



**VENTURE GLOBAL CP2 LNG, LLC**  
**VENTURE GLOBAL CP EXPRESS, LLC**

**CP2 LNG EXPANSION PROJECT**

**Resource Report 9**  
**Air and Noise Quality**

**Docket No.**  
**CP26-\_\_\_\_-000**

**Prepared by**  
**Environmental Resources Management, Inc.**

**May 2026**

**VENTURE GLOBAL CP2 LNG, LLC  
VENTURE GLOBAL CP EXPRESS, LLC**

**CP2 LNG EXPANSION PROJECT  
RESOURCE REPORT 9 – AIR AND NOISE QUALITY**

| Resource Report 9 – Air and Noise Quality                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                  |
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| Full Filing Requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                  |
| Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Report Section Reference                                                                                                                         |
| This report is required for applications involving compressor facilities at new or existing stations, and for all new liquefied natural gas (LNG) facilities. It must identify the effects of the project on the existing air quality and noise environment and describe proposed measures to mitigate the effects. Resource Report 9 must:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                  |
| <input type="checkbox"/> 1. Describe the existing air quality, including background levels of nitrogen dioxide and other criteria pollutants which may be emitted above U.S. Environmental Protection Agency-identified significance levels.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Section 9.2.2                                                                                                                                    |
| <input type="checkbox"/> 2. Quantitatively describe existing noise levels at noise-sensitive areas, such as schools, hospitals, or residences and include any areas covered by relevant state or local noise ordinances.<br>(i) Report existing noise levels as the $L_{eq}$ (day), $L_{eq}$ (night), and $L_{dn}$ and include the basis for the data or estimates.<br>(ii) For existing compressor stations, include the results of a sound level survey at the site property line and nearby noise-sensitive areas while the compressors are operated at full load.<br>(iii) For proposed new compressor station sites, measure or estimate the existing ambient sound environment based on current land uses and activities.<br>(iv) Include a plot plan that identifies the locations and duration of noise measurements, the time of day, weather conditions, wind speed and direction, engine load, and other noise sources present during each measurement.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Section 9.3.3 and appendix 9E.<br><br>Existing noise levels for the Silsbee Compressor Station will be provided in a supplemental filing.        |
| <input type="checkbox"/> 3. Estimate the impact of the project on air quality, including how existing regulatory standards would be met.<br>(i) Provide the emission rate of nitrogen oxides from existing and proposed facilities, expressed in pounds per hour and tons per year for maximum operating conditions, include supporting calculations, emission factors, fuel consumption rates, and annual hours of operation.<br>(ii) For major sources of air emissions (as defined by the Environmental Protection Agency), provide copies of applications for permits to construct (and operate, if applicable) or for applicability determinations under regulations for the prevention of significant air quality deterioration and subsequent determinations.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Sections 9.2.3 and 9.2.5. Copies of the air permit applications will be provided once they have been filed.                                      |
| <input type="checkbox"/> 4. Provide a quantitative estimate of the impact of the project on noise levels at noise-sensitive areas, such as schools, hospitals, or residences.<br>(i) Include step-by-step supporting calculations or identify the computer program used to model the noise levels, the input and raw output data and all assumptions made when running the model, far-field sound level data for maximum facility operation, and the source of the data.<br>(ii) Include sound pressure levels for unmuffled engine inlets and exhausts, engine casings, and cooling equipment; dynamic insertion loss for all mufflers; sound transmission loss for all compressor building components, including walls, roof, doors, windows and ventilation openings; sound attenuation from the station to nearby noise-sensitive areas; the manufacturer's name, the model number, the performance rating; and a description of each noise source and noise control component to be employed at the proposed compressor station. For proposed compressors the initial filing must include at least the proposed horsepower, type of compression, and energy source for the compressor.<br>(iii) Far-field sound level data measured from similar units in service elsewhere, when available, may be substituted for manufacturer's far-field sound level data.<br>(iv) If specific noise control equipment has not been chosen, include a schedule for submitting the data prior to certification. | Section 9.3.6 and appendix 9E.<br><br>Noise estimates for operation of the Silsbee Compressor Station will be provided in a supplemental filing. |

CP2 LNG Expansion Project  
Resource Report 9 – Air and Noise Quality

| Resource Report 9 – Air and Noise Quality                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Full Filing Requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                   |
| Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Report Section Reference                                                                                          |
| <p>(v) The estimate must demonstrate that the project will comply with applicable noise regulations and show how the facility will meet the following requirements:</p> <ol style="list-style-type: none"> <li>(A) The noise attributable to any new compressor station, compression added to an existing station, or any modification, upgrade or update of an existing station, must not exceed a day-night sound level (<math>L_{dn}</math>) of 55 decibels on the A-weighted scale at any pre-existing noise-sensitive area (such as schools, hospitals, or residences).</li> <li>(B) New compressor stations or modifications of existing stations shall not result in a perceptible increase in vibration at any noise-sensitive area.</li> </ol> |                                                                                                                   |
| <p><input type="checkbox"/> 5. Describe measures and manufacturer's specifications for equipment proposed to mitigate impact to air and noise quality, including emission control systems, installation of filters, mufflers, or insulation of piping and buildings, and orientation of equipment away from noise-sensitive areas.</p>                                                                                                                                                                                                                                                                                                                                                                                                                  | <p>Sections 9.2.4, 9.2.5, 9.3.3, and 9.3.4. Additional information will be provided in a supplemental filing.</p> |

**VENTURE GLOBAL CP2 LNG, LLC  
VENTURE GLOBAL CP EXPRESS, LLC**

**CP2 LNG EXPANSION PROJECT  
RESOURCE REPORT 9 – AIR AND NOISE QUALITY**

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## ACRONYMS AND ABBREVIATIONS

|                         |                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| °F                      | degrees Fahrenheit                                                                                                                                                                                   |
| AQCR                    | Air Quality Control Region                                                                                                                                                                           |
| BACT                    | Best Available Control Technology                                                                                                                                                                    |
| CAA                     | Clean Air Act                                                                                                                                                                                        |
| CFR                     | Code of Federal Regulations                                                                                                                                                                          |
| CO                      | carbon monoxide                                                                                                                                                                                      |
| CO <sub>2</sub>         | carbon dioxide                                                                                                                                                                                       |
| CO <sub>2</sub> e       | carbon dioxide equivalent                                                                                                                                                                            |
| CP Express Pipeline     | Approximately 87 miles of new, 48-inch-diameter natural gas pipeline in Jasper and Newton Counties, Texas, and Calcasieu and Cameron Parishes, Louisiana (including new 1.5-mile proposed extension) |
| CP Express              | Venture Global CP Express, LLC                                                                                                                                                                       |
| CP2 LNG                 | Venture Global CP2 LNG, LLC                                                                                                                                                                          |
| dB                      | decibels                                                                                                                                                                                             |
| dBA                     | A-weighted decibel                                                                                                                                                                                   |
| Enable Gulf Run Lateral | 6.0 miles of new, 24-inch-diameter lateral pipeline in northwest Calcasieu Parish, Louisiana                                                                                                         |
| EAS                     | Environmental Assessment Statement                                                                                                                                                                   |
| EPA                     | U.S. Environmental Protection Agency                                                                                                                                                                 |
| FERC                    | Federal Energy Regulatory Commission                                                                                                                                                                 |
| GHG                     | greenhouse gas                                                                                                                                                                                       |
| GHGRP                   | Greenhouse Gas Reporting Program                                                                                                                                                                     |
| HAP                     | hazardous air pollutant                                                                                                                                                                              |
| HDD                     | horizontal directional drill                                                                                                                                                                         |
| HP                      | horsepower                                                                                                                                                                                           |
| La. R.S.                | Louisiana Revised Statutes                                                                                                                                                                           |
| LAC                     | Louisiana Administrative Code                                                                                                                                                                        |
| LDEQ                    | Louisiana Department of Environmental Quality                                                                                                                                                        |
| L <sub>dn</sub>         | day-night sound level                                                                                                                                                                                |
| L <sub>eq</sub>         | equivalent sound level                                                                                                                                                                               |
| L <sub>max</sub>        | maximum sound level                                                                                                                                                                                  |
| LNG                     | liquefied natural gas                                                                                                                                                                                |
| LTAP                    | Louisiana Toxic Air Pollutant                                                                                                                                                                        |
| MACT                    | Maximum Achievable Control Technology                                                                                                                                                                |
| Marine Facilities       | permanent island-based portion of the CP2 LNG facilities on Monkey Island                                                                                                                            |
| MER                     | Minimum Emissions Rates                                                                                                                                                                              |
| mph                     | miles per hour                                                                                                                                                                                       |
| MTPA                    | million metric tonnes per annum                                                                                                                                                                      |
| NAAQS                   | National Ambient Air Quality Standards                                                                                                                                                               |
| NEL                     | Noise Evaluation Location                                                                                                                                                                            |
| NEPA                    | National Environmental Policy Act                                                                                                                                                                    |
| NESHAP                  | National Emission Standards for Hazardous Air Pollutants                                                                                                                                             |
| NGA                     | Natural Gas Act                                                                                                                                                                                      |
| NO <sub>2</sub>         | nitrogen dioxide                                                                                                                                                                                     |
| NO <sub>x</sub>         | nitrogen oxides                                                                                                                                                                                      |
| NSA                     | noise-sensitive area                                                                                                                                                                                 |

|                     |                                                                                                                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NSPS                | New Source Performance Standards                                                                                                                                                                                         |
| NSR                 | New Source Review                                                                                                                                                                                                        |
| NWR                 | National Wildlife Refuge                                                                                                                                                                                                 |
| Pipeline System     | CP Express Pipeline, Enable Gulf Run Lateral, and associated aboveground facilities                                                                                                                                      |
| PM <sub>2.5</sub>   | inhalable particulate matter with an aerodynamic diameter less than or equal to 2.5 microns                                                                                                                              |
| PM <sub>10</sub>    | inhalable particulate matter with an aerodynamic diameter less than or equal to 10 microns                                                                                                                               |
| ppb                 | parts per billion                                                                                                                                                                                                        |
| ppm                 | parts per million                                                                                                                                                                                                        |
| Project             | CP2 LNG Expansion and CP Express Project                                                                                                                                                                                 |
| PSD                 | Prevention of Significant Deterioration                                                                                                                                                                                  |
| PTE                 | Potential to Emit                                                                                                                                                                                                        |
| Q/d                 | ratio of emissions of nitrogen oxides, particulate matter with an aerodynamic diameter less than or equal to 10 microns, sulfur dioxide, and sulfuric acid to the distance in kilometers from a source to a Class I area |
| SCC                 | Social Cost of Carbon                                                                                                                                                                                                    |
| SO <sub>2</sub>     | sulfur dioxide                                                                                                                                                                                                           |
| Terminal Facilities | Terminal Site and Marine Facilities                                                                                                                                                                                      |
| Terminal Site       | permanent mainland-based portion of the CP2 LNG natural gas liquefaction, storage, and export facilities                                                                                                                 |
| TAC                 | Texas Administrative Code                                                                                                                                                                                                |
| TCEQ                | Texas Commission on Environmental Quality                                                                                                                                                                                |
| tpy                 | tons per year                                                                                                                                                                                                            |
| ULSD                | ultra-low sulfur diesel                                                                                                                                                                                                  |
| Venture Global LNG  | Venture Global LNG, Inc.                                                                                                                                                                                                 |
| VOC                 | volatile organic compound                                                                                                                                                                                                |
| µg/m <sup>3</sup>   | micrograms per cubic meter                                                                                                                                                                                               |

**VENTURE GLOBAL CP2 LNG, LLC  
VENTURE GLOBAL CP EXPRESS, LLC**

**CP2 LNG EXPANSION PROJECT**

**9.0 RESOURCE REPORT 9 – AIR AND NOISE QUALITY**

**9.1 INTRODUCTION**

Venture Global CP2 LNG, LLC (CP2 LNG) and Venture Global CP Express, LLC (CP Express) (together the “Applicants”), both wholly owned subsidiaries of Venture Global LNG, Inc. (Venture Global LNG), submitted to the Federal Energy Regulatory Commission (“FERC” or “Commission”) an application for authorization for the CP2 LNG Expansion Project (Project) to expand CP2 LNG’s liquefied natural gas (LNG) export terminal in Cameron Parish, Louisiana (Terminal Facilities) and to add new compression facilities to CP Express’ natural gas pipeline system (together the “CP2 LNG and CP Express Project”), which are both authorized by the Commission in Docket Nos. CP22-21 and CP22-22. The Application is submitted pursuant to sections 3 and 7(c) of the Natural Gas Act and the Environmental Report is submitted in accordance with Title 18 of the Code of Federal Regulations (CFR) Section 380.12 for authorization to site, construct, and operate natural gas liquefaction, storage, and export facilities in Cameron Parish, Louisiana and associated pipeline facilities in Jasper County, Texas.

CP2 LNG’s authorized Terminal Facilities, which are under construction in Cameron Parish Louisiana, have and a peak achievable liquefaction and export capacity of 28 metric tonnes per annum (MTPA).<sup>1</sup> The Terminal Facilities are comprised of the Terminal Site, LNG Transfer Lines and the Marine Facilities.

The Terminal Facilities will receive natural gas via CP Express’s Pipeline that was authorized by the Commission and is under construction. CP Express is authorized to construct a new interstate natural gas pipeline system to transport up to 4,400,000 dekatherms per day of natural gas on a firm basis. Its pipeline system will extend approximately 85 miles from interconnections with existing pipelines in Jasper County, Texas, through Newton County, Texas, and Calcasieu and Cameron Parishes, Louisiana, and terminate at the CP2 LNG Terminal Site.

The CP2 LNG and CP Express Project will be constructed in two-phases. Phase 1 of the Terminal Facilities is under construction and includes construction of the pretreatment facilities, nine liquefaction blocks, two storage tanks, two marine docks and turning basins, the three LNG transfer lines, power generation facilities providing 720 MW, and supporting ancillary facilities. The remaining Terminal Facilities will be constructed in Phase 2. Phase 1 of the pipeline system, including 69,600 horsepower of compression at the Moss Lake Compressor Station, will be constructed in Phase 1; Phase 2 will involve constructing an additional 117,400 HP of compression at the Moss Lake Compressor Station.

In this Application, the Applicants are proposing additional facilities at the Terminal Site (Terminal Site Expansion), an additional marine berth at the Marine Facilities (Marine Facilities

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<sup>1</sup> On December 29, 2025, CP2 LNG submitted an application for a limited amendment requesting Commission authorization to increase the CP2 LNG Terminal’s peak achievable capacity from 28 MTPA to 35 MTPA; that application is pending in FERC Docket No. CP26-55-000.

Expansion), and a compressor station and two lateral pipelines (Pipeline System Expansion) (together the “CP2 LNG Expansion Project” or “Project”).

For the Terminal Site Expansion, CP2 LNG proposes to add liquefaction, pretreatment, power generation, and supporting utility systems within the authorized Terminal Site. The proposed facilities include six liquefaction blocks (each with two single mixed refrigerant process units and ancillary support facilities) with a peak production capacity of 11.7 MTPA, three gas pretreatment facilities, two nitrogen removal units and three LNG expanders to remove excess nitrogen that may be present in the feed gas, a 720-MW power plant consisting of five gas turbines, five heat recovery steam generators, and two steam generators, three thermal oxidizers, five boil-off gas compressors, and additional utilities and safety systems.

Within the authorized Marine Facilities’ existing berthing area, CP2 LNG proposes to construct a third marine berth (Marine Facilities Expansion) within the 154.5-acre Marine Facilities footprint.

CP Express proposes the Pipeline System Expansion with the construction of a new 227,000 horsepower compressor station referred to as the Silsbee Compressor Station. This compressor station will utilize one new 48-inch-diameter pipeline laterals to interconnect with the previously authorized CP Express Pipeline in Jasper County, Texas.

In accordance with 18 CFR § 380.12(k), Resource Report 9 describes the Project’s direct, indirect, and cumulative impacts on existing air quality and noise conditions. This report characterizes and quantifies existing air quality and noise, identifies potential noise-sensitive areas (NSA), and includes discussions of potential impacts on air quality and noise from construction and operation of the facilities. The report also summarizes federal, state, and local air quality and noise regulations applicable to the Project and, as appropriate, discusses forms of mitigation that may be used to reduce impacts during Project construction and operation. Information contained in this resource report was obtained from review of federal, state, and local regulations; equipment vendor data sheets; desktop analysis; and technical reports and literature.

## **9.2 AIR QUALITY**

Construction and operation of the Project could affect air quality in the Project vicinity. Aboveground facilities associated with the Project that will generate emissions include the Terminal Facilities in Cameron Parish, Louisiana, and the Silsbee Compressor Station in Jasper County, Texas.

### **9.2.1 Regional Climate**

CP2 LNG and CP Express accessed data from the nearest National Weather Service meteorological stations to the Terminal Facilities and the Silsbee Compressor Station, respectively, to develop representative climate information for the Project. The regional climate discussion is organized by Project component.

#### **9.2.1.1 Terminal Facilities**

The CP2 LNG Expansion Project will be located in Cameron Parish, Louisiana, where the climate is characterized by relatively short, mild winters, hot summers, and year-round precipitation. Proximity to the Gulf of Mexico moderates the climate and allows exposure to warm, moist air (National Oceanic and Atmospheric Administration, 2025). Temperature and precipitation data for the Terminal Facilities were obtained from the Hackberry 8 SSW

Meteorological Station (USC00163979) in Hackberry, Louisiana, which is located about 8.7 miles northwest of the facility location. Based on long-term temperature and precipitation values for the 30-year period between 1991 and 2020, the station reports an annual average rainfall of 60.2 inches. The average maximum temperature is 90.7 degrees Fahrenheit (°F) in August, and the average minimum temperature is 44.2°F in January. Historical wind summaries have been derived from analysis of wind data during this period from the Lake Charles Regional Airport Station, about 25 miles northeast of the facility location. During this period, wind direction near the Terminal Facilities was primarily from the South, and hourly wind speeds varied from 1 to 111 miles per hour (mph). Calm periods (e.g., no wind) occurred 1.4 percent of the time. The average wind speed, excluding periods of calm, was 16.4 mph (Lake Charles Regional Airport [Station ID 3937], 2019 & 2021-2024).<sup>2</sup>

### **9.2.1.2 Silsbee Compressor Station and 2,000 foot long Pipeline Lateral**

Local climate information for the Silsbee Compressor Station, which will be located in Jasper County, Texas, was obtained for the Angelina County Airport Meteorological Station (USW00093987) in Lufkin, Texas, which lies about 79 miles northwest of the facility location. Lufkin is the station preferred by the Texas Commission on Environmental Quality (TCEQ) for air dispersion modeling demonstrations in Jasper County, TX. Lufkin data are presented here for consistency with data to be used in air modeling. Based on long-term temperature and precipitation values for the 30-year period from 1991 through 2020, the station reports an average annual precipitation of 50.2 inches. The average maximum daily temperature is 94.7 °F in August, and the average minimum daily temperature is 38.6 °F in January (Western Regional Climate Center, 2026). Historical wind summaries have been derived from analysis of wind data for 1991 through 2020 from the Angelina County Airport. During this period, wind direction near the Silsbee Compressor Station location was primarily from the southeast and hourly wind speeds varied from 1 to 43 mph. Calm periods (e.g., no wind) occurred 22.6 percent of the time (National Centers for Environmental Information, 2026). The average wind speed, excluding periods of calm, was 6.8 mph (Lufkin, Texas [Station ID USW00093987, 2017-2021]). (Years 2017-2021 were selected because this period aligns with the years of the latest available TCEQ pre-processed data set that will be used in modeling submitted to TCEQ).

## **9.2.2 Existing Air Quality**

### **9.2.2.1 Ambient Air Quality Standards**

The U.S. Environmental Protection Agency (EPA), as required by the Clean Air Act (CAA) of 1970, has established National Ambient Air Quality Standards (NAAQS) to protect public health and welfare, referred to as primary standards, and to protect plant and animal life, buildings, and other features in the public interest, referred to as secondary standards. States have the authority to adopt ambient air quality standards that are more stringent than the NAAQS. Louisiana and Texas have adopted the federal primary and secondary NAAQS and have not adopted more stringent criteria.

The EPA has set NAAQS for six principal pollutants, called “criteria pollutants.” These criteria pollutants are ground-level ozone, carbon monoxide (CO), nitrogen dioxide (NO<sub>2</sub>), sulfur dioxide (SO<sub>2</sub>), respirable and fine particulate matter (inhalable particulate matter with an

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<sup>2</sup> The 2020 meteorological data for Lake Charles Regional Airport does not meet U.S. EPA’s requirement for 90% completeness by quarter for wind direction, wind speed, and temperature.

aerodynamic diameter less than or equal to 10 microns [ $PM_{10}$ ] and less than or equal to 2.5 microns [ $PM_{2.5}$ ], and airborne lead.

Ozone develops as a result of a chemical reaction between nitrogen oxides ( $NO_x$ ) and volatile organic compounds (VOC) in the presence of sunlight. Accordingly,  $NO_x$  and VOCs are often referred to as ozone precursors.  $PM_{2.5}$  may be directly emitted and can also be secondarily formed in the atmosphere as a result of  $SO_2$  and  $NO_x$  emissions.  $SO_2$  and  $NO_x$  are also referred to as  $PM_{2.5}$  precursors. Table 9.2.2-1 lists the NAAQS for the six criteria pollutants.

| TABLE 9.2.2-1<br>CP2 LNG Expansion Project<br>National Ambient Air Quality Standards |                          |                            |                               |                                                                                         |
|--------------------------------------------------------------------------------------|--------------------------|----------------------------|-------------------------------|-----------------------------------------------------------------------------------------|
| Criteria Pollutant                                                                   | Primary/<br>Secondary    | Averaging<br>Time          | Level                         | Form of Air Quality Standard                                                            |
| CO                                                                                   | Primary                  | 8 hours                    | 9 ppm                         | Not to be exceeded more than once per year                                              |
|                                                                                      | Primary                  | 1 hour                     | 35 ppm                        | Not to be exceeded more than once per year                                              |
| Lead (Pb)                                                                            | Primary and<br>Secondary | Rolling 3-month<br>average | 0.15 $\mu g/m^3$ <sup>a</sup> | Maximum arithmetic mean of 3 consecutive<br>monthly means in a 3-year period            |
| NO <sub>2</sub>                                                                      | Primary                  | 1 hour                     | 100 ppb                       | Annual 98th percentile of 1-hour daily maximum<br>concentrations, averaged over 3 years |
|                                                                                      | Primary and<br>Secondary | 1 year                     | 53 ppb <sup>b</sup>           | Annual mean                                                                             |
| Ozone (O <sub>3</sub> )                                                              | Primary and<br>Secondary | 8 hours                    | 0.070 ppm <sup>c</sup>        | Annual fourth-highest daily maximum 8-hour<br>concentration, averaged over 3 years      |
| Particle Pollution                                                                   |                          |                            |                               |                                                                                         |
| PM <sub>2.5</sub>                                                                    | Primary                  | 1 year                     | 9 $\mu g/m^3$ <sup>d</sup>    | Annual mean, averaged over 3 years                                                      |
|                                                                                      | Secondary                | 1 year                     | 15 $\mu g/m^3$                | Annual mean, averaged over 3 years                                                      |
|                                                                                      | Primary and<br>Secondary | 24 hours                   | 35 $\mu g/m^3$                | 98th percentile, averaged over 3 years                                                  |
| PM <sub>10</sub>                                                                     | Primary and<br>Secondary | 24 hours                   | 150 $\mu g/m^3$               | Not to be exceeded more than once per year on<br>average over 3 years                   |
| SO <sub>2</sub>                                                                      | Primary                  | 1 hour                     | 75 ppb <sup>e</sup>           | Annual 99th percentile of 1-hour daily maximum<br>concentrations, averaged over 3 years |
|                                                                                      | Secondary                | 1 year                     | 10 ppb <sup>f</sup>           | Annual mean, averaged over 3 years<br>Not to be exceeded more than once per year        |

Source: EPA, 2025.

$\mu g/m^3$  = micrograms per cubic meter; ppb = parts per billion; ppm = parts per million

<sup>a</sup> In areas designated nonattainment for the Pb standards prior to the promulgation of the current (2008) standards, and for which implementation plans to attain or maintain the current (2008) standards have not been submitted and approved, the previous standards (1.5  $\mu g/m^3$  as a calendar quarter average) also remain in effect. (Not applicable to the CP2 LNG Expansion Project or Silsbee Compressor Station.)

<sup>b</sup> The annual NO<sub>2</sub> standard is 0.053 ppm. This standard is shown here in terms of parts per billion for the purposes of clearer comparison to the 1-hour standard level.

<sup>c</sup> Final rule published October 1, 2015, and effective December 28, 2015. The previous (2008) O<sub>3</sub> standards additionally remain in effect in some areas, not including parishes and counties applicable to the CP2 LNG Expansion Project or Silsbee Compressor Station.

<sup>d</sup> Final rule published March 6, 2024, effective May 6, 2024. This final rule is subject to pending judicial review in *Commonwealth of Kentucky v. U.S. EPA*, C.A. No. 24-1050 (D.C. Cir.).

<sup>e</sup> The previous SO<sub>2</sub> standards (0.14 ppm 24-hour and 0.03 ppm annually) will additionally remain in effect in certain areas not applicable to the CP2 LNG Terminal or Silsbee Compressor Station.

TABLE 9.2.2-1

**CP2 LNG Expansion Project  
National Ambient Air Quality Standards**

<sup>f</sup> On December 27, 2024, EPA added a new annual secondary NAAQS in 40 CFR Part 50 without altering the 1971 secondary 3-hour SO<sub>2</sub> NAAQS. 89 Fed. Reg. 105,692 (Dec. 27, 2024). Note that some areas may have certain continuing implementation obligations.

### 9.2.2.2 Air Quality Control Region and Attainment Status

An air quality control region (AQCR) is defined under 42 U.S.C. § 7407(c) as “any interstate area or major intrastate area which the Administrator of the EPA deems necessary or appropriate for the attainment and maintenance of ambient air quality standards.” Each AQCR, or portion(s) of an AQCR, is classified as “attainment,” “nonattainment,” “unclassifiable,” or “maintenance” with respect to the NAAQS.

Areas where ambient air concentrations of the criteria pollutants are below the levels listed in the NAAQS are considered to be in attainment. If ambient air concentrations of criteria pollutants are above the NAAQS levels, then the area is considered to be nonattainment. Areas that have been designated nonattainment but have since demonstrated compliance with the NAAQS are designated maintenance for that pollutant. Maintenance areas are treated similarly to attainment areas for permitting stationary sources; however, specific provisions may be incorporated through the state’s approved maintenance plan to ensure that air quality remains in compliance with the NAAQS for that pollutant. Maintenance areas retain the classification for 20 years before being reclassified as attainment areas. Areas where air quality data are not available are considered to be unclassifiable and are treated as attainment areas.

The CP2 LNG Expansion Project will be located in Cameron Parish, which is designated as an attainment or unclassifiable area for all criteria pollutants. The Silsbee Compressor Station will be in Jasper County, Texas, which is designated as an attainment or unclassifiable area for all criteria pollutants. Both Cameron Parish and Jasper County are within the Southern Louisiana – Southeast Texas Interstate AQCR (“AQCR 106”) per 40 CFR § 81.53.

### 9.2.2.3 Greenhouse Gases

In April 2007, the U.S. Supreme Court ruled that greenhouse gases (GHG) fall within the CAA’s definition of “air pollutant” and required the EPA to consider whether the emission of GHGs from new motor vehicles causes or contributes to air pollution, which may reasonably be anticipated to endanger public health or welfare. On December 7, 2009, the EPA concluded that GHG emissions from new motor vehicles may reasonably be anticipated to endanger public health or welfare (74 Fed. Reg. 66,496 (Dec. 15, 2009)).<sup>3</sup> In its findings, the EPA identified the following six well-mixed GHGs in the atmosphere:

- CO<sub>2</sub>;

<sup>3</sup> On March 12, 2025, the EPA announced that it would initiate a formal reconsideration of its 2009 Endangerment Finding for Greenhouse Gases. In February 2026, EPA issued a final rule rescinding the 2009 Endangerment Finding. 91 Fed. Reg. 7,686 (Feb. 18, 2026).

- methane (CH<sub>4</sub>);
- nitrous oxide (N<sub>2</sub>O);
- hydrofluorocarbons;
- perfluorocarbons; and
- sulfur hexafluoride.

Although the EPA's findings were based on emissions associated with new motor vehicles, the EPA expanded its regulations to include the emission of GHGs from major stationary sources under the Prevention of Significant Deterioration (PSD) program. The EPA's current rules require that a stationary source that is a major source for a non-GHG regulated New Source Review (NSR) pollutant must also obtain a GHG PSD permit prior to beginning construction of a new or modified major source with mass-based GHG emissions equal to or greater than zero tpy and significant net emission increases of carbon dioxide equivalent (CO<sub>2</sub>e) equal to or greater than 75,000 tpy. There is no NAAQS for GHGs.

GHG concentrations are often represented by an aggregate number expressed in units of CO<sub>2</sub>e. For each GHG, the EPA has determined a global warming potential factor, which is a relative measure of a GHG's ability to absorb solar radiation and its residence time in the atmosphere compared to that of CO<sub>2</sub>. According to 40 CFR Part 98, Subpart A, Table A-1, as amended April 25, 2024, effective January 1, 2025, CO<sub>2</sub> has a global warming potential of 1, whereas methane, for example, has a global warming potential of 28 and N<sub>2</sub>O has a global warming potential of 265. Individual GHG estimates for the Project were multiplied by their respective GWP factors and then summed to calculate the CO<sub>2</sub>e of the total Project.

### **9.2.3 Applicable Regulations and Permitting**

This section summarizes the federal Clean Air Act regulatory requirements for PSD, New Source Performance Standards (NSPS), National Emission Standards for Hazardous Air Pollutants (NESHAP), and Title V Operating Permits. Louisiana air quality regulations applicable to the CP2 LNG Expansion Project, including those approved by the EPA as part of the Louisiana State Implementation Plan, are summarized. Texas air quality regulations, including those approved by EPA as part of the Texas State Implementation Plan applicable to the Silsbee Compressor Station, are also summarized.

The CP2 LNG Expansion Project will be part of the existing major stationary source comprised of the Venture Global Calcasieu Pass, LLC Terminal (Calcasieu Pass) and the adjacent CP2 LNG Terminal. The CP2 LNG Expansion Project will be permitted for air emissions either by modifying the existing Title V Operating (Title V) and PSD permits for the CP2 LNG Terminal or through its own Title V and PSD permits. CP2 LNG will consult with the LDEQ concerning which option will be selected. In either case, the CP2 LNG Title V and PSD Permits will be modified to include any increase in emissions from emission sources under those existing

permits that are affected<sup>4</sup> by the Project. The Calcasieu Pass Title V and PSD permits will not need to be modified because the Project will not affect sources at Calcasieu Pass.

CP2 LNG plans to submit the Title V and PSD air permit application(s) for the new CP2 LNG Expansion Project with the Louisiana Department of Environmental Quality (LDEQ) in the third quarter of 2026. CP Express plans to submit the appropriate NSR authorization application for the Silsbee Compressor Station to the TCEQ in the second quarter of 2026. The Applicants plan to start construction of the Expansion Project soon after the receipt of Commission authorization and other necessary regulatory permits and approvals, and target commencing construction as soon as early 2027. This schedule allows construction of the Project to commence as Phase 2 of the CP2 LNG and CP Express Project nears completion.

### **9.2.3.1 Federal Regulations**

#### **New Source Review—Prevention of Significant Deterioration**

NSR refers to the federal preconstruction permitting programs under Title I, Parts C and D, of the CAA. NSR must be addressed before construction can begin on new major sources or major modifications to existing major sources. The PSD program is the NSR permitting program under Part C that applies to new major sources or major modifications at existing sources in attainment areas or in areas that are unclassifiable. PSD is intended to keep new air emission sources from causing the existing air quality to significantly deteriorate beyond acceptable levels. The Project is located in areas that are classified as being in attainment or unclassified for all criteria pollutant standards; therefore, the Project will be subject to PSD permitting if any of the Project sources exceed the PSD permitting thresholds.

Under the PSD program, any new major source or major modification of an existing source of air pollutants is required to obtain a PSD permit before beginning construction. The definition of a PSD major source is any stationary source that emits, or has the potential to emit, 250 tpy of a regulated NSR pollutant (LAC 33:III.509.B. definition of “major stationary source,” 30 TAC § 116.12(19) and 40 CFR § 51.166(b)(1)(i)(B)) or that is listed as belonging to one of 26 specifically listed industrial source categories that have a 100 tpy applicability threshold (LAC 33:III.509.B definition of “major stationary source”, Table A; 30 TAC § 116.12(19) & 40 CFR § 51.166(b)(1)(i)(A). If a stationary source emits even one criteria pollutant in major amounts (i.e., in excess of the applicable threshold), then the source is considered major. All pollutants, including those emitted in less than major threshold amounts, are then reviewed for PSD applicability by using their respective Significant Emissions Rate (SER). Emissions equal to or higher than the Significant Emissions Rate result in the pollutant being subject to PSD review.

The CP2 LNG Expansion Project will be located on Venture Global CP2 LNG, LLC’s CP2 LNG Terminal site, and on contiguous or adjacent property under common control with Venture Global Calcasieu Pass, LLC’s Calcasieu Pass Terminal, which together form an existing major stationary source. Thus, the CP2 LNG Expansion Project will be reviewed for PSD applicability as a major modification to an existing major stationary source through evaluation of the Significant Emissions Rates under the PSD program. As further detailed in section 9.2.5, the CP2 LNG Expansion Project will be considered a major modification to a major stationary source.

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<sup>4</sup> An emission source is “affected” by the Project to the extent that it will have an increase in actual emissions, as defined in LAC 33:III.509.

The Silsbee Compressor Station, proposed as part of the Project, is not included in the categorical list of sources with a 100 tpy threshold; therefore, the potential to emit 250 tpy of an NSR-regulated pollutant is the applicable threshold for determining major source status for the compressor station. The Silsbee Compressor Station will not be considered a major source under the PSD program because the emissions of each criteria pollutant are less than the applicable thresholds. The results of the PSD applicability analysis for the CP2 LNG Expansion Project plus the incremental emissions from the CP2 LNG Terminal and Silsbee Compressor Station are summarized in Table 9.2.3-1.

| TABLE 9.2.3-1<br>CP2 LNG Expansion Project<br>Prevention of Significant Deterioration Applicability Analysis for the CP2 LNG Expansion Project and Silsbee Compressor Station |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                            |                                               |                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-----------------------------------------------|---------------------------------|
| NSR-Regulated Pollutant                                                                                                                                                       | CP2 LNG Expansion Project + Incremental Emissions from Permitted CP2 LNG Terminal <sup>a,b</sup> (tpy)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Silsbee Compressor Station Emissions (tpy) | Major Stationary Source Threshold Level (tpy) | Significant Emission Rate (tpy) |
| PM <sub>10</sub>                                                                                                                                                              | 201.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 34.9                                       | 250                                           | 15                              |
| PM <sub>2.5</sub>                                                                                                                                                             | 200.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 34.5                                       | 250                                           | 10                              |
| NO <sub>x</sub>                                                                                                                                                               | 866.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 245.6                                      | 250                                           | 40                              |
| SO <sub>2</sub>                                                                                                                                                               | 102.9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 8.1                                        | 250                                           | 40                              |
| CO                                                                                                                                                                            | 955.9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 48.7                                       | 250                                           | 100                             |
| Total VOC                                                                                                                                                                     | 145.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 64.3                                       | 250                                           | 40                              |
| CO <sub>2</sub> e                                                                                                                                                             | 4,835,897 <sup>c</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 872,178                                    | NA                                            | 75,000                          |
| NA = not applicable                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                            |                                               |                                 |
| <sup>a</sup>                                                                                                                                                                  | In determining PSD permitting applicability for the CP2 LNG Expansion Project with incremental emission increases from CP2 LNG Project, the emissions were based on evaluating interim and final operating scenarios for maximum potential to emit. Further details regarding any alternative operating scenarios will be provided in the Title V/PSD permit applications for the CP2 LNG Expansion Project. The values represent the total emissions from the proposed CP2 LNG Expansion Project sources and incremental increases associated with the sources permitted under the existing PSD permit for the CP2 LNG Terminal. |                                            |                                               |                                 |
| <sup>b</sup>                                                                                                                                                                  | The CP2 LNG Expansion Project will be part of the Venture Global CP2 LNG, LLC's CP2 LNG Project due to common ownership and location on adjacent/contiguous property. Because the CP2 LNG Project is an existing major stationary source, emissions associated with the CP2 LNG Expansion Project are compared to their respective PSD Significant Emission Rate thresholds.                                                                                                                                                                                                                                                      |                                            |                                               |                                 |
| <sup>c</sup>                                                                                                                                                                  | The CP2 LNG Expansion Project's CO <sub>2</sub> e emissions do not reflect the additional CO <sub>2</sub> reductions, if any, from the CP2 LNG Terminal and the Project due to the potential voluntary carbon capture project.                                                                                                                                                                                                                                                                                                                                                                                                    |                                            |                                               |                                 |
| <sup>d</sup>                                                                                                                                                                  | The totals may not match the sum of addends due to rounding.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                            |                                               |                                 |

The CP Express Pipeline System (excluding the Moss Lake and Silsbee Compressor Stations) does not include any stationary combustion sources of emissions, so once the pipeline system is operational, its only emissions will be fugitive emissions along the pipeline as well as miscellaneous emissions from pipeline maintenance.

### PSD Requirements

The following PSD requirements will apply to the CP2 LNG Expansion Project for PSD-regulated pollutants:

- Determine and apply Best Available Control Technology (BACT) to identify the maximum degree of emissions reduction for NO<sub>x</sub>, CO, SO<sub>2</sub>, PM<sub>10</sub>, PM<sub>2.5</sub>, VOC, and CO<sub>2</sub>e, taking

into account technical feasibility, energy, environmental, and economic impacts (40 CFR § 52.21(j), LAC 33:III.509.J).

- Conduct a source impact analysis showing that increases of regulated PSD pollutants in excess of the relevant significance levels from the Project will not cause or contribute to air pollution in violation of any NAAQS (40 CFR § 52.21(k)(1)(i), LAC 33:III.509.K and M).
- Conduct a source impact analysis showing that increases of regulated NSR pollutants in excess of the relevant significance levels from the Project will not cause or contribute to air pollution in violation of any applicable maximum allowable increase over the baseline concentration in any area (i.e., the “PSD increment analysis”) (40 CFR § 52.21(k)(1)(ii) and LAC 33:III.509.K and M).
- Gather preconstruction air quality monitoring information (40 CFR § 52.21(m)(1) and LAC 33:III.509.M.1) and, where necessary, conduct post-construction air quality monitoring (40 CFR § 52.21(m)(2) and LAC 33:III.509.M.2).
- Provide specified information for Project sources in order to perform any necessary analysis (including items such as source location, design capacity, and typical operating schedule (40 CFR § 52.21(n) and LAC 33:III.509.N).
- Conduct additional impact analyses describing impairments to visibility, soils and vegetation, as well as those arising from growth associated with the Project (40 CFR § 52.21(o) and LAC 33:III.509.O).
- Conduct an analysis as may be required by a federal land manager of the impact on air quality related values—including visibility—at nearby federal Class I areas (40 CFR § 52.21(p) and LAC 33:III.509.P).
- Allow for public participation in the PSD permitting process (40 § CFR 52.21(q) and LAC 33:III.509.Q).
- Comply with applicable source obligations (40 CFR § 52.21(r), LAC 33:III.509.R).
- Cooperate in the EPA’s review of a PSD permit application in parallel with the National Environmental Policy Act (NEPA) review that may be required of other federal agencies (40 CFR § 52.21(s)).

For GHG pollutants, the BACT analysis is completed per EPA guidance (USEPA, 2011, and USEPA, 2014), and public participation and cooperation in separate NEPA analyses are required. Each of these requirements is described in more detail below.

### **BACT Analysis**

BACT is an emissions limitation based on the maximum degree of reduction for each NSR-regulated pollutant that will be emitted in significant amounts from a project; the administrative authority responsible for permitting on a case-by-case basis determines this limitation is achievable, while taking into account energy, environmental, and economic impacts, and other costs. BACT can include add-on control equipment, or modification of the production processes or methods (including fuel cleaning or treatment and innovative fuel combustion techniques).

BACT may also include a design, equipment, work practice, or operational standard if imposition of an emissions limit is infeasible.

BACT requires, at a minimum, compliance with all applicable federal NSPS and NESHAP rules, establishing a floor for the required levels of control. The NSPS and NESHAP rules applicable to the CP2 LNG Expansion Project are discussed below.

Further information regarding the BACT analysis for the CP2 LNG Expansion Project will be provided in the PSD permit application(s) which will be filed with LDEQ and subsequently submitted to FERC in a supplemental filing.

### **Source Impact Analysis**

In accordance with LAC 33:III.509.K (40 CFR § 52.21), a source must demonstrate that significant net emission increases of an NSR-regulated pollutant from a project will not cause or contribute to the violation of a primary or secondary NAAQS. Primary standards provide public health protection, including protecting the health of “sensitive” populations such as asthmatics, children, and the elderly with a margin of safety. Secondary standards provide public welfare protection, including protection against decreased visibility and potential damage to animals, crops, vegetation, and buildings. In addition, LAC 33:III.509.K requires a source to demonstrate that significant net emission increases of an NSR-regulated pollutant will not cause or contribute to an increase in ambient concentrations in excess of the relevant PSD increment for any criteria pollutant in any attainment or unclassifiable area. Air quality dispersion modeling analyses for each PSD pollutant emitted from the CP2 LNG Project with incremental emissions from CP2 LNG Project or the Compressor Station in excess of its SER will be conducted to demonstrate compliance with the NAAQS and PSD increment standards, as applicable. In addition, CP2 LNG will perform a Tier 1 assessment using the latest EPA Modeled Emission Rates for Precursors (MERPs) guidance to demonstrate compliance with the ozone NAAQS (EPA, 2024). The CP2 LNG Expansion Project’s source impact analysis results will be included in the PSD permit application(s) which will be filed with LDEQ and subsequently submitted to FERC in a supplemental filing.

### **Preconstruction Air Quality Monitoring**

A source must establish representative baseline ambient air quality in the area around the facility that is subject to PSD permitting. Ambient air quality concentrations near the CP2 LNG Expansion Project’s location and Silsbee Compressor Station are provided in tables 9.2.3-2 and 9.2.3-3, respectively.

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TABLE 9.2.3-2

| <b>CP2 LNG Expansion Project</b><br><b>Ambient Air Quality Concentrations for Areas near the CP2 LNG Expansion Project<sup>a</sup></b> |                      |                             |                   |                   |                   |                   |                                |
|----------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------------------------|-------------------|-------------------|-------------------|-------------------|--------------------------------|
| Pollutant                                                                                                                              | Averaging Period     | Rank                        | 2022 <sup>a</sup> | 2023 <sup>a</sup> | 2024 <sup>a</sup> | Units             | Monitor Station <sup>a,e</sup> |
| CO                                                                                                                                     | 1-hour               | 2 <sup>nd</sup>             | 1,833.0           | 3,207.7           | 1,489.3           | µg/m <sup>3</sup> | Deer Park (48-201-1039)        |
|                                                                                                                                        | 8-hour               | 2 <sup>nd</sup>             | 1,260.2           | 1,603.8           | 1,145.6           |                   |                                |
| NO <sub>2</sub>                                                                                                                        | Annual               | Mean                        | 10.2              | 9.7               | 9.0               | µg/m <sup>3</sup> | Westlake (22-019-0008)         |
|                                                                                                                                        | 1-hour               | 98 <sup>th</sup> percentile | 54.6              | 47.0              | 50.8              |                   |                                |
| Ozone                                                                                                                                  | 8-hour               | 4 <sup>th</sup>             | 0.065             | 0.070             | 0.066             | ppm               | Carlyss (22-019-0002)          |
| PM <sub>2.5</sub>                                                                                                                      | 24-hour              | 98 <sup>th</sup> percentile | 23                | 17                | 16                | µg/m <sup>3</sup> | Vinton (22-019-0009)           |
|                                                                                                                                        | Annual               | Mean                        | 7.6               | 8.1               | 7.6               |                   |                                |
| PM <sub>10</sub>                                                                                                                       | 24-hour              | 2 <sup>nd</sup>             | 84                | 48                | 42                | µg/m <sup>3</sup> | Lafayette (22-055-0007)        |
| SO <sub>2</sub>                                                                                                                        | 1-hour               | 99 <sup>th</sup> percentile | 23                | 6                 | 3                 | ppb               | Westlake (22-019-0008)         |
|                                                                                                                                        | 3-hour <sup>c</sup>  | 2 <sup>nd</sup>             | 27.4              | 6.3               | 3.8               |                   |                                |
|                                                                                                                                        | 24-hour              | 2 <sup>nd</sup>             | 7.7               | 1.7               | 1.2               |                   |                                |
|                                                                                                                                        | Annual               | Mean                        | 0.83              | 0.47              | 0.36              |                   |                                |
| Lead                                                                                                                                   | Rolling 3-month avg. | 1 <sup>st</sup>             | 0.01              | 0.01              | 0.01              | µg/m <sup>3</sup> | East Baton Rouge <sup>d</sup>  |

µg/m<sup>3</sup> = micrograms per cubic meter; ppb = parts per billion; ppm = parts per million

<sup>a</sup> Source: U.S. EPA's Monitor Values Report <https://www.epa.gov/outdoor-air-quality-data/monitor-values-report>. Note that no adjustments have been made to the monitored values for exclusion of data during exceptional events or atypical events.

<sup>b</sup> Averaging periods and values displayed for these monitors are as close to matching the relevant NAAQS averaging periods as possible. These monitors are certified by the EPA as suitable for NAAQS-compliance data gathering. The averaging periods used by these monitors may be used to calculate data expressed in accordance with the NAAQS averaging periods.

<sup>c</sup> Second highest 1-hr value is listed.

<sup>d</sup> The nearest monitor (Site ID 22-033-0014) is located in the East Baton Rouge Parish. No city location is specified, but maps indicate the monitor site is located in North Baton Rouge.

<sup>e</sup> All monitoring stations except for the Deer Park monitoring station are located in Louisiana. The Deer Park monitoring station is located in Texas.

TABLE 9.2.3-3

| <b>CP2 LNG Expansion Project (Silsbee Compressor Station)</b><br><b>Ambient Air Quality Concentrations for Areas near the Silsbee Compressor Station<sup>a</sup></b> |                  |                             |                   |                   |                   |                   |                   |                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------------------|
| Pollutant                                                                                                                                                            | Averaging Period | Rank                        | 2021 <sup>b</sup> | 2022 <sup>b</sup> | 2023 <sup>b</sup> | 2024 <sup>b</sup> | Units             | Monitor Station <sup>e</sup> |
| CO                                                                                                                                                                   | 1-hour           | 2 <sup>nd</sup>             | --                | 1,833.0           | 3,207.7           | 1,489.3           | µg/m <sup>3</sup> | Deer Park (48-201-1039)      |
|                                                                                                                                                                      | 8-hour           | 2 <sup>nd</sup>             | --                | 1,260.2           | 1,603.8           | 1,145.6           |                   |                              |
| NO <sub>2</sub>                                                                                                                                                      | Annual           | Mean                        | --                | 7.5               | 7.5               | 5.6               | µg/m <sup>3</sup> | West Orange (48-361-1001)    |
|                                                                                                                                                                      | 1-hour           | 98 <sup>th</sup> percentile | --                | 47.2              | 45.5              | 40.4              |                   |                              |
| Ozone                                                                                                                                                                | 8-hour           | 4 <sup>th</sup>             | --                | 0.062             | 0.068             | 0.067             | ppm               | West Orange (48-361-1001)    |
| PM <sub>2.5</sub>                                                                                                                                                    | 24-hour          | 98 <sup>th</sup> percentile | 18                | 18                | 21                | --                | µg/m <sup>3</sup> | Mauriceville (48-361-1100)   |
|                                                                                                                                                                      | Annual           | Mean                        | 7.8               | 8.1               | 9.0               | --                |                   |                              |
| PM <sub>10</sub>                                                                                                                                                     | 24-hour          | 2 <sup>nd</sup>             | --                | 70                | 82                | 59 <sup>c</sup>   | µg/m <sup>3</sup> | Clinton (48-201-1035)        |
| SO <sub>2</sub>                                                                                                                                                      | 1-hour           | 99 <sup>th</sup> percentile | --                | 19                | 22                | 28                | ppb               | Beaumont                     |

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|      |                      |                 |    |      |      |      |                   |                        |
|------|----------------------|-----------------|----|------|------|------|-------------------|------------------------|
|      | 3-hour <sup>b</sup>  | 2 <sup>nd</sup> | -- | 22.4 | 52.8 | 18.9 |                   | (48-245-0009)          |
|      | 24-hour              | 2 <sup>nd</sup> | -- | 5.7  | 7.5  | 4.5  |                   |                        |
|      | Annual               | Mean            | -- | 0.65 | 0.62 | 0.62 |                   |                        |
| Lead | Rolling 3-month avg. | 1 <sup>st</sup> | -- | 0.01 | 0.01 | 0.01 | µg/m <sup>3</sup> | Baker<br>(22-033-0014) |

µg/m<sup>3</sup> = micrograms per cubic meter; ppb = parts per billion; ppm = parts per million

<sup>a</sup> Source: For CO: U.S. EPA's Monitor Values Report <https://www.epa.gov/outdoor-air-quality-data/monitor-values-report>. For all other pollutants: <https://www.epa.gov/outdoor-air-quality-data/interactive-map-air-quality-monitors>. Note that no adjustments have been made to the monitored values for exclusion of exceptional events or atypical events.

<sup>b</sup> Averaging periods and Rank values displayed for these monitors are as close to matching the relevant NAAQS averaging periods as possible. These monitors are certified by the EPA as suitable for NAAQS-compliance data gathering. The averaging periods used by these monitors may be used to calculate data expressed in accordance with the NAAQS averaging periods.

<sup>c</sup> Concentrations are shown for the most recent three years that meet EPA completeness requirements as evaluations of the NAAQS are based on three years of data. For most monitors and pollutants, the most recent three years (2022-2024) meet completeness requirements and are shown. The PM<sub>2.5</sub> monitor at Mauriceville, Texas did not meet the completeness requirements in 2024 but did meet the completeness requirements each year in the 2021-2023 period. Accordingly, the 2021-2023 concentrations are shown. Further justification for the background monitor selection and determination of background values will be provided in the modeling protocols that will be submitted as part of the air permit applications.

<sup>d</sup> Concentrations are from the primary Federal Reference Method (FRM) monitor. In 2022 and 2023, the only monitors operating at the station were FRMs. On October 16, 2024, TCEQ installed a Federal Equivalent Method (FEM) monitor. The FRMs were decommissioned at this station in the first quarter of 2025; however, the FRMs and FEMs operated simultaneously for the final portion of 2024. The concentration shown is the second highest value from the FRM for 2024. See also USEPA, 2025, Technical Note: PM<sub>2.5</sub> Continuous Monitor Comparability Assessment.

<sup>e</sup> All monitoring stations except for the Baker monitoring station are located in Texas. The Baker monitoring station is located in Louisiana.

### Source Information and Compliance Obligations for the CP2 LNG Expansion Project and Silsbee Compressor Station

In Louisiana, a source must provide certain information to the permitting authority and agree to comply with certain obligations as set forth in LAC 33:III.509.N and R, and 40 CFR § 52.21 (n) and (r). This information is generally provided in the permit application, and any resulting compliance obligations are generally set forth in the final permit.

A summary of the proposed BACT limits for the emission sources associated with the proposed CP2 LNG Expansion Project will be provided in a supplemental filing; each of these limits will meet all applicable NSPS and NESHAP standards.

Based on the preliminary analysis, the Silsbee Compressor Station will not be subject to the PSD requirements. As such, BACT limits are not applicable to emission sources associated with the compressor station.

### Additional Impact Analyses for the CP2 LNG Expansion Project (Class I Areas, Soil and Vegetation, Visibility Analysis, and Growth Impact)

Federal Class I areas are areas of special national or regional natural, scenic, recreational, or historical value for which the PSD regulations provide special protection. There are 156 mandatory Class I areas in the United States. If a new source or major modification of an existing source is subject to the PSD program requirements and is: (1) within 100 kilometers (62 miles) of a Class I area; or (2) farther than 50 kilometers (31 miles) from a Class I area and the ratio of emissions of SO<sub>2</sub>, PM<sub>2.5</sub>, NO<sub>x</sub>, or sulfuric acid (Q) to the distance in kilometers (d) is

greater than 10 ( $Q/d > 10$ ), the facility is required to notify the appropriate federal officials and assess the impacts of the proposed project on the Class I area.

Breton National Wildlife Refuge (NWR) is the nearest Class I area to the CP2 LNG Terminal. The CP2 LNG and CP2 LNG Expansion Projects are about 420 kilometers (261 miles) west of the Breton NWR. Due to the significant distance from the Project's location to the Breton NWR, no impacts on Class I areas are anticipated from air emissions from the Project.

For most types of soil and vegetation, ambient concentrations of criteria pollutants below the secondary NAAQS will not result in harmful effects (USEPA, 1990). CP2 LNG will use the NAAQS compliance modeling analysis to evaluate the effects of the proposed Project on soil and vegetation.

The elements of the growth analysis will include a projection of the associated industrial, commercial, and residential growth that will occur in the area of impact due to the proposed Project, including the potential impact on ambient air resulting from this growth. This analysis will be included in the Title V and PSD permit application(s) for the CP2 LNG Expansion Project. Based on the distance from Class I areas to the Project's location, no visibility impacts are anticipated; thus, a visibility analysis or an air quality related values (AQRV) analysis is not required. Further justification will be included in the Title V and PSD permit applications for the CP2 LNG Expansion Project.

### **Public Participation and NEPA Coordination for PSD Permitting of the CP2 LNG Expansion Project**

LDEQ has adopted detailed public participation requirements that satisfy the requirements of the federal PSD rules; CP2 LNG will follow these requirements to obtain preconstruction permits for the CP2 LNG Expansion Project. All application materials will be available on the LDEQ Electronic Data Management System<sup>5</sup> shortly after submission. A public participation period of no less than 30 days is associated with a PSD permit, except for minor modifications that do not require public participation. For initial Title V permits, permit renewals, and significant modifications to existing permits, an EPA review period of no less than 45 days is also required for the proposed permit. Generally, these EPA and public review periods overlap such that the total review period is at least 45 days from proposal of a draft permit. If sufficient interest is generated, a public hearing may also be required.

The LDEQ will act as a cooperating state agency in the FERC NEPA proceedings for the CP2 LNG Expansion Project. CP2 LNG anticipates that EPA Region 6 will coordinate its review of any draft PSD permits with its review of any NEPA documents.

### **New Source Performance Standards**

Section 111 of the CAA authorized the EPA to develop technology-based standards that apply to specific categories of new stationary sources. These standards, referred to as NSPS, are found in 40 CFR Part 60. The NSPS apply to new, modified, and reconstructed affected facilities in specific source categories.

The following NSPS apply or potentially may apply to emission units at the CP2 LNG Expansion Project:

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<sup>5</sup> See <https://www.deq.louisiana.gov/page/edms>. Accessed March 2026.

- 40 CFR Part 60, Subpart A – General Provisions. The general provisions listed in Subpart A of 40 CFR Part 60 include broader definitions of applicability and various methods for maintaining compliance with requirements listed in the subsequent subparts of 40 CFR Part 60. Subpart A also specifies the state agencies to which the EPA has delegated authority to implement and enforce standards of performance. The LDEQ has been delegated authority for all 40 CFR Part 60 standards promulgated by the EPA, except for Subpart AAA – Standards of Performance for New Residential Wood Heaters, which is not applicable to the Project (40 CFR § 60.4(e)(2)).<sup>6</sup>
- 40 CFR Part 60, Subpart KKKKa – Standards of Performance for Stationary Combustion Turbines: This subpart regulates SO<sub>2</sub> and NO<sub>x</sub> emissions from gas turbines. The gas turbines at the CP2 LNG Expansion Project will comply with this NSPS.
- 40 CFR Part 60, Subpart Db – Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units: the hot oil heaters at the CP2 LNG Expansion Project will comply with this NSPS.
- 40 CFR Part 60 Subpart OOOOb – Standards of Performance for New, Reconstructed, and Modified Sources and Emissions Guidelines for Existing Sources: Oil and Natural Gas Sector Climate Review was promulgated on March 8, 2024. Through NSPS OOOOb, the EPA amended the VOC regulations in NSPS OOOO by expanding the scope of sources and adding additional requirements regarding CH<sub>4</sub> and VOC emissions. The applicability or non-applicability of this subpart to the proposed emission sources at the CP2 LNG Expansion Project will be addressed in the Title V and PSD permit application(s).

The following NSPS are potentially applicable to emission units at the Silsbee Compressor Station:

- 40 CFR Part 60, Subpart A – General Provisions. The general provisions listed in Subpart A of 40 CFR Part 60 include broader definitions of applicability and various methods for maintaining compliance with requirements listed in the subsequent subparts of 40 CFR Part 60. Subpart A also specifies the state agencies to which the EPA has delegated authority to implement and enforce standards of performance. The TCEQ received full, automatic delegation for all existing and future Part 60 NSPS, effective December 28, 1982 (48 Fed. Reg. 20,693), except as specifically limited in the rule itself and excluding Subpart AAA Standards of Performance for New Residential Wood Heaters,<sup>7</sup> which is not applicable to the Project (40 CFR § 60.4(e)(2)). Equipment located at the Compressor Station that is subject to any of the NSPS subparts listed below will also be subject to Subpart A.
- 40 CFR Part 60, Subpart JJJJ – Standards of Performance for Stationary Spark Ignition Internal Combustion Engines: the standby generator engines will comply with this NSPS.

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<sup>6</sup> See <https://deq.louisiana.gov/page/-delegation-of-epas-authority>. Accessed December 2025.

<sup>7</sup> See <https://www.epa.gov/tx/new-source-performance-standards-nsps-60-texas>. Accessed December 2025.

- 40 CFR Part 60, Subpart KKKKa – Standards of Performance for Stationary Combustion Turbines: This subpart regulates SO<sub>2</sub> and NO<sub>x</sub> from gas turbines. The gas turbines will comply with this NSPS.
- 40 CFR Part 60, Subpart OOOOb – Standards of Performance for New, Reconstructed, and Modified Sources and Emissions Guidelines for Existing Sources: Oil and Natural Gas Sector Climate Review was promulgated on March 8, 2024. Through NSPS OOOOb, the EPA amended the VOC regulations in NSPS OOOO by expanding the scope of sources and adding additional requirements regarding CH<sub>4</sub> and VOC emissions. This subpart will apply to some of the proposed emission sources at the Silsbee Compressor Station, and these requirements will be addressed in the application for the appropriate NSR authorization and Air Operating Permit (Title V).

### **National Emission Standards for Hazardous Air Pollutants**

The NESHAPs, codified in 40 CFR Parts 61 and 63, regulate the emissions of hazardous air pollutants (HAP) from new and existing sources. The 1990 CAA Amendments established a list of 189 HAPs, resulting in the promulgation of Part 63, which requires control of HAPs to Maximum Achievable Control Technology (MACT) standards. In addition, portions of Part 63 impose requirements to reduce residual risks posed by HAP emissions where the imposition of MACT does not adequately mitigate such risk. Part 63 regulates HAPs from major sources of HAPs and specific source categories emitting HAPs. Some NESHAPs may apply to non-major sources (area sources) of HAPs. Major source thresholds for NESHAPs are 10 tpy of any single HAP or 25 tpy of total HAPs.

The following NESHAPs apply or potentially apply to emission units at the CP2 LNG Expansion Project:

- 40 CFR Part 63, Subpart A – General Provisions. The general provisions listed in Subpart A include broader definitions of applicability and various methods for maintaining compliance with requirements listed in subsequent subparts of 40 CFR Part 63. This subpart also addresses the delegation of NESHAP authority to the states. Although not all NESHAPs have been delegated to the State of Louisiana, the specific NESHAPs that are applicable to the Project have been delegated and are implemented by the LDEQ (40 CFR § 63.99(a)(19)). All affected sources are subject to the general provisions of NESHAP Subpart A unless specifically excluded by the source-specific NESHAP. NESHAP Subpart A requires initial notification, performance testing, recordkeeping, and monitoring; additionally, it provides reference methods and mandates general control device requirements for all other subparts as applicable. Because the CP2 LNG Expansion Project are subject to another 40 CFR Part 63 subpart, the provisions of Subpart A are applicable.
- 40 CFR Part 63, Subpart YYYY – National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines. NESHAP Subpart YYYY requires control of formaldehyde emissions. The gas turbines at the CP2 LNG Expansion Project will comply with this NESHAP.
- 40 CFR Part 63, Subpart DDDDD – National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters. The hot oil heaters at the CP2 LNG Expansion Project will comply with this NESHAP.

- 40 CFR Part 63, Subpart EEEE – National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline): CP2 LNG will use the condensate loading arms permitted for the authorized CP2 LNG Phases 1 and 2; however, the Project may include additional fugitive components that would be subject to this rule. The applicability or non-applicability of this subpart to the proposed emission sources at the CP2 LNG Expansion Project will be addressed in the Title V and PSD permit application(s).

The following NESHAPs are potentially applicable to emission units at the Silsbee Compressor Station:

- 40 CFR Part 63, Subpart A – General Provisions. The general provisions listed in Subpart A include broader definitions of applicability and various methods for maintaining compliance with requirements listed in subsequent subparts of 40 CFR Part 63. This subpart also addresses the delegation of NESHAP authority to the states. Although not all NESHAPs have been delegated to the state in Texas, the specific NESHAPs that are applicable to the Project have been delegated and are implemented by the TCEQ (40 CFR § 63.99(a)(44)). All affected sources are subject to the general provisions of NESHAP Subpart A unless specifically excluded by the source-specific NESHAP. NESHAP Subpart A requires initial notification, performance testing, recordkeeping, and monitoring; additionally, it provides reference methods and mandates general control device requirements for all other subparts as applicable. Because the Silsbee Compressor Station is subject to another 40 CFR Part 63 subpart, the provisions of Subpart A are applicable.
- 40 CFR Part 63, Subpart ZZZZ – National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines. The standby generator engines at the Silsbee Compressor Station will comply with this NESHAP by demonstrating compliance with 40 CFR Part 60, Subpart JJJJ because the Compressor Station is an area source of hazardous air pollutants.

### **Title V Operating Permits**

In Louisiana, the EPA has delegated its 40 CFR Part 70 Operating Permit Program authority to issue Title V permits to the LDEQ, which has incorporated the program in LAC 33:III.507 and other provisions of Chapter 5.

In Texas, the EPA has delegated its 40 CFR Part 70 Operating Permit Program authority to issue Title V permits to the TCEQ, which has incorporated the program in 30 TAC Chapter 122, where such permits are called Air Operating Permits. In Texas, the Silsbee Compressor Station first will obtain an appropriate NSR authorization for construction and then will later obtain an Air Operating Permit.

The threshold potential to emit levels for triggering the applicability for a Title V permit are:

- 100 tpy of any criteria air pollutant;
- 10 tpy of any individual HAP; and
- 25 tpy of any combination of HAPs.

Based on current estimates, the CP2 LNG Expansion Project and Silsbee Compressor Station will each be subject to Title V permitting requirements.

### **General Conformity**

A General Conformity applicability analysis will be required for any part of the Project occurring in nonattainment or maintenance areas for criteria pollutants. Section 176(c) of the CAA requires federal agencies to ensure that federally approved or funded projects conform to the applicable approved State Implementation Plan. Such activities must not:

- Cause or contribute to any new violation of any standard in any area;
- Increase the frequency or severity of any existing violation of any standard in any area; or
- Delay timely attainment of any standard or any required interim emission reductions or other milestones in any area.

Neither Cameron Parish, Louisiana, nor Jasper County, Texas, in which the proposed Projects will have emission sources is designated as nonattainment or maintenance; therefore, the General Conformity requirements do not apply to the Project.

### **Stratospheric Ozone Protection**

The stratospheric ozone protection provisions are codified under 40 CFR Part 82. In addition, 40 CFR Part 84 was enacted to phase out hydrofluorocarbons that impact stratospheric ozone. The CP2 LNG Expansion Project and Silsbee Compressor Station will comply with all applicable provisions of 40 CFR Parts 82 and 84.

### **Greenhouse Gas Reporting Rule**

In September 2009, the EPA issued and signed the Mandatory Reporting of Greenhouse Gases Rule with the goal of collecting accurate GHG emissions data. These regulations, referred to as the GHG Reporting Program (GHGRP), are codified in 40 CFR Part 98. The rule requires large sources and suppliers in the United States to report GHG emissions data annually to the EPA, including information on how emissions are monitored, calculated, and data quality assurance for each source category applicable to each facility with emissions over the reporting threshold. The GHGRP was published in the Federal Register in October of 2009 and became effective in December 2009. On November 30, 2010, the EPA finalized reporting requirements for the petroleum and natural gas industry under 40 CFR Part 98, Subpart W, which includes LNG export terminals and natural gas transportation compressor stations.<sup>8</sup>

In addition, under Subpart C of the GHGRP, any facility that contains one or more stationary fuel combustion sources (including stationary gas turbines) must report GHG emissions under the GHGRP if the aggregated maximum rated heat input from all combustion sources is greater than 30 million British thermal units per hour and the facility emits more than 25,000 metric

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<sup>8</sup> In September 2025, EPA proposed a rule to suspend reporting requirements under 40 C.F.R. Part 98, Subpart W until 2034. See "Reconsideration of the Greenhouse Gas Reporting Program," 90 Fed. Reg. 44,591 (Sept. 16, 2025).

tons of CO<sub>2</sub>e in a calendar year.<sup>9</sup> This requirement will be applicable to the turbines at the CP2 LNG Expansion Project and the Silsbee Compressor Station.

Based on current estimates, the CP2 LNG Expansion Project and the Silsbee Compressor Station will each be subject to the GHGRP under subparts A, C, and W.

CP2 LNG plans to voluntarily capture and sequester an estimated 500,000 tpy of CO<sub>2</sub> emissions from the CP2 LNG Terminal Phase 1 and/or Phase 2 pre-treatment equipment, subject to regulatory approvals. The CO<sub>2</sub> will be compressed and then transported to be injected into saline aquifers. Additional CO<sub>2</sub> emissions from the CP2 LNG Expansion Project will be captured and stored as specified in Resource Report 11. By capturing and storing CO<sub>2</sub> emissions from the CP2 LNG Expansion Project, CP2 LNG will be meeting the market demand for LNG with a lower carbon intensity.

### **Class I Areas**

The CAA designated certain areas (e.g., wilderness areas, national parks) of the United States as Mandatory Federal Class I areas, based on their air quality being considered a special feature. Class I areas are protected against several types of pollution, including elevated levels of criteria pollutant concentrations, visibility degradation, and acid deposition. If a PSD project is within 62 miles (100 kilometers) of a Class I area, the project is required to notify the appropriate federal land manager and to assess potential impacts of that project on the nearby Class I area.

As discussed previously, in accordance with LAC 33:III.509.K, M, and O or 30 TAC § 116.160(c)(2)(B) and (40 CFR § 52.21), a source subject to PSD permitting must demonstrate that significant net emission increases of an NSR-regulated pollutant will not cause or contribute to an increase in ambient concentrations in excess of the relevant PSD Class I increments for any criteria pollutant in the Class I area.

If a new source or major modification of an existing source is subject to the PSD program requirements and is: (1) within 100 kilometers (62 miles) of a Class I area; or (2) farther than 50 kilometers (31 miles) from a Class I area and the ratio of emissions of SO<sub>2</sub>, PM<sub>2.5</sub>, NO<sub>x</sub>, or sulfuric acid (Q) to the distance in kilometers (d) is greater than 10 ( $Q/d > 10$ ), the facility is required to notify the appropriate federal officials and assess the impacts of the proposed project on the Class I area.

The CP2 LNG Expansion Project are farther than 50 kilometers (31 miles) from a Class I area. The closest Class I Area to the CP2 LNG Expansion Project is the Breton NWR to the east of New Orleans in the Gulf of America.<sup>10</sup> A Q/d analysis was completed for the CP2 LNG Expansion Project with incremental emission increase from the CP2 LNG Project in accordance with PSD guidelines and is presented in table 9.2.3-4. Because the calculated ratio of Q/d are greater than 10, notification of the federal land manager or assessment of the impact to the Class I area is not required.

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<sup>9</sup> In September 2025, EPA proposed revoking the Subpart C reporting requirements. See “Reconsideration of the Greenhouse Gas Reporting Program,” 90 Fed. Reg. 44,591 (Sept. 16, 2025).

<sup>10</sup> See <https://fdep.maps.arcgis.com/apps/webappviewer/index.html?id=ab25ed3c64704104ba2095910b6d0883>. Accessed December 2025.

| TABLE 9.2.3-4<br>CP2 LNG Expansion Project with incremental emission increase from the CP2 LNG Project<br>Q/d Analysis for Major Aboveground Facilities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                              |                                       |             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------------------------------|-------------|
| Project Component / Pollutant <sup>a</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Emissions (tpy) <sup>b</sup> | Distance to Nearest Class I Area (km) | Q/d ratio   |
| SO <sub>2</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 137.7                        |                                       |             |
| PM <sub>10</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 267.2                        |                                       |             |
| NO <sub>x</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 901.4                        |                                       |             |
| <b>Sum of Visibility-Affecting Pollutants</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>1,306.2</b>               | <b>420</b>                            | <b>3.11</b> |
| <b>Notes</b><br><sup>a</sup> All sulfur emitted by the CP2 LNG Expansion Project with incremental emission increase from the CP2 LNG Project was assumed to be emitted as SO <sub>2</sub> ; therefore, H <sub>2</sub> SO <sub>4</sub> was not included in the Q/d analysis.<br><sup>b</sup> Per Federal Land Management guidance, 24-hour maximum emissions for the worst-case operating scenario were used to calculate annual emissions for completion of the Q/d analysis. Further details regarding alternate operating scenarios will be provided in the Title V/PSD permit applications for the CP2 LNG Expansion Project.<br><sup>c</sup> The totals may not match the sum of addends due to rounding. |                              |                                       |             |

### 9.2.3.2 Chemical Accident Prevention Provisions

The chemical accident prevention provisions, codified in 40 CFR Part 68, are federal regulations designed to prevent the release of hazardous materials in the event of an accident, and to minimize potential impacts if a release does occur. The regulations contain a list of substances (including methane, propane, and ethylene) and threshold quantities for determining applicability to stationary sources. If a stationary source stores, handles, or processes one or more substances on this list in a quantity equal to or greater than the amount specified in the regulation, the facility must prepare and submit a risk management plan. A risk management plan is not required to be submitted to the EPA until the chemicals are stored on site at the facility.

If a facility does not have a listed substance on site or the quantity of a listed substance is below the applicability threshold, the facility does not have to prepare a risk management plan. However, if there is any regulated substance or other extremely hazardous substance on site, the facility must still comply with the requirements of the General Duty Clause in Section 112(r)(1) of the CAA.

Stationary sources are defined in 40 CFR Part 68 as any buildings, structures, equipment, installations, or substance-emitting stationary activities that belong to the same industrial group, that are on one or more contiguous properties, that are under the control of the same person (or persons under common control), and from which an accidental release may occur. However, the definition also states that the term “stationary source” does not apply to transportation, including storage incidental to transportation, of any regulated substance or any other extremely hazardous substance. The term “transportation” includes transportation subject to oversight or regulation by the Department of Transportation’s Pipeline and Hazardous Materials Safety Administration under 49 CFR Parts 192, 193, or 195. Based on these definitions, the CP2 LNG Expansion Project, which are subject to 49 CFR Part 193, and the Silsbee Compressor Station, which is subject to 49 CFR Part 192, will not be required to prepare a risk management plan, but instead will be subject to the equivalent protections of 49 CFR Parts 192 and 193. An analysis of the CP2 LNG Expansion Project design compliance with Part 193, including overpressure modeling, is

included in Resource Report 11. An analysis of the pipeline design (including the Silsbee Compressor Station and the 1.5-mile pipeline to connect to the kickoff of the CP Express Pipeline) is also included in Resource Report 11.

### **9.2.3.3 State of Louisiana Regulations – CP2 LNG Expansion Project**

#### **Louisiana Air Pollution Control Regulations**

The LDEQ is the lead air permitting authority for the CP2 LNG Expansion Project. The LDEQ's authority to regulate and protect air quality within the state is established in the Louisiana Air Control Law, La. R.S. 30:2051 et seq. The LDEQ air quality regulations are codified in LAC Title 33, Part III, Chapters 1 through 59. The regulations incorporate the federal Clean Air Act program requirements listed in 40 CFR Parts 50 through 99 and establish permit application review procedures for all facilities that emit pollutants to the ambient air. New stationary sources and major modifications to existing stationary sources are required to obtain an air quality permit prior to initiating construction. In addition, La. R.S. 30:2054 delegates authority to the LDEQ to maintain air quality resources in Louisiana and enforce LDEQ air quality regulations.

The following regulations are applicable to the CP2 LNG Expansion Project in Louisiana:

- Chapter 2—Rules and Regulations for the Fee System of the Air Quality Control Program
- Chapter 5—Permit Procedures
- Chapter 9—General Regulations on Control of Emissions and Emission Standards
- Chapter 11—Control of Air Pollution from Smoke
- Chapter 13—Emission Standards for Particulate Matter (including standards for some specific facilities)
- Chapter 15—Emission Standards for Sulfur Dioxide
- Chapter 21—Control of Emission of Organic Compounds
- Chapter 51—Comprehensive Toxic Air Pollutant Emission Control Program
- Chapter 56—Prevention of Air Pollution Emergency Episodes

In addition, the Clean Air Act requires that certain federally applicable rules be included in a Title V permit, even where enforcement of such rules is retained by EPA rather than the state. Examples of such requirements applicable to the CP2 LNG Expansion Project include:

- 40 C.F.R. Part 82—Protection of Stratospheric Ozone
- 40 C.F.R. Part 84—Phasedown of Hydrofluorocarbons

#### **Louisiana Toxic Air Pollutant Regulations**

Louisiana Toxic Air Pollutant regulations are codified in LAC 33:III.Chapter 51 (Comprehensive Toxic Air Pollutant Emission Control Program), which regulates substances designated by rule as toxic air pollutants (TAPs). There is substantial overlap between the list of Louisiana TAPs (LTAPs) and the federal Clean Air Act list of Hazardous Air Pollutants (HAPs); however, the LTAP list includes substances such as ammonia that are not regulated as HAPs.

LDEQ has incorporated federal NESHAP under 40 CFR Parts 61 and 63, which establish requirements to use Maximum Achievable Control Technology (MACT), and in some cases residual risk standards. Louisiana requires case-by-case MACT for Class I and II TAPs that are not regulated by federal NESHAP standards. In addition to these technology-based standards, LDEQ has established Louisiana Ambient Air Quality Standards for at least 100 HAPs/LTAPs that set forth the maximum allowable ambient concentration at the property boundary in the form of 8-hour standards for HAPs/LTAPs with potential acute effects and annual average standards for HAPs/LTAPs with potential chronic effects. These standards are applicable to facilities emitting greater than a Minimum Emission Rate (MER) for an LTAP. HAP/LTAP emissions from the CP2 LNG Expansion Project will be provided in the air permit application(s), which will be filed with LDEQ and subsequently submitted to FERC in a supplemental filing.

Further information including a comparison of LTAP emissions to their corresponding MER listed in Table 51.1 of LAC 33:III.Chapter 51 will be included in the Title V permit application(s) for the CP2 LNG Expansion Project and affected sources from authorized CP2 LNG Project, which are anticipated to be filed in the second quarter of 2026.

### **Louisiana Environmental Assessment Statement**

Louisiana also requires an applicant for an air quality permit for a major new facility or a major modification to an existing facility to prepare an environmental assessment statement (EAS) pursuant to state-only requirements set forth in La. R.S. 30:2018. The EAS required by La. R.S. 30:2018 is intended to full the LDEQ's public trustee duty under Article IX, Section I, of the Louisiana Constitution which directs the legislature to enact laws to protect "natural resources of the state, including air and water, and health, scenic, historic, and esthetic value of the environment . . . insofar as possible and consistent with the health, safety, and welfare of the people."<sup>11</sup>

The EAS must thoroughly address the following issues regarding the proposed permit activity:

- (1) The potential and real adverse environmental effects of the proposed permit activities, including all environmental media (air, land, surface water, groundwater and other potential impacts such as noise and light).
- (2) A cost-benefit analysis of the environmental impact costs of the proposed activity balanced against the social and economic benefits of the activity which demonstrates that the latter outweighs the former.
- (3) The alternatives to the proposed activity which would offer more protection to the environment without unduly curtailing non-environmental benefits, including a review of alternative sites, alternative projects, and mitigating measures.

The applicant is required to submit copies of the statement to the local governmental authority at the same time as submitted to LDEQ. The LDEQ is required to conduct a public hearing on the environmental assessment statement in the parish where the facility is located if requested by any government official or resident. CP2 LNG will prepare this environmental

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<sup>11</sup> The EAS requirement in La. R.S. 30:2018 is part of the Louisiana State Implementation Plan and is required for Title V permit review. *Sierra Club v. La. Dept. Of Env. Quality*, 100 Fed. 4th 555, 571 (5th Cir. 2024).

assessment statement as part of its Title V and PSD permit application(s) for the CP2 LNG Expansion Project.

#### **9.2.3.4. State of Texas Regulations – Silsbee Compressor Station**

The TCEQ is the air permitting authority for the Silsbee Compressor Station. The TCEQ's statutory authority to regulate and protect air quality within the state is established in the Texas Health and Safety Code, Chapter 382 (the Texas Clean Air Act or TCAA). The TCEQ air quality regulations are codified in 30 TAC Part I, Chapters 101 through 122. The regulations incorporate portions of the federal Clean Air Act program requirements listed in 40 CFR Parts 50 through 99 and establish permit application review procedures for all facilities that emit pollutants to the ambient air. New stationary sources and major modifications to existing stationary sources are required to obtain an air quality permit or authorization prior to initiating construction. The following regulations from 30 TAC, Part 1, are applicable to the Silsbee Compressor Station in Texas:

- Chapter 101 – General Air Quality Rules
- Chapter 111 – Control of Air Pollution from Visible Emissions and Particulate Matter
- Chapter 113 – Standards of Performance for Hazardous Air Pollutants and for Designated Facilities and Pollutants
- Chapter 116 – Control of Air Pollution by Permits for New Construction or Modification
- Chapter 118 – Control of Air Pollution Episodes
- Chapter 122 – Federal Operating Permits

#### **TCEQ Modeling and Effects Review**

As part of the permitting process in 30 TAC Chapter 116, TCEQ staff conducts a preconstruction technical review. This review ensures that the operation of a proposed facility will comply with the rules of the TCEQ, the intent of the TCAA, and will not cause or contribute to a condition of unacceptable air pollution. The permit application review includes an assessment of human health and welfare effects related to emissions from operations, including any planned maintenance, startup, and shutdown activities. Generally, this assessment is accomplished through air dispersion modeling in accordance with relevant federal and state guidance<sup>12</sup> and comparison of modeled results to federal NAAQS and applicable state ambient standards. If there are no state or national ambient air quality standards for a pollutant to be evaluated against via dispersion modeling methods, the pollutant is evaluated through the TCEQ's Modeling and Effects Review Applicability (MERA) process.<sup>13</sup> A MERA evaluation must be conducted for all pollutants whose short-term or long-term allowable emission rate will be emitted from a new emission point or will increase from any existing emission point through the project. TCEQ has established Effects Screening Levels (ESLs) to evaluate chemicals through the MERA process.<sup>14</sup>

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<sup>12</sup> TCEQ, Air Permits Division, GI-644, "Air Quality Modeling Guidance," (Dec. 2025), *available at*: <https://www.tceq.texas.gov/downloads/permitting/air/publications/nsr/gi-644-airquality-modeling-guidelines.pdf>. Accessed Jan. 2026.

<sup>13</sup> TCEQ, Air Permits Division, "Air Permit Reviewer Reference Guide, APDG 5874, Modeling and Effects Review Applicability (MERA)," (Mar. 2018), *available at*: <https://www.tceq.texas.gov/assets/public/permitting/air/Guidance/NewSourceReview/mera.pdf>. Accessed Jan. 2026.

<sup>14</sup> *Id.* at Appendix B.

A modeling evaluation and, if needed, a MERA evaluation will be included as part of the appropriate NSR authorization application for the Silsbee Compressor Station to be submitted to TCEQ during the third quarter of 2026.

### **9.2.4 Air Quality Analysis—Construction**

Project construction emissions may be generated from the following sources: vehicular travel to and from the construction site(s) for workers, equipment, and supplies; on-site diesel and gasoline-fired construction equipment operation; marine vessels; concrete batch plant and generation of fugitive dust from the use of unpaved roads and construction areas.

The Applicants plan to start construction of the Expansion Project soon after the receipt of Commission authorization and other necessary regulatory permits and approvals, and target commencing construction of the CP2 LNG Expansion Project as soon as early 2027. Similarly, construction of the Silsbee Compressor Station and associated 2,000 ft. lateral pipeline is targeted to commence as soon as the first quarter of 2027.<sup>15</sup>

#### **9.2.4.1 Construction Emissions Impacts**

The Project will result in air quality impacts associated with construction, including emissions from fossil-fueled construction equipment, concrete batch plants, and fugitive dust. The construction-related emissions will be temporary in nature and will not significantly affect regional air quality.

Emissions from construction equipment will depend on the duration and type of construction activity, together with the number and type of vehicles and engine-powered equipment units in use at any point in time. Earth-moving equipment and other mobile sources may be powered by diesel or gasoline engines, which are sources of combustion-related emissions that include CO, NO<sub>x</sub>, PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub>, VOCs, GHGs, and minimal amounts of HAPs. EPA's Motor Vehicle Emission Simulator (MOVES) was used to estimate emissions from construction equipment.<sup>16</sup> Engines will only be allowed to run during active use. Emissions from equipment associated with the construction of the Silsbee Compressor Station will be short-term and localized in the area of the construction.

A summary of the estimated Project construction emissions is provided in table 9.2.4-1 in appendix 9A. The emissions identified include construction emissions from the CP2 LNG Expansion Project and the Silsbee Compressor Station and associated 1.5-mile lateral pipeline. Details of the construction-related air pollutant emission calculations for the Project are provided in appendix 9B.

#### **9.2.4.2 Construction Emissions Mitigation**

Mitigation of engine exhaust and dust from construction activities will be required. Emissions from diesel and gasoline-fired construction equipment will be minimized by maintaining the equipment in accordance with the manufacturer's recommendations and, to the extent practicable, by minimizing the idling time of engines and maintaining low onsite speeds. All engines will meet applicable EPA emission standards and inspection requirements. Diesel fueled sources in Texas will meet the requirements of the Texas Low Sulfur Diesel program, which is

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<sup>15</sup> Additional details regarding Project facilities proposed in the CP2 LNG Expansion Project are provided in section 1.3 of Resource Report 1.

<sup>16</sup> USEPA. (2024). Motor Vehicle Emission Simulator: MOVES5 (Version 5.0.0) [Computer software]. <https://www.epa.gov/moves>.

applicable to Jasper County, where the Silsbee Compressor Station will be located.<sup>17</sup> In addition, the equipment used for construction of the Silsbee Compressor Station and 1.5 mile pipeline lateral will be required to use low volatility gasoline (May 1 through October 1) per 30 TAC Ch. 114 requirements.

Fugitive emissions of particulate matter (dust) and traffic related emissions during construction will be controlled in accordance with the Fugitive Dust Control Plan already approved by FERC for CP2 LNG and CP Express (see appendix 9F). The plan will be updated to address the CP2 LNG Expansion Project, the Silsbee Compressor Station, and the associated 2,000 ft. lateral pipeline. This plan was designed to meet or exceed the requirements of the Louisiana regulations in LAC Title 33, Part III, Chapter 13, which require the use of all reasonable precautions for the prevention of particulate matter becoming airborne. Such measures may include, but are not limited to:

1. use of water or chemicals for control of dust during land clearing, road grading, demolition of existing buildings or structures, and other construction activities that generate fugitive dust;
2. in certain cases, application of asphalt, oil, water, or suitable chemicals on dirt roads, materials stockpiles, and other surfaces that can give rise to airborne dusts;
3. in certain cases, installation and use of dust collectors to enclose and vent the handling of dust-emitting materials;
4. use of adequate containment methods during sandblasting or similar operations;
5. covering of open-bodied trucks in the process of transporting materials likely to give rise to airborne dust;
6. paving of roadways and maintenance of roadways in a clean condition; and
7. for paved streets, prompt removal of earth or other material originating from trucks or earth-moving equipment, erosion of surrounding land, or other sources.

The current Fugitive Dust Control Plan is found in appendix 9F, which will be updated at a future date to include the CP2 LNG Expansion Project and the Silsbee Compressor Station construction emissions.

### **9.2.5 Air Quality Analysis—Operation**

Operational emission sources at the CP2 LNG Expansion Project with incremental emissions increases from the CP2 LNG Project and Silsbee Compressor Station are identified in sections 9.2.5.1 and 9.2.5.2, respectively. More detailed information, including air dispersion modeling performed in accordance with PSD regulations and applicable EPA Guidelines in 40 CFR Part 51, Appendix W, and applicable Louisiana and Texas guidance, will be included with the air permit applications for the Project.

The Project will have a permanent, minor impact on existing air quality. Impacts are not expected to be significant because the Project's operations will comply with all state and federal

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<sup>17</sup> See <https://www.tceq.texas.gov/airquality/mobilesource/txled>. Accessed December 2025.

air quality regulations such that the expected emission increases from the Project will not exceed NAAQS, LAAS, or TCEQ Air Quality Comparison Values.

### 9.2.5.1 CP2 LNG Expansion Project

The CP2 LNG Expansion Project will include:

- a. Six liquefaction blocks, each with two single mixed refrigerant process units and ancillary support facilities
- b. A 720 MW Power Island System consisting of five (5) 7 EA.03 gas turbines with HRSGs and two (2) steam generators
- c. Four (4) hot oil heaters
- d. Three (3) gas pre-treatment facilities to be controlled by three (3) thermal oxidizers
- e. Two (2) NRUs and three (3) LNG Expanders
- f. Five (5) boil- off gas compressors;
- g. Additional utilities and safety systems, like those already authorized; and
- h. One (1) new marine berth for LNG loading

No aeroderivative turbines, emergency diesel generators or firewater pumps are proposed for CP2 LNG Expansion Project. No new flares are proposed. No new LNG tanks, diesel storage systems, aqueous ammonia storage systems, or amine storage tanks are proposed. No new transfer rack for condensate loading is required because the authorized CP2 LNG Terminal loading racks will be used. Although no new pipeline will be constructed, the CP Express pipeline will be expanded and a new compressor station will be added in Silsbee, Texas. In addition, CP2 LNG will construct various support facilities. The estimated operational emissions from the Project are presented in table 9.2.5-1.

| Table 9.2.5-1                                                                                                                                     |                 |              |             |                  |                   |                 |                               |                                   |                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------|-------------|------------------|-------------------|-----------------|-------------------------------|-----------------------------------|-------------------------|
| CP2 LNG Expansion Project                                                                                                                         |                 |              |             |                  |                   |                 |                               |                                   |                         |
| Estimated Operational Emissions from the Proposed CP2 LNG Expansion Project and Associated Emission Increases from the Authorized CP2 LNG Project |                 |              |             |                  |                   |                 |                               |                                   |                         |
| Emission Unit                                                                                                                                     | NO <sub>x</sub> | CO           | VOC         | PM <sub>10</sub> | PM <sub>2.5</sub> | SO <sub>2</sub> | CO <sub>2e</sub> <sup>a</sup> | Largest Individual HAP (n-Hexane) | Total HAPs <sup>b</sup> |
| <b>Proposed CP2 LNG Expansion Project</b>                                                                                                         |                 |              |             |                  |                   |                 |                               |                                   |                         |
| Combined Cycle Combustion Turbines                                                                                                                | 290.6           | 342.0        | 43.7        | 160.9            | 160.9             | 26.5            | 3,534,580                     | 1.1                               | 13.2                    |
| Hot Oil Heaters                                                                                                                                   | 83.2            | 211.0        | 13.8        | 19.1             | 19.1              | 31.1            | 279,336                       | 4.5                               | 1.2                     |
| Acid Gas Thermal Oxidizers <sup>c</sup>                                                                                                           | 44.0            | 26.4         | 2.2         | 2.4              | 2.4               | 44.8            | 857,820                       | <0.1                              | 0.8                     |
| Nitrogen Rejection Units                                                                                                                          | -               | -            | -           | -                | -                 | -               | 823                           | -                                 | -                       |
| Equipment Leaks                                                                                                                                   | -               | -            | 1.1         | -                | -                 | -               | 3,250                         | <0.1                              | <0.1                    |
| <b>Total PTE</b>                                                                                                                                  | <b>417.8</b>    | <b>579.3</b> | <b>60.8</b> | <b>182.3</b>     | <b>182.3</b>      | <b>102.4</b>    | <b>4,675,809</b>              | <b>5.7</b>                        | <b>15.2</b>             |
| <b>Associated Increases from Authorized CP2 LNG Project<sup>d</sup></b>                                                                           |                 |              |             |                  |                   |                 |                               |                                   |                         |
| Cold Flare                                                                                                                                        | 24.8            | 113.1        | 61.3        | 2.7              | 2.7               | <0.1            | 45,953                        | 0.1                               | 0.1                     |
| Warm Flare                                                                                                                                        | 6.1             | 27.7         | 4.6         | 0.7              | 0.7               | 0.1             | 11,519                        | 0.1                               | 0.1                     |
| Enclosed Ground LP Flare                                                                                                                          | 38.8            | 176.8        | 8.4         | 4.3              | 4.3               | 0.3             | 76,382                        | 0.1                               | 0.2                     |

CP2 LNG Expansion Project  
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Table 9.2.5-1

| CP2 LNG Expansion Project                                                                                                                         |                 |              |             |                  |                   |                 |                               |                                   |                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------|-------------|------------------|-------------------|-----------------|-------------------------------|-----------------------------------|-------------------------|
| Estimated Operational Emissions from the Proposed CP2 LNG Expansion Project and Associated Emission Increases from the Authorized CP2 LNG Project |                 |              |             |                  |                   |                 |                               |                                   |                         |
| Emission Unit                                                                                                                                     | NO <sub>x</sub> | CO           | VOC         | PM <sub>10</sub> | PM <sub>2.5</sub> | SO <sub>2</sub> | CO <sub>2e</sub> <sup>a</sup> | Largest Individual HAP (n-Hexane) | Total HAPs <sup>b</sup> |
| Ground Flare                                                                                                                                      | 12.9            | 59.0         | 3.3         | 1.4              | 1.4               | 0.1             | 26,234                        | <0.1                              | 0.3                     |
| SCR Aqueous Ammonia Storage Tank 1                                                                                                                | -               | -            | -           | -                | -                 | -               | -                             | -                                 | 0.4                     |
| SCR Aqueous Ammonia Storage Tank 2                                                                                                                | -               | -            | -           | -                | -                 | -               | -                             | -                                 | 0.4                     |
| Aqueous Ammonia Storage Tank 1                                                                                                                    | -               | -            | -           | -                | -                 | -               | -                             | -                                 | <0.1                    |
| Aqueous Ammonia Storage Tank 2                                                                                                                    | -               | -            | -           | -                | -                 | -               | -                             | -                                 | <0.1                    |
| Amine Storage Tank 1                                                                                                                              | -               | -            | <0.1        | -                | -                 | -               | -                             | -                                 | -                       |
| Amine Storage Tank 2                                                                                                                              | -               | -            | <0.1        | -                | -                 | -               | -                             | -                                 | -                       |
| Diesel Fuel Storage Tank 1 (LNG Terminal)                                                                                                         | -               | -            | <0.1        | -                | -                 | -               | -                             | -                                 | <0.1                    |
| Diesel Fuel Storage Tank 2 (Marine Terminal)                                                                                                      | -               | -            | <0.1        | -                | -                 | -               | -                             | -                                 | -                       |
| Condensate Truck Loading                                                                                                                          | -               | -            | 3.5         | -                | -                 | -               | -                             | -                                 | -                       |
| Truck Traffic (Paved Roads)                                                                                                                       | -               | -            | -           | 0.3              | 0.1               | -               | -                             | -                                 | -                       |
| Truck Traffic (Unpaved Roads)                                                                                                                     | -               | -            | -           | 1.5              | 0.2               | -               | -                             | -                                 | -                       |
| <b>Total PTE</b>                                                                                                                                  | <b>82.6</b>     | <b>376.6</b> | <b>81.1</b> | <b>10.8</b>      | <b>9.3</b>        | <b>0.4</b>      | <b>160,088</b>                | <b>0.3</b>                        | <b>1.5</b>              |
| <b>Total Project</b>                                                                                                                              |                 |              |             |                  |                   |                 |                               |                                   |                         |
| Combined Cycle Combustion Turbines                                                                                                                | 290.6           | 342.0        | 43.7        | 160.9            | 160.9             | 26.5            | 3,534,580                     | 1.1                               | 13.2                    |
| Hot Oil Heaters                                                                                                                                   | 83.2            | 211.0        | 13.8        | 19.1             | 19.1              | 31.1            | 279,336                       | 4.5                               | 1.2                     |
| Acid Gas Thermal Oxidizers                                                                                                                        | 44.0            | 26.4         | 2.2         | 2.4              | 2.4               | 44.8            | 857,820                       | <0.1                              | 0.8                     |
| Nitrogen Removal Units                                                                                                                            | -               | -            | -           | -                | -                 | -               | 823                           | -                                 | -                       |
| Equipment Leaks                                                                                                                                   | -               | -            | 1.1         | -                | -                 | -               | 3,250                         | <0.1                              | <0.1                    |
| Cold Flare                                                                                                                                        | 24.8            | 113.1        | 61.3        | 2.7              | 2.7               | <0.1            | 45,953                        | 0.1                               | 0.1                     |
| Warm Flare                                                                                                                                        | 6.1             | 27.7         | 4.6         | 0.7              | 0.7               | 0.1             | 11,519                        | 0.1                               | 0.1                     |
| Enclosed Ground LP Flare                                                                                                                          | 38.8            | 176.8        | 8.4         | 4.3              | 4.3               | 0.3             | 76,382                        | 0.1                               | 0.2                     |
| Enclosed Marine ground Flare                                                                                                                      | 12.9            | 59.0         | 3.3         | 1.4              | 1.4               | 0.1             | 26,234                        | <0.1                              | 0.3                     |
| SCR Aqueous Ammonia Storage Tank 1                                                                                                                | -               | -            | -           | -                | -                 | -               | -                             | -                                 | 0.4                     |
| SCR Aqueous Ammonia Storage Tank 2                                                                                                                | -               | -            | -           | -                | -                 | -               | -                             | -                                 | 0.4                     |
| Aqueous Ammonia Storage Tank 1                                                                                                                    | -               | -            | -           | -                | -                 | -               | -                             | -                                 | <0.1                    |
| Aqueous Ammonia Storage Tank 2                                                                                                                    | -               | -            | -           | -                | -                 | -               | -                             | -                                 | <0.1                    |
| Amine Storage Tank 1                                                                                                                              | -               | -            | <0.1        | -                | -                 | -               | -                             | -                                 | -                       |
| Amine Storage Tank 2                                                                                                                              | -               | -            | <0.1        | -                | -                 | -               | -                             | -                                 | -                       |
| Diesel Fuel Storage Tank 1 (LNG Terminal)                                                                                                         | -               | -            | <0.1        | -                | -                 | -               | -                             | -                                 | <0.1                    |
| Diesel Fuel Storage Tank 2 (Marine Terminal)                                                                                                      | -               | -            | <0.1        | -                | -                 | -               | -                             | -                                 | -                       |
| Condensate Truck Loading                                                                                                                          | -               | -            | 3.5         | -                | -                 | -               | -                             | -                                 | -                       |

| Table 9.2.5-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |              |              |                  |                   |                 |                               |                                   |                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------|--------------|------------------|-------------------|-----------------|-------------------------------|-----------------------------------|-------------------------|
| CP2 LNG Expansion Project                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                 |              |              |                  |                   |                 |                               |                                   |                         |
| Estimated Operational Emissions from the Proposed CP2 LNG Expansion Project and Associated Emission Increases from the Authorized CP2 LNG Project                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |              |              |                  |                   |                 |                               |                                   |                         |
| Emission Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | NO <sub>x</sub> | CO           | VOC          | PM <sub>10</sub> | PM <sub>2.5</sub> | SO <sub>2</sub> | CO <sub>2e</sub> <sup>a</sup> | Largest Individual HAP (n-Hexane) | Total HAPs <sup>b</sup> |
| Truck Traffic (Paved Roads)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -               | -            | -            | 0.3              | 0.1               | -               | -                             | -                                 | -                       |
| Truck Traffic (Unpaved Roads)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -               | -            | -            | 1.5              | 0.2               | -               | -                             | -                                 | -                       |
| <b>Total PTE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>500.4</b>    | <b>955.9</b> | <b>142.0</b> | <b>193.1</b>     | <b>191.6</b>      | <b>102.9</b>    | <b>4,835,897</b>              | <b>6.0</b>                        | <b>16.6</b>             |
| Title V Threshold                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 100             | 100          | 100          | 100              | 100               | 100             | -                             | 10                                | 25                      |
| PSD Major Source Threshold                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 250             | 250          | 250          | 250              | 250               | 250             | 100,000                       | -                                 | -                       |
| PSD Significant Emission Rate <sup>e</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 40              | 100          | 40           | 15               | 10                | 40              | 75,000                        | -                                 | -                       |
| PTE = potential to emit<br><sup>a</sup> CP2 LNG Expansion Project's CO <sub>2e</sub> emissions do not reflect CO <sub>2</sub> reductions through the voluntary carbon capture and sequestration project.<br><sup>b</sup> Total HAP emissions are aggregated individual HAP emissions.<br><sup>c</sup> Emissions from the AGTO are based on total acid gas flow from CP2 LNG Expansion Project sources routed to a single AGTO. Additional AGTOs may operate as backups.<br><sup>d</sup> The authorized CP2 LNG Facility emissions are the incremental emissions increases from affected sources at Venture Global CP2 LNG LLC's CP2 LNG Terminal associated with the CP2 LNG Expansion Project.<br><sup>e</sup> The CP2 LNG Expansion Project will be part of the Venture Global CP2 LNG, LLC stationary source. Because Venture Global CP2 LNG, LLC is a permitted major stationary source, emissions associated with the CP2 LNG Expansion Project were compared against their respective PSD Significant Emission Rate thresholds.<br><sup>f</sup> The totals may not match the sum of addends due to rounding. |                 |              |              |                  |                   |                 |                               |                                   |                         |

Further details regarding emission units and CP2 LNG Expansion Project's operational emissions will be included with the Title V and PSD air permit application(s) anticipated to be filed with LDEQ in the second quarter of 2026.

### 9.2.5.2 Silsbee Compressor Station

As part of the approved CP Express Pipeline, a new mainline compressor station will be constructed and named the Silsbee Compressor Station. An approximately 2,000 foot long new 48-inch diameter pipeline will connect the new compressor station to the existing CP Express Pipeline at around milepost 4.8. The Silsbee Compressor Station will be located near the town of Evadale in Jasper County, Texas (around the start of the CP Express Pipeline). It will include approximately 227,000 horsepower (HP) of compression. The installation of this compressor station will allow CP Express Pipeline to feed additional natural gas from East Texas to the CP2 LNG Terminal in Cameron, Louisiana.

The Silsbee Compressor Station will operate five mainline natural gas turbines with a total capacity of approximately 227,000 horsepower (HP) of compression. Annual operational emissions from Silsbee Compressor Station are provided in table 9.2.5-2 below. As previously noted, the Silsbee Compressor Station will not be subject to PSD permitting because the emissions of all of its criteria pollutants are less than 250 tons per year.

| TABLE 9.2.5-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |                 |             |                                         |                 |                                |                              |               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|-------------|-----------------------------------------|-----------------|--------------------------------|------------------------------|---------------|
| CP2 LNG Expansion Project<br>Silsbee Compressor Station Estimated Operational Emissions (in TPY)                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |                 |             |                                         |                 |                                |                              |               |
| Emission Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | NO <sub>x</sub> | CO <sup>c</sup> | VOC         | PM <sub>10</sub> /<br>PM <sub>2.5</sub> | SO <sub>2</sub> | CO <sub>2</sub> e <sup>b</sup> | Largest<br>Individual<br>HAP | Total<br>HAPs |
| Simple Cycle Combustion Turbines (5)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 240.8           | 35.8            | 28.7        | 34.4                                    | 8.1             | 848,588                        | 2.3                          | 4.9           |
| Emergency Generator Engines (6)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4.8             | 9.6             | 2.4         | 0.1                                     | <0.1            | 906                            | 0.4                          | 0.6           |
| Condensate Storage Tanks (2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | NA              | NA              | <0.1        | NA                                      | NA              | NA                             | <0.1                         | <0.1          |
| Catalytic Gas Heaters (10)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <0.1            | 3.3             | 0.1         | NA                                      | <0.1            | 340                            | <0.1                         | <0.1          |
| Fugitive Equipment Leaks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | NA              | NA              | 13.7        | NA                                      | NA              | 1,709                          | <0.1                         | 0.1           |
| Fugitive Road Dust Emissions <sup>a</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | NA              | NA              | NA          | 0.5 <sup>a</sup>                        | NA              | NA                             | NA                           | NA            |
| Misc. Activities (maintenance, other)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | NA              | NA              | 19.5        | NA                                      | NA              | 20,635                         | 0.4                          | 0.6           |
| <b>Total PTE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>245.6</b>    | <b>48.7</b>     | <b>64.3</b> | <b>34.9</b>                             | <b>8.1</b>      | <b>872,178</b>                 | <b>2.7</b>                   | <b>6.1</b>    |
| <b>Title V Threshold</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>100</b>      | <b>100</b>      | <b>100</b>  | <b>100</b>                              | <b>100</b>      | <b>NA</b>                      | <b>10</b>                    | <b>25</b>     |
| <b>PSD Major Source</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>250</b>      | <b>100</b>      | <b>40</b>   | <b>15/10</b>                            | <b>40</b>       | <b>75,000</b>                  | <b>NA</b>                    | <b>NA</b>     |
| <sup>a</sup> Fugitive Road Dust Emissions are 0.5 tpy for PM <sub>10</sub> and 0.05 tpy for PM <sub>2.5</sub> .<br><sup>b</sup> Short tons (2,000 pounds), not long or metric tons, are used in PSD applicability calculations. Metric tons are used in the GHG reporting rule.<br><sup>c</sup> The CO emissions account for an 80% control efficiency from use of Catalytic Oxidation which is required as BACT (TCEQ Tier 1 guidance).<br><sup>d</sup> The totals may not match the sum of addends due to rounding. |                 |                 |             |                                         |                 |                                |                              |               |

Further details regarding emission sources and calculations, as well as a modeling analysis for the Silsbee Compressor Station (as required by TCEQ) will be included in the appropriate NSR authorization application anticipated to be filed with TCEQ in the third quarter of 2026.

### 9.2.5.3 Pipeline System

There will be minimal emissions of VOC and CO<sub>2</sub>e resulting from fugitive leaks and pipeline pigging activities on the 1.5-mile Pipeline System during operations, excluding the Silsbee Compressor Station.

### 9.2.5.4 Marine Vessels and Vehicle Operation

Mobile emission sources do not require authorization from the EPA or LDEQ. Mobile sources associated with the Project are:

- LNG carriers at berth (hoteling emissions);
- assist tugboats;
- LNG carriers within the state waters; and
- on-road mobile (employee vehicle) sources.

The total number of LNG carrier ship calls currently authorized by FERC for CP2 LNG Project (400 LNG carriers/year) is believed to be sufficient to accommodate the CP2 LNG Expansion

Project. Therefore, there are no incremental emissions anticipated from marine vessel operations associated with the CP2 LNG Expansion Project. Incremental emissions associated with on-road mobile (employee vehicle) sources are presented in Table 9.2.5-3. Emission calculation details are included in appendix 9D.

| TABLE 9.2.5-3                                                                                        |                          |             |                |                           |                            |                          |                            |                        |
|------------------------------------------------------------------------------------------------------|--------------------------|-------------|----------------|---------------------------|----------------------------|--------------------------|----------------------------|------------------------|
| CP2 LNG Expansion Project<br>Estimated Vehicle Operation Emissions for the CP2 LNG Expansion Project |                          |             |                |                           |                            |                          |                            |                        |
| Emission Unit                                                                                        | NO <sub>x</sub><br>(tpy) | CO<br>(tpy) | VOC<br>(tpy)   | PM <sub>10</sub><br>(tpy) | PM <sub>2.5</sub><br>(tpy) | SO <sub>2</sub><br>(tpy) | CO <sub>2</sub> e<br>(tpy) | Total<br>HAPs<br>(tpy) |
| On-road mobile vehicles                                                                              | 0.1                      | 3.3         | <0.1           | <0.1                      | <0.1                       | <0.1                     | 807                        | <0.1                   |
| <b>Total</b>                                                                                         | <b>0.1</b>               | <b>3.3</b>  | <b>&lt;0.1</b> | <b>&lt;0.1</b>            | <b>&lt;0.1</b>             | <b>&lt;0.1</b>           | <b>807</b>                 | <b>&lt;0.1</b>         |
| N/A = not applicable                                                                                 |                          |             |                |                           |                            |                          |                            |                        |
| <sup>a</sup> The totals may not match the sum of addends due to rounding.                            |                          |             |                |                           |                            |                          |                            |                        |

Updated ambient air quality modeling from the CP2 LNG Expansion Project including the incremental emissions increases from the authorized CP2 LNG Project sources and the LNG carriers and escort vessels at berth and directly adjacent to the Marine Terminal will be included in a supplemental filing. Although there are no additional marine vessels beyond the 400 LNG carriers that are already authorized as part of CP2 LNG Phases 1 and 2, the ambient air quality modeling will reflect the addition of a third berth and corresponding changes to marine vessel activity to accommodate the CP2 LNG Expansion Project.

### 9.2.5.5 Project Operational Environmental Impacts

Estimated operational emissions from the CP2 LNG Expansion Project are described in table 9.2.5-4. The details for operational emission calculations for the CP2 LNG Expansion Project with incremental emission increases from the authorized CP2 LNG Project and Silsbee Compressor Station, including emission factors and emission source specifications, will be provided in the Title V/PSD air permit application(s) for the CP2 LNG Expansion Project and in the NSR authorization application for the Silsbee Compressor Station.

| TABLE 9.2.5-4                                                                                                                                                                                                                               |                 |                |              |                  |                   |                 |             |                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------|--------------|------------------|-------------------|-----------------|-------------|------------------------|
| CP2 LNG Expansion Project<br>Operational Emissions Summary (tpy)                                                                                                                                                                            |                 |                |              |                  |                   |                 |             |                        |
| Source                                                                                                                                                                                                                                      | NO <sub>x</sub> | CO             | VOC          | PM <sub>10</sub> | PM <sub>2.5</sub> | SO <sub>2</sub> | HAPs        | CO <sub>2</sub> e      |
| Terminal Facilities <sup>a</sup>                                                                                                                                                                                                            | 500.4           | 955.9          | 142.0        | 193.1            | 191.6             | 102.9           | 16.6        | 4,835,897 <sup>b</sup> |
| Vehicle Operation                                                                                                                                                                                                                           | 0.1             | 3.3            | <0.1         | <0.1             | <0.1              | <0.1            | <0.1        | 807                    |
| Silsbee Compressor Station                                                                                                                                                                                                                  | 245.6           | 48.7           | 64.3         | 34.9             | 34.5              | 8.1             | 6.1         | 872,178                |
| Pipeline System                                                                                                                                                                                                                             | N/A             | N/A            | 0.1          | N/A              | N/A               | N/A             | <0.1        | 106                    |
| <b>Totals</b>                                                                                                                                                                                                                               | <b>746.1</b>    | <b>1,007.9</b> | <b>206.4</b> | <b>228.0</b>     | <b>226.1</b>      | <b>111.0</b>    | <b>22.7</b> | <b>5,708,988</b>       |
| N/A – Not Applicable                                                                                                                                                                                                                        |                 |                |              |                  |                   |                 |             |                        |
| <sup>a</sup> Emissions from CP2 LNG Expansion Project with incremental emissions from the authorized CP2 LNG Project.                                                                                                                       |                 |                |              |                  |                   |                 |             |                        |
| <sup>b</sup> The CP2 LNG Expansion Project with incremental emission increases from the authorized CP2 LNG Project's CO <sub>2</sub> e emissions do not reflect the potential additional CO <sub>2</sub> reductions through carbon capture. |                 |                |              |                  |                   |                 |             |                        |
| <sup>c</sup> The totals may not match the sum of addends due to rounding.                                                                                                                                                                   |                 |                |              |                  |                   |                 |             |                        |

### 9.2.5.6 Mitigation

A BACT analysis will be performed to support the Title V and PSD permit application(s) for the CP2 LNG Expansion Project. The stationary sources at the CP2 LNG Expansion Project will implement BACT in compliance with LAC 33:III.509.J to reduce the emission rate of pollutants at these facilities. As noted above, the BACT floor for control requires compliance with all applicable NSPS and NESHAP standards. Additional information regarding mitigation measures associated with operational air emissions will be included in the air permit application(s).

### 9.2.6 Climate Change

The EPA has characterized GHGs as pollutants in the context of climate change; however, GHG emissions do not cause proportionate local and direct impacts. Rather, the global climate system is affected by the collective concentration of GHGs in the atmosphere. Thus, the geographic scope for GHG emissions analysis is global. As an example, the contribution to climate change would be similar for a project 5 miles away emitting 1 ton of GHGs and a project 5,000 miles away also emitting 1 ton of GHGs.

LNG export projects reduce global CO<sub>2</sub> emissions by enabling recipient nations to reduce their consumption of coal and other more GHG-intensive fuels. Moreover, U.S.-based LNG facilities can export LNG in a manner that minimizes associated GHG emissions. As stated in the LDEQ Basis of Decision for the Title V and PSD Permits for the CP2 LNG Terminal:

*There is currently no generally accepted methodology or guidance to determine how a specific industrial facility's GHG emissions directly translate into physical effects on the global environment. Indeed, EPA has concluded that:*

*Due to the global scope of the problem, climate change modeling and valuations of risks and impacts of GHG emissions currently is typically conducted for changes in emissions orders of magnitude larger than the emissions from individual projects that might be analyzed in PSD permit reviews. Quantifying these exact impacts attributable to the specific GHG source obtaining a permit in specific places is not currently possible with climate change modeling.*

*Unlike most traditional air pollutants, GHGs become well mixed throughout the global atmosphere so that the long-term distribution of GHG concentrations is not dependent on local emission sources. Instead, GHG concentrations tend to be relatively uniform around the world. As a result of this global mixing, GHGs emitted anywhere in the world affect climate everywhere in the world. In this way, the global CO<sub>2</sub>e reductions achieved by the use of U.S.-sourced LNG to displace coal, other fuels with a higher carbon intensity than natural gas, or natural gas produced in certain foreign countries will benefit Louisiana.<sup>18</sup>*

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<sup>18</sup> LDEQ, Office of Environmental Services, Basis for Decision, Part 70 Operating Permit No. 0560-00998-V0 and Prevention of Significant Deterioration (PSD) Permit PSD-LA-847, Venture Global CP2 LNG, LLC, July 22, 2025, EDMS Document No.14862918, p. 15 of 100 (footnotes omitted), available at: <https://edms.deq.louisiana.gov/app/doc/view?doc=14862918>. Accessed December 2025.

Project construction would result in estimated CO<sub>2</sub>e emissions of approximately 228,870 tpy from the stationary and mobile sources, which is the worst case/highest level of emissions associated with construction during years 2026 to 2029; and Project operation CO<sub>2</sub>e emissions are estimated to be 5,708,886 tpy (stationary sources: 5,708,079<sup>19</sup> tpy and mobile sources: 807 tpy). These emissions are equivalent to 207,628 metric tpy and 5,179,016 metric tpy (stationary sources: 5,178,284 metric tpy and mobile sources: 732 metric tpy) of CO<sub>2</sub>e emissions, respectively. Operational emissions estimate conservatively use a potential to emit basis, assuming the facilities would operate at maximum capacity year-round (365 days/year, 24 hours/day). Additionally, the operational emissions estimate includes blowdowns and fugitive emissions from compressor station equipment and piping, as well as fugitive emissions from the pipeline lateral, meter stations, and ancillary facilities.

During the operational phase, the Project's GHG emissions will be minimized by application of EPA-approved BACT under the PSD permitting process. As noted above, this top-down process requires that the facility use the BACT that is technically feasible and that is economically achievable without causing other adverse energy or environmental impacts. Thus, the PSD process, by definition, requires control technology and measures that have been found to be the best at reduction of GHG emissions. Further, the provisions of NSPS OOOOb, applicable to the Silsbee Compressor Station, will result in control of methane emissions from fugitive sources.

The above estimates do not reflect CP2 LNG's plans, as a voluntary "beyond BACT mitigation measure, to capture and sequester additional CO<sub>2</sub> emissions from the CP2 LNG Expansion Project. In 2022, Venture Global LNG committed to developing carbon capture and sequestration (CCS) facilities in connection with its Calcasieu Pass and CP2 LNG terminals in Cameron Parish as a voluntary measure to substantially reduce GHG emissions. At the time of filing of air permit applications for the CP2 LNG Terminal in July 2022, Venture Global LNG already had conducted extensive geotechnical and engineering studies to confirm the feasibility of the CCS facilities and its subsidiary, Venture Global CCS Cameron, LLC, was negotiating an operating agreement for pore space located in Cameron Parish. Subsequently, in September 2022, the State Mineral and Energy board approved an agreement for pore space in Cameron Parish.<sup>20</sup>

On July 25, 2023, Venture Global CCS Cameron, LLC filed an application with the U.S. EPA Region 6 for a Class VI Underground Injection Control (UIC) well and associated monitoring well for the Cameron Parish CCS facilities. Then, on January 5, 2024, the U.S. EPA delegated the Safe Drinking Water Act (SDWA) 42 U.S.C. Section 1422 underground injection control (UIC) program to the State of Louisiana. The delegation allows the Louisiana Department of Conservation and Energy (LDCE) to issue UIC permits for geologic carbon sequestration facilities as Class VI wells and ensure compliance of Class VI wells under the UIC program within the state.

All Class VI applications for project sites and wells located in Louisiana that were under review by the U.S. EPA Region 6 at the time of the delegation were transmitted to the State of Louisiana on February 5, 2024. Thus, the application Venture Global CCS Cameron, LLC submitted to the U.S. EPA has been transferred to the LDCE. It should be noted that the LDCE regulations are more stringent than the federal Class VI regulations in several respects, including

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<sup>20</sup> CS004 Operating Agreement, Venture Global CCS Cameron, LLC, [https://www.dnr.louisiana.gov/assets/OMR/media/forms\\_pubs/CS004.pdf](https://www.dnr.louisiana.gov/assets/OMR/media/forms_pubs/CS004.pdf). Accessed May 2026.

the financial assurance requirements. Venture Global representatives have held a preliminary meeting with the LDCE and in May 2026, submitted an update to the application to address any additional Louisiana requirements and the CP2 LNG Expansion Project. If granted, this UIC Class VI permit will authorize construction of a Class VI well, along with appropriate monitoring systems, for the injection of CO<sub>2</sub> from both the Calcasieu Pass and CP2 LNG terminals, including the CP2 LNG Expansion Project. The construction and operation of the Project will likely increase the atmospheric concentration of GHGs and, in combination with past and future emissions from all other sources globally, would contribute incrementally to climate change. To date, the Commission has not identified a methodology to attribute discrete, quantifiable, physical effects on the environment to a Project's incremental contribution to GHGs. Additionally, the Commission has not identified any established threshold for determining the significance of a project's GHG emissions.

In order to provide context to consider a Project's emissions, the Commission and its Staff generally compare the Project's construction and operational GHG emissions to the total GHG emissions of the United States as a whole. On a national level for 2022, 5,489 million metric tons of CO<sub>2</sub>e were emitted (inclusive of CO<sub>2</sub>e<sup>21</sup> sources and sinks). Based on the 2022 national levels, the Project's construction and operational emissions could potentially increase national CO<sub>2</sub>e emissions by about 0.004 percent and 0.09 percent, respectively.

In some cases, the Commission and Staff estimate downstream GHG emissions associated with a Project. Such analysis is not necessary or appropriate here where LNG will be exported from the United States to unknown end users and depends on independent statutory authorization of those exports granted by the U.S. Department of Energy (DOE). The DOE has conducted two studies analyzing the Life Cycle Greenhouse Gas Perspective on Exporting Liquefied Natural Gas from the United States, one in 2014 and another in 2019.<sup>22</sup>

The DOE has concluded that these GHG studies support the agency taking the position in numerous orders that LNG exports are consistent with the public interest.<sup>23</sup> Importantly, exporting LNG will encourage foreign countries to use more environmentally friendly natural gas for the generation of electricity rather than coal, diesel, or heavy fuel oil. Thus, LNG exports from the Project are likely to reduce overall global GHG emissions.

CP2 LNG has not analyzed upstream GHG emissions for purposes of this resource report because the specific source of the feed gas to be transported for liquefaction for this Project is currently unknown and would likely change throughout the Project's operation. Such speculation

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<sup>21</sup> U.S. Environmental Protection Agency, *Inventory of U.S. Greenhouse Gas Emissions and Sinks* (2023), available at: <https://www.epa.gov/ghgemissions/inventory-us-greenhouse-gas-emissions-and-sinks>. Accessed December 2025.

<sup>22</sup> DOE, DOE/NETL-2014/1649, *Life Cycle Greenhouse Gas Perspective on Exporting Liquefied Natural Gas from the United States* (May 14, 2014), available at: <http://www.energy.gov/sites/prod/files/2014/05/f16/Life%20Cycle%20GHG%20Perspective%20Report.pdf>; DOE, DOE/NETL-2019/2041, *Life Cycle Greenhouse Gas Perspective on Exporting Liquefied Natural Gas from the United States: 2019 Update* (Sept. 12, 2019), available at: [https://www.netl.doe.gov/projects/files/LIFECYCLEGREENHOUSEGASPERSPECTIVEONEXPORTINGLIQUEFIEDNATURALGASFROMTHEUNITEDSTATES2019UPD\\_091219.pdf](https://www.netl.doe.gov/projects/files/LIFECYCLEGREENHOUSEGASPERSPECTIVEONEXPORTINGLIQUEFIEDNATURALGASFROMTHEUNITEDSTATES2019UPD_091219.pdf). Both accessed December 2025.

<sup>23</sup> The conclusions in the DOE studies are further supported by at least two more recent studies: ICF, "Update to the Life-Cycle Analysis of GHG Emissions for US LNG Exports Analysis," (July 2020), available at: <https://www.api.org/~media/files/policy/lng-exports/2020/api-icf-lng-lca-study.pdf>; and BRG Energy & Climate, "Comparative GHG Footprint Analysis for European and Asian Supplies of US LNG, Pipeline Gas, and Coal," April 2024, available at: <https://www.thinkbrg.com/insights/publications/comparative-ghg-footprint-analysis-for-european-and-asian-supplies-of-uslng-pipeline-gas-and-coal-2025/>. Both accessed December 2025.

would not meaningfully inform FERC in its decision-making. In addition, in *Seven County Infrastructure Coalition v. Eagle County*, 605 U.S. 168, 174 (2025), U.S. Supreme Court determined that NEPA does not require federal agencies to engage in an analysis of upstream or downstream impacts of a proposed project.

CP2 LNG and CP Express did not use the Social Cost of Carbon (SCC) tool in this analysis. Prior administrations encouraged the use of the SCC tool in certain circumstances to estimate the monetized climate change damage associated with an incremental CO<sub>2</sub> emissions increase in a given year. The SCC tool estimated the incremental physical climate change impacts on a national or global scale due to incremental GHG emissions under specific socioeconomic scenarios. FERC has repeatedly stated that the SCC methodology is not suitable for its analysis for the several reasons:

- Inclusion of the SCC tool into FERC’s review under NEPA does not meaningfully advise its decision whether and how to authorize a proposed project under the Natural Gas Act (NGA);
- FERC does not utilize monetized cost-benefit analyses as part of the NEPA review or the NGA decision; and
- There are methodological limitations in the SCC tool (e.g., varying discount rates create considerable disparity in results, and no basis exists to classify a specific monetized value as significant), which limit the tool’s usefulness in the NEPA review and the NGA decision-making process.<sup>24</sup>

Through his Executive Order “Unleashing American Energy,” President Trump clarified that the SCC tool is no longer “representative of [federal] governmental policy” due to its “logical deficiencies, . . . poor basis in empirical science, politicization, and . . . absence of a foundation in legislation.”<sup>25</sup> In light of this Executive Order, federal agencies, including FERC, are precluded from incorporating an estimate of the Social Cost of Carbon in NEPA analyses.

The potential GHG emissions from construction and operation of the Project are discussed in sections 9.2.4 and 9.2.5.

### 9.3 NOISE QUALITY

Construction and operation of the Project could generate noise that could affect sensitive noise receptors in the Project vicinity. Aboveground facilities associated with the Project that will generate noise include the Terminal Site Expansion and Marine Facilities Expansion in Cameron Parish, Louisiana, and the Pipeline System Expansion in Jasper County, Texas.

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<sup>24</sup> Several courts found that using the SCC tool in the NEPA analysis for a natural gas pipeline application submitted to FERC under the Natural Gas Act was inappropriate because the tool was not formulated to address greenhouse gases on a project-level basis, and the SCC tool does not extrapolate project-level emissions to their specific contribution on global climate change. See *Citizens Action Coalition of Ind., Inc. v. FERC*, 125 F.4th 229, 241 (D.C. Cir. 2025) (citing *Ctr. for Biological Diversity*, 67 F.4th 1176, 1184 (D.C. Cir. 2023) (holding FERC reasonably compared project emissions with state and nationwide emissions and “had no obligation . . . to consider the social cost of carbon” under NEPA); *Ala. Mun. Distribs. Grp. v. FERC*, 100 F.4th 207, 214 (D.C. Cir. 2024) (same); see also *EarthReports, Inc. v. FERC*, 828 F.3d 949, 956 (D.C. Cir. 2016) (holding FERC reasonably concluded the social cost of carbon was “inadequately accurate to warrant inclusion under NEPA”).

<sup>25</sup> Executive Order No. 14154, “Unleashing American Energy,” January 20, 2025: available at: <https://www.whitehouse.gov/presidential-actions/2025/01/unleashing-american-energy/>. Accessed December 2025.

### 9.3.1 Principles of Noise

Sound is a sequence of waves of pressure that propagates through compressible media such as air or water. When sound becomes excessive, annoying, or unwanted, it is often referred to as noise. The Project has the potential to affect existing ambient noise conditions in surrounding areas during construction and operation.

The ambient sound level of a region is defined by the total noise generated within the specific environment and usually comprises natural and anthropogenic sounds. At any location, both the magnitude and frequency of environmental noise may vary considerably over the course of a day and throughout the week. This variation may be caused in part by changing weather conditions and the effect of seasonal changes in vegetative cover.

Two measurements used by some federal agencies to relate the time-varying quality of environmental noise to its known effects on people are the equivalent sound level (Leq) and the day-night sound level (Ldn). The Leq is a sound level over a specific period corresponding to the same sound energy as measured for an instantaneous sound level, assuming it is a constant noise source. Sound levels, measured in decibels (dB), are perceived differently, depending on the length of exposure and time of day. The Ldn takes into account the duration and time the noise is encountered. Specifically, in the calculation of the Ldn, late night and early morning (10:00 p.m. to 7:00 a.m.) noise exposures are increased by 10 dB to account for people's greater sensitivity to sound during nighttime hours. To account for the human ear's sensitivity to low-level noises, decibel levels are corrected using the A-weighted scale (dBA). The A-weighted scale is used because human hearing is less sensitive to low and high frequencies than mid-range frequencies.

Table 9.3.1-1 demonstrates the relative dBA levels of common sounds measured in the environment and industry. A 3 dB change of sound level is considered to be barely perceptible to the human ear. A 6 dB change of sound level is considered clearly noticeable, and a 10 dB increase is perceived as if the sound level intensity doubled (FERC, 2017).

| TABLE 9.3.1-1<br>CP2 LNG Expansion Project<br>Sound Levels and Relative Loudness |                   |                                      |
|----------------------------------------------------------------------------------|-------------------|--------------------------------------|
| Description of Sound                                                             | Sound Level (dBA) | Relative Loudness (dBA) <sup>a</sup> |
| Threshold of pain                                                                | 140               | 256                                  |
| Jet Taking Off (200 feet away)                                                   | 130               | 128                                  |
| Operating Heavy Equipment                                                        | 120               | 64                                   |
| Night Club (with music)                                                          | 110               | 32                                   |
| Construction Facilities                                                          | 100               | 16                                   |
| Boiler Room                                                                      | 90                | 8                                    |
| Freight Train (100 feet away)                                                    | 80                | 4                                    |
| Classroom Chatter                                                                | 70                | 2                                    |
| Conversation (3 feet away)                                                       | 60                | 1                                    |
| Urban Residence                                                                  | 50                | 1/2                                  |
| Soft Whisper (5 feet away)                                                       | 40                | 1/4                                  |
| North Rim of Grand Canyon                                                        | 30                | 1/8                                  |
| Silent Study Room                                                                | 20                | 1/16                                 |
| Threshold of Human Hearing (1,000 Hz)                                            | 0                 | 1/64                                 |

Source: Adapted from U.S. Department of Labor, 2016

<sup>a</sup> Relative loudness is how the sound is perceived by the human ear. Higher decibels are perceived as louder.

## 9.3.2 Applicable Regulations

### 9.3.2.1 Federal Regulations

In 1974, the EPA published *Information on Levels of Environmental Noise Requisite to Protect Public Health and Welfare with an Adequate Margin on Safety* (EPA, 1974), which evaluated the effects of environmental noise with respect to health and safety. As set forth in this publication, the EPA determined that noise levels should not exceed an  $L_{dn}$  of 55 dBA, which is the level that protects the public from indoor and outdoor activity interference. This noise level has been used by state and federal agencies to establish noise limitations for various noise sources. A 55 dBA  $L_{dn}$  noise level equates to an  $L_{eq}$  of 48.6 dBA (i.e., a facility that does not exceed a continuous noise level of 48.6 dBA will not exceed 55 dBA  $L_{dn}$ ).

FERC has adopted the following criterion described in 18 CFR § 380.12(k) for new compression and associated facilities and for all new LNG facilities. Therefore, it was used to assess the potential noise impact from the construction and operation of the Project:

*The noise attributable to any new compressor station, compression added to an existing station, or any modification, upgrade or update of an existing station, must not exceed a day-night sound level ( $L_{dn}$ ) of 55 dBA at any pre-existing noise sensitive area (such as schools, hospitals, or residences).*

### 9.3.2.2 State and Local Regulations

#### Louisiana

The State of Louisiana has not adopted noise regulations applicable to Project construction and operation. Both Calcasieu and Cameron Parishes prohibit “unnecessary or

excessive noise which unreasonably interferes with the comfort and repose of others within the jurisdiction of the parish” in Article VIII, Section 18-96 of the Calcasieu Parish code and in Article III, Section 15-28 of the Cameron Parish code. No numeric noise criterion is established in Calcasieu or Cameron Parish code; therefore, the noise generated by the Project is compared to FERC’s noise criterion.

## Texas

The State of Texas has not adopted noise regulations applicable to Project construction and operation, as noise is typically regulated at the municipal level; therefore, in unincorporated areas of the county, noise is primarily governed by the Texas Penal Code prohibition on unreasonable noise. Jasper County has not adopted noise regulations applicable to construction or operation of the Project.

### 9.3.3 Terminal Site Expansion and Marine Facilities Expansion

#### 9.3.3.1 Noise-Sensitive Areas

Hurricane Ida in 2021 and Hurricane Laura in 2020 destroyed a large number of residential structures in proximity to the Terminal Facilities, many of which were abandoned. For the purposes of this analysis, four Noise Sensitive Area locations (NSAs) were identified in proximity to the Terminal Facilities. The NSA locations are the same as those evaluated for the authorized CP2 LNG and CP Express Project. The NSA locations are presented on Figure 9.3.3-1 in appendix 9C and in table 9.3.3.1-1.

| TABLE 9.3.3.1-1                                                                                                                                                                                                              |                                  |                          |                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------|---------------------------------------------|
| CP2 LNG Expansion Project<br>Noise Sensitive Area Locations near the Terminal Facilities                                                                                                                                     |                                  |                          |                                             |
| Facility                                                                                                                                                                                                                     | NSA Name (type)                  | Direction of Nearest NSA | Distance to Nearest NSA (feet) <sup>a</sup> |
| Terminal Site Expansion                                                                                                                                                                                                      | NSA -1 (residence)               | East                     | 2,300                                       |
|                                                                                                                                                                                                                              | NSA -2 (residence)               | Northeast                | 2,700                                       |
|                                                                                                                                                                                                                              | NSA -3 (residences)              | North                    | 3,900                                       |
|                                                                                                                                                                                                                              | NSA-4 (Pilot House) <sup>b</sup> | North                    | 2,600                                       |
| <sup>a</sup> Distances are measured from the nearest facilities associated with the CP2 LNG Expansion Project to the NSA.<br><sup>b</sup> The Pilot's housing is being relocated from its current location on Monkey Island. |                                  |                          |                                             |

#### 9.3.3.2 Existing Ambient Noise Levels

Preconstruction ambient noise levels measured during the initial development of the Terminal Facility. The NSAs in proximity to the Terminal Facilities and the surveyed ambient sound levels are provided in Table 9.3.3.2-1.

TABLE 9.3.3.2-1

**CP2 LNG Expansion Project  
Terminal Facilities Ambient Noise Survey Results**

| NSA Name                                                                                                                          | Distance and Direction to NSA from the Project Area <sup>a</sup>                                                                                           | Surveyed Daytime Ambient Noise Level (L <sub>eq</sub> ) dBA | Surveyed Nighttime Ambient Noise Level (L <sub>eq</sub> ) dBA | Calculated Ambient Noise Level (L <sub>dn</sub> ) dBA |
|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------|
| NSA -1                                                                                                                            | 2,300 ft. / East                                                                                                                                           | 43.3                                                        | 40.5                                                          | 47.5                                                  |
| NSA -2                                                                                                                            | 2,700 ft. / Northeast                                                                                                                                      | 41.1                                                        | 45.2                                                          | 51.2                                                  |
| NSA -3                                                                                                                            | 3,900 ft. / North                                                                                                                                          | 60.3                                                        | 57.0                                                          | 64.0                                                  |
| NSA -4 <sup>b</sup>                                                                                                               | 2,600 ft. / North                                                                                                                                          | 60.3                                                        | 57.0                                                          | 64.0                                                  |
| Source: Final Environmental Impact Assessment for CP2 LNG and CP Express Project available at FERC accession number 20230728-3008 |                                                                                                                                                            |                                                             |                                                               |                                                       |
| <sup>a</sup>                                                                                                                      | Distances are measured from the nearest Terminal Site Expansion and Marine Facilities Expansion equipment locations to the NSA.                            |                                                             |                                                               |                                                       |
| <sup>b</sup>                                                                                                                      | Pre-construction ambient measurements were not conducted at this NSA. The measured levels for NSA3, approximately 2,500 feet away, were utilized for NSA4. |                                                             |                                                               |                                                       |

### 9.3.3.3 Noise Quality Analysis—Construction

The most prevalent noise-generating activity and equipment during Terminal Site Expansion construction is anticipated to be the internal combustion engines associated with construction equipment. The noise levels will depend on the type of equipment used, the mode of operation of the equipment, the length of time the equipment is in use, the amount of equipment used simultaneously, the distance between the sound generation source and the receptor, and existing noise in the area, which is primarily industrial in nature. Pile driving will also occur in association with construction of the Marine Facilities Expansion.

#### Anticipated Construction Noise Levels

Noise levels during construction activities will vary over time and will depend on the number of noise-generating sources operating simultaneously and existing industrial noise in the area. Construction activities at the Terminal Site Expansion and Marine Facilities Expansion will occur up to 24 hours per day for the duration of construction. Construction equipment type, use, and quantity will vary depending on the construction stage in progress at the particular time. Section 1.7 of Resource Report 1 describes construction schedule in more detail.

The construction equipment that will be utilized will differ from phase to phase, but will include dozers, cranes, cement mixers, dump trucks, and loaders. Noise is generated during construction primarily from diesel engines that power the equipment. Exhaust noise usually is the predominant source of diesel engine noise, which is the reason that maintaining functional mufflers on all equipment will be a requirement. Table 9.3.2.4-1 provides typical maximum noise levels at the reference distance of 50 feet associated with the equipment expected to be used during construction (FHWA 2006). The noise levels are presented for the reference distance of 50 feet, then extrapolated the distance to each NSA. The extrapolated noise levels were developed by accounting for attenuation of sound due to distance and absorption by the atmosphere.

Pile driving will occur at different locations throughout the Terminal Facilities site, including the footprint of the sheetpile floodwalls that will surround the liquefaction blocks. Pile driving activities will be restricted to daytime hours (i.e., 7 a.m. to 7 p.m.).

| TABLE 9.3.3.3-1                                                           |                                      |                                               |                                               |                                               |                                               |
|---------------------------------------------------------------------------|--------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| CP2 LNG Expansion Project<br>Noise Levels of Major Construction Equipment |                                      |                                               |                                               |                                               |                                               |
| Equipment Type                                                            | Maximum Noise Level at 50 Feet (dBA) | Maximum Noise Level at NSA 1 (2,300 Feet) dBA | Maximum Noise Level at NSA 2 (2,700 Feet) dBA | Maximum Noise Level at NSA 3 (3,900 Feet) dBA | Maximum Noise Level at NSA 4 (2,600 Feet) dBA |
| Trucks                                                                    | 77                                   | 39                                            | 37                                            | 31                                            | 37                                            |
| Crane                                                                     | 81                                   | 43                                            | 41                                            | 35                                            | 41                                            |
| Roller                                                                    | 80                                   | 42                                            | 40                                            | 34                                            | 40                                            |
| Dozer                                                                     | 82                                   | 44                                            | 42                                            | 36                                            | 42                                            |
| Pickup Trucks                                                             | 55                                   | 17                                            | 15                                            | 9                                             | 15                                            |
| Backhoes                                                                  | 78                                   | 40                                            | 38                                            | 32                                            | 38                                            |
| Front Loader                                                              | 79                                   | 41                                            | 39                                            | 33                                            | 39                                            |
| Tractor                                                                   | 84                                   | 46                                            | 44                                            | 38                                            | 44                                            |
| Scraper                                                                   | 84                                   | 46                                            | 44                                            | 38                                            | 44                                            |
| Grader                                                                    | 85                                   | 47                                            | 45                                            | 39                                            | 45                                            |
| Paver                                                                     | 77                                   | 39                                            | 37                                            | 31                                            | 37                                            |
| Source: FHWA, 2006                                                        |                                      |                                               |                                               |                                               |                                               |

The equipment listed is not used in all phases of construction. Further, the equipment used generally is not operated continuously, nor is the equipment always operated simultaneously. In addition, there will be times when no equipment is operating, and noise would be at ambient levels.

Additional intermittent noise will be generated by pile driving activities during construction of the Marine Facilities Expansion. Table 9.3.3.3-2 provides typical maximum pile driving noise levels at a reference distance of 50 feet, and the extrapolated pile driving noise levels at each NSA.

| TABLE 9.3.3.3-2                                                                                                                                                                     |                                      |                                                |                                                |                                                |                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|-----------------------------------------------|
| CP2 LNG Expansion Project<br>Pile Driving Noise Levels <sup>a</sup>                                                                                                                 |                                      |                                                |                                                |                                                |                                               |
| Equipment Type                                                                                                                                                                      | Maximum Noise Level at 50 Feet (dBA) | Maximum Noise Level at NSA 1 (10,800 Feet) dBA | Maximum Noise Level at NSA 2 (10,300 Feet) dBA | Maximum Noise Level at NSA 3 (10,000 Feet) dBA | Maximum Noise Level at NSA 4 (7,400 Feet) dBA |
| Impact Pile Driving                                                                                                                                                                 | 97 <sup>b</sup>                      | 33                                             | 34                                             | 35                                             | 41                                            |
| <sup>a</sup> Pile driving will occur at the Berth 3 area. Distances to NSAs are from Berth 3.<br><sup>b</sup> PWL of 129 dBA. Data from 20220713-5191_Supp EIR 2 Responses_07.13.22 |                                      |                                                |                                                |                                                |                                               |

The noise levels presented in Table 9.3.3.3-1 and 9.3.3.3-2 indicate that construction noise will be above existing noise levels at some NSAs, although none of the levels exceed FERC's 48.6 dBA criterion for nighttime construction. Additionally, the construction noise analysis presented herein does not take credit for the floodwall that has been constructed around the full project site. Reductions of construction noise levels of 5 dBA to 10 dBA at the NSAs may be expected due to the barrier effect of the floodwall. Pile driving noise levels are shown to be below the pre-construction measured ambient noise levels at all NSAs.

### **Construction Noise Mitigation**

Other than maintaining functional mufflers on all diesel-powered equipment, no noise mitigation measures are warranted.

#### **9.3.3.4 Noise Quality Analysis—Operation**

Operation of the Terminal Facilities will produce noise on a continuous basis but is expected to remain within applicable FERC limits. The primary noise-generating sources will be:

- fan-driven, air-cooled heat exchangers;
- mixed refrigerant compressor electric motor drive units;
- mixed refrigerant and boil-off gas compressor units;
- power plant electric generation units;
- inlet and discharge piping; and

To ensure that the noise associated with the Terminal Site Expansion and Marine Facilities Expansion meets FERC's noise criterion, the liquefaction blocks will be designed with acoustically treated enclosures. These mitigation measures will be incorporated into the noise impact calculations. However, the final noise mitigation measures will be based on final facility engineering design. Equipment will be installed and maintained according to manufacturer's specifications; therefore, no offsite vibration is anticipated. Computer modeling was performed to calculate noise levels that will be generated during the operation of the facilities associated with the Terminal Site Expansion and Marine Facilities Expansion. To allow a direct comparison with existing noise levels, the model receptors for operational noise are the NSAs mentioned above.

The commercially available CadnaA model developed by DataKustik GmbH (2025) was used for the analyses. The software has the ability to take into account spreading losses, ground and atmospheric effects, shielding from barriers and buildings, and reflections from surfaces. The software is standards based. The International Organization for Standardization ("ISO") 9613 standard was used for air absorption and other noise propagation calculations (ISO, 2024). Waterbodies and the Calcasieu Pass LNG site were treated as acoustically reflective (0 setting in the model). Remaining areas were treated as partially acoustically absorptive ground surfaces (0.5 setting in the model). A setting of "0" corresponds to an acoustically reflective surface, such as pavement or water, while a setting of 1.0 corresponds to loose soils and grassy surfaces.

The same equipment sources as utilized for analysis of the authorized CP2 LNG and CP Express Project will be utilized in this assessment for the CP2 LNG Expansion Project. The sound power level data for all sources utilized in the noise model along with their height above grade, are provided in Table 9.3.2.5-1. The data include noise mitigation measures. Sound power is the

total acoustic power produced by a piece of equipment. These levels are always somewhat higher than the sound pressure levels measured at some distant location. Both are represented as dB, but the basis of the power level is watts, whereas the basis of sound pressure is pressure, as indicated by the name.

| TABLE 9.3.3.4-1                                                        |                                   |     |     |     |     |      |      |      |      |     |
|------------------------------------------------------------------------|-----------------------------------|-----|-----|-----|-----|------|------|------|------|-----|
| CP2 LNG Expansion Project<br>Terminal Site Expansion Noise Source Data |                                   |     |     |     |     |      |      |      |      |     |
| Equipment /<br>Height Above<br>Grade                                   | Octave Band Center Frequency (Hz) |     |     |     |     |      |      |      |      |     |
|                                                                        | 31.5                              | 63  | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | dBA |
| ACC Fans / 26 feet                                                     | 102                               | 103 | 102 | 99  | 94  | 93   | 93   | 86   | 79   | 99  |
| Baker Hughes Compressor / 10 feet                                      | 92                                | 98  | 106 | 97  | 94  | 94   | 93   | 91   | 87   | 100 |
| Baker Hughes Package Fans / 26 feet                                    | 105                               | 107 | 105 | 101 | 97  | 94   | 87   | 83   | 79   | 99  |
| Baker Hughes Package Piping / 10 feet                                  | 95                                | 103 | 111 | 110 | 81  | 76   | 73   | 69   | 57   | 102 |
| BOG ACHE Fans / 26 feet                                                | 110                               | 111 | 110 | 107 | 102 | 100  | 94   | 88   | 82   | 105 |
| BOG Compressors / 13 feet                                              | 105                               | 105 | 104 | 101 | 95  | 95   | 98   | 94   | 90   | 103 |
| GE A35 Generator / 13 feet                                             | 111                               | 113 | 119 | 109 | 104 | 103  | 101  | 100  | 94   | 110 |
| GE Accessories / 13 feet                                               | 122                               | 119 | 118 | 112 | 108 | 105  | 105  | 104  | 99   | 113 |
| GE Frame 7E Gas Turbine Enclosure / 16 feet                            | 114                               | 112 | 108 | 101 | 98  | 95   | 98   | 95   | 93   | 104 |
| HRS System / 39 feet                                                   | 115                               | 108 | 105 | 103 | 93  | 89   | 87   | 79   | 67   | 98  |
| Power Generation Area Pumps / 7 feet                                   | 108                               | 106 | 104 | 103 | 99  | 98   | 97   | 94   | 90   | 104 |
| Pretreatment ACHE / 13 feet                                            | 108                               | 109 | 108 | 105 | 100 | 98   | 92   | 86   | 80   | 103 |
| Pretreatment Area Pumps / 7 feet                                       | 89                                | 90  | 91  | 94  | 93  | 96   | 93   | 89   | 83   | 100 |
| Steam Turbine Generator and Accessories / 13 feet                      | 114                               | 116 | 116 | 108 | 104 | 101  | 98   | 94   | 85   | 108 |
| Transformers / 10 feet                                                 | 99                                | 105 | 107 | 103 | 102 | 97   | 92   | 87   | 79   | 103 |
| Hz = hertz                                                             |                                   |     |     |     |     |      |      |      |      |     |

The results of the noise modeling analysis are provided in Table 9.3.3.4-2.

| TABLE 9.3.3.4-2                                                                                                   |                                    |                                                      |                                                |                                                                  |                                                                                                 |                         |                                              |
|-------------------------------------------------------------------------------------------------------------------|------------------------------------|------------------------------------------------------|------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------|----------------------------------------------|
| CP2 LNG Expansion Project<br>Measured Ambient Noise Compared to Modeled Noise Levels –Terminal Site Expansion     |                                    |                                                      |                                                |                                                                  |                                                                                                 |                         |                                              |
| NSA                                                                                                               | Distance/Direction<br>from Project | Pre-<br>Construction<br>Measured<br>Ldn <sup>a</sup> | CP2 LNG<br>Expansion<br>Project<br>Modeled Ldn | CP2 LNG and<br>CP Express<br>Project<br>Modeled Ldn <sup>a</sup> | Cumulative<br>CP2 LNG<br>Expansion<br>Project and<br>CP2<br>Expansion<br>Project<br>Modeled Ldn | Future Ldn <sup>b</sup> | Increase Over<br>Pre-<br>Construction<br>Ldn |
| NSA -1                                                                                                            | 2,300 ft. / East                   | 47.5                                                 | 52.7                                           | 51.8                                                             | 55.3                                                                                            | 56.0                    | 8.5                                          |
| NSA -2                                                                                                            | 2,700 ft. /<br>Northeast           | 51.2                                                 | 52.0                                           | 53.2                                                             | 55.7                                                                                            | 57.0                    | 5.8                                          |
| NSA -3                                                                                                            | 3,900 ft. / North                  | 64.0                                                 | 48.6                                           | 50.1                                                             | 52.4                                                                                            | 64.3                    | 0.3                                          |
| NSA -4                                                                                                            | 2,600 ft. / North                  | 64.0                                                 | 51.2                                           | NA <sup>c</sup>                                                  | NA <sup>c</sup>                                                                                 | NA <sup>c</sup>         | NA <sup>c</sup>                              |
| <sup>a</sup> FERC EIS.                                                                                            |                                    |                                                      |                                                |                                                                  |                                                                                                 |                         |                                              |
| <sup>b</sup> Pre-construction level plus cumulative CP2 LNG Expansion Project and CP2 LNG and CP Express Project. |                                    |                                                      |                                                |                                                                  |                                                                                                 |                         |                                              |
| <sup>c</sup> This location was not evaluated in the analysis for the CP2 LNG and CP Express Project.              |                                    |                                                      |                                                |                                                                  |                                                                                                 |                         |                                              |

The relocated Pilot's Housing (NSA 4) was not evaluated in the original assessment for the CP2 LNG and CP Express Project. However, NSA 4 is approximately the same distance from the Terminal Site Expansion sources as NSAs 1 and 2, and similar noise levels are estimated at NSA 4.

As shown, the calculated noise levels for the CP2 LNG Expansion Project are below the FERC's 55 dBA noise criterion. However, adding CP2 LNG Expansion Project levels to the previously authorized CP2 LNG and CP Express Project modeled levels shows that noise levels from the full buildout slightly exceed FERC's criterion by less than 1 dBA at NSAs 1 and 2. CP2 LNG is currently evaluating additional noise mitigation measures to reduce operational noise to 55 dBA or less at all NSAs.

Table 9.3.2.5-1 also provides a comparison of the calculated facility noise levels with pre-construction measured levels, the combined future noise levels, and the expected increase in future noise levels. The expected increases in noise levels at the NSAs are shown to range from 0.3 dBA to 8.5 dBA.

## Vibration

The noise modeling analysis included evaluation of low frequency noise (31.5 Hz and 63 Hz octave bands). The results revealed that low frequency noise from the Terminal Site Expansion and Marine Facilities Expansion would be less than 65 dB at each of these frequencies at the nearest NSA and would not be expected to result in noise induced vibration at any NSAs.

## 9.3.4 Pipeline System Expansion

The Pipeline System Expansion will be located in a rural area in Jasper County, Texas. The area surrounding the Project consists mainly of forested, agricultural and residential property. The Silsbee Compressor Station location is shown on Figures 1.5-7 and 1.5-8 in Resource Report 1.

### 9.3.4.1 Noise Sensitive Areas

The nearest NSAs are located approximately 4,500 feet southeast of the Project property line. A few additional NSAs are located beyond a one-mile radius but were nonetheless also included in the analysis. As shown on Figure 9.3.3-1 in appendix 9C, the closest NSA to the compressor station is a residence about 0.5 mile to the south. The NSA locations are provided in Table 9.3.4.1-1 and figure 9.3.4-1.

| TABLE 9.3.4.1-1                                                                                                   |                   |                                       |                                |
|-------------------------------------------------------------------------------------------------------------------|-------------------|---------------------------------------|--------------------------------|
| CP2 LNG Expansion Project<br>Noise-Sensitive Areas near the Silsbee Compressor Station                            |                   |                                       |                                |
| Facility                                                                                                          | NSA Name (type)   | Direction of Nearest NSA <sup>a</sup> | Distance to Nearest NSA (feet) |
| Silsbee Compressor Station                                                                                        | NSA 1 (residence) | South                                 | 2,950                          |
|                                                                                                                   | NSA 2 (residence) | South                                 | 2,400                          |
|                                                                                                                   | NSA 3 (residence) | South                                 | 2,800                          |
|                                                                                                                   | NSA 4 (residence) | South                                 | 3,800                          |
| Source: Appendix 9C, Figure 9.3.4-1.                                                                              |                   |                                       |                                |
| <sup>a</sup> Distances measured from nearest limit of disturbance associated with the Silsbee Compressor Station. |                   |                                       |                                |

### 9.3.4.2 Existing Ambient Noise Levels

Existing ambient noise levels will be conducted in May 2026 and will be provided in a supplemental filing.

### 9.3.4.3 Noise Quality Analysis—Construction

The most prevalent noise-generating activity and equipment during Compressor Station construction is anticipated to be internal combustion engines associated with construction equipment. The noise levels will depend on the type of equipment used, the mode of operation of the equipment, the length of time the equipment is in use, the amount of equipment used simultaneously, the distance between the sound generation source and the receptor, and existing noise in the area.

#### Anticipated Construction Noise

Noise levels during construction activities will vary over time and will be dependent primarily on the number of noise-generating sources operating simultaneously. Construction activities at the Silsbee Compressor Station will generally occur between the hours of 7 a.m. and 7 p.m., varying with the season and light availability.

Similar to the Terminal Site Expansion and Marine Facilities Expansion, the construction equipment that will be utilized will differ from phase to phase, but will include dozers, cranes, cement mixers, dump trucks, and loaders. Noise is generated during construction primarily from diesel engines that power the equipment. Exhaust noise usually is the predominant source of diesel engine noise, which is the reason that maintaining functional mufflers on all equipment will be a requirement. Table 9.3.4.3-1 provides typical maximum noise levels at the reference distance of 50 feet associated with the equipment expected to be used during construction (FHWA 2006). The noise levels are presented for the reference distance of 50 feet, then extrapolated the

distance to each NSA. The extrapolated noise levels were developed by accounting for attenuation of sound due to distance and absorption by the atmosphere.

| TABLE 9.3.4.3-1                                                                                        |                                    |                                               |                                               |                                               |                                               |
|--------------------------------------------------------------------------------------------------------|------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| CP2 LNG Expansion Project<br>Noise Levels of Major Construction Equipment – Silsbee Compressor Station |                                    |                                               |                                               |                                               |                                               |
| Equipment Type                                                                                         | Maximum Noise Level at 50 Feet dBA | Maximum Noise Level at NSA 1 (2,950 Feet) dBA | Maximum Noise Level at NSA 2 (2,400 Feet) dBA | Maximum Noise Level at NSA 3 (2,800 Feet) dBA | Maximum Noise Level at NSA 4 (3,800 Feet) dBA |
| Trucks                                                                                                 | 77                                 | 34                                            | 37                                            | 35                                            | 30                                            |
| Crane                                                                                                  | 81                                 | 38                                            | 41                                            | 39                                            | 34                                            |
| Roller                                                                                                 | 80                                 | 37                                            | 40                                            | 38                                            | 33                                            |
| Dozer                                                                                                  | 82                                 | 39                                            | 42                                            | 40                                            | 35                                            |
| Pickup Trucks                                                                                          | 55                                 | 12                                            | 15                                            | 13                                            | 8                                             |
| Backhoes                                                                                               | 78                                 | 35                                            | 38                                            | 36                                            | 31                                            |
| Front Loader                                                                                           | 79                                 | 36                                            | 39                                            | 37                                            | 32                                            |
| Tractor                                                                                                | 84                                 | 41                                            | 44                                            | 42                                            | 37                                            |
| Scraper                                                                                                | 84                                 | 41                                            | 44                                            | 42                                            | 37                                            |
| Grader                                                                                                 | 85                                 | 42                                            | 45                                            | 43                                            | 38                                            |
| Paver                                                                                                  | 77                                 | 34                                            | 37                                            | 35                                            | 30                                            |

Source: FHWA, 2006

The equipment listed is not used in all phases of construction. Further, the equipment used generally is not operated continuously, nor is the equipment always operated simultaneously. In addition, there will be times when no equipment is operating, and noise would be at ambient levels. Construction-related noise levels are shown to be below the measured daytime pre-construction noise levels at all NSAs.

### Construction Noise Mitigation

Other than maintaining functional mufflers on all diesel-powered equipment, no noise mitigation measures are warranted.

#### 9.3.4.4 Noise Quality Analysis—Operation

Operation of the Silsbee Compressor Station will produce noise on a continuous basis, but levels are expected to remain within applicable FERC limits. Equipment will be installed and maintained according to manufacturer's specifications; therefore, no offsite vibration is anticipated.

Computer modeling was performed to calculate noise levels that will be generated during the operation of the compressor station. To allow a direct comparison with existing noise levels, the model receptors for operational noise are the nearest three NSA locations and where pre-construction noise monitoring was performed.

The commercially available CadnaA model developed by DataKustik GmbH (2025) was used for the analyses. The software has the ability to take into account spreading losses, ground and atmospheric effects, shielding from barriers and buildings, and reflections from surfaces. The software is standards based. The International Organization for Standardization (“ISO”) 9613 standard was used for air absorption and other noise propagation calculations (ISO, 2024). Modeling was conducted conservatively and included area topography. Credit was taken for only a partially acoustically absorptive ground surface (0.5 setting in the model). A setting of “0” corresponds to an acoustically reflective surface, such as pavement or water, while a setting of 1.0 corresponds to loose soils and grassy surfaces. No credit was taken for any vegetation or foliage. Reflections off the ground and compressor station structures were included.

Provided below are the major facility sources that will be in operation.

- Five (5) Baker Hughes Model PGT25+ combustion turbines (turbine body, exhaust stack, and inlet)
- Five (5) Baker Hughes compressors (compressor body, discharge, and inlet)
- Forty (40) gas coolers
- Five (5) lube oil coolers
- Ancillary equipment (building ventilation and HVAC systems)
- 3,600 feet of Aboveground piping
- Substation Transformer (200 MVA)

Estimated noise emissions data for the turbines, compressors and lube oil coolers were obtained from Baker Hughes. Gas cooler data were obtained from Moore Fans. Aboveground piping data were estimated using data from similar projects. The unmitigated sound power level data for all sources utilized in the noise model along with their height above grade, are provided in Table 9.3.4.4-1. Sound power is the total acoustic power produced by a piece of equipment. These levels are always somewhat higher than the sound pressure levels measured at some distant location. Both are represented as dB, but the basis of the power level is watts, whereas the basis of sound pressure is pressure, as indicated by the name.

| TABLE 9.3.4.4-1                                                             |                                   |     |     |     |      |      |      |      |     |
|-----------------------------------------------------------------------------|-----------------------------------|-----|-----|-----|------|------|------|------|-----|
| CP2 LNG Expansion Project<br>Noise Source Data – Silsbee Compressor Station |                                   |     |     |     |      |      |      |      |     |
| Equipment /<br>Height Above<br>Grade                                        | Octave Band Center Frequency (Hz) |     |     |     |      |      |      |      | dBA |
|                                                                             | 63                                | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |     |
| Combustion Turbine Body (enclosed) / 20 feet                                | 104                               | 101 | 100 | 92  | 85   | 92   | 88   | 89   | 98  |
| Combustion Turbine Exhaust / 47 feet                                        | 138                               | 134 | 134 | 132 | 130  | 125  | 126  | 126  | 135 |
| Combustion Turbine Inlet / 13 feet                                          | 122                               | 120 | 119 | 125 | 131  | 142  | 135  | 117  | 144 |
| Turbine enclosure vent out / 21 feet                                        | 116                               | 106 | 96  | 86  | 79   | 83   | 88   | 93   | 97  |

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|                                         |     |     |     |     |     |     |    |    |     |
|-----------------------------------------|-----|-----|-----|-----|-----|-----|----|----|-----|
| Turbine enclosure vent inlet / 21 feet  | 105 | 97  | 92  | 85  | 77  | 87  | 83 | 83 | 92  |
| Stack breakout / 33 feet                | 115 | 110 | 103 | 94  | 90  | 88  | 87 | 88 | 100 |
| Compressor Body / 10 feet               | 96  | 101 | 96  | 98  | 100 | 98  | 94 | 91 | 104 |
| Compressor Discharge / 7 feet           | 97  | 93  | 92  | 92  | 95  | 104 | 94 | 90 | 106 |
| Compressor Inlet / 7 feet               | 83  | 79  | 78  | 78  | 81  | 90  | 80 | 76 | 92  |
| Gas Coolers / 30 feet                   | 89  | 90  | 88  | 83  | 81  | 75  | 69 | 63 | 86  |
| Lube Oil Coolers / 10 feet              | 106 | 104 | 101 | 98  | 95  | 92  | 88 | 83 | 101 |
| Above Ground Piping per meter / 13 feet | 55  | 59  | 57  | 70  | 76  | 61  | 60 | 69 | 77  |
| Main 200 MVA Transformer / 10 feet      | 105 | 107 | 102 | 102 | 96  | 91  | 86 | 79 | 102 |
| Hz = hertz                              |     |     |     |     |     |     |    |    |     |

Mitigation measures were incorporated into the modeling assessment to reduce noise levels to below the 55 dBA Ldn criterion at all NSA locations. The detailed acoustical characteristics of the noise control features are provided in Table 9.3.4.4-2.

| TABLE 9.3.4.4-2                                                                  |                                   |     |     |     |      |      |      |      |
|----------------------------------------------------------------------------------|-----------------------------------|-----|-----|-----|------|------|------|------|
| CP2 LNG Expansion Project<br>Noise Control Features – Silsbee Compressor Station |                                   |     |     |     |      |      |      |      |
|                                                                                  | Octave Band Center Frequency (Hz) |     |     |     |      |      |      |      |
|                                                                                  | 63                                | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| Main Turbine Exhaust Silencer                                                    | 13                                | 19  | 33  | 37  | 39   | 38   | 33   | 16   |
| Main Turbine Air Intake Silencer                                                 | 4                                 | 10  | 25  | 43  | 55   | 55   | 55   | 38   |

The above noise control measures utilized in the analysis are typical of those used on other compressor stations of this size. The goal of the Project is to comply with the FERC noise criterion at nearby NSAs. It may be possible to achieve compliance through the use of noise control measures, or the use of control measures/specifications from vendors, other than those provided in the analyses, provided that the final design achieves compliance. Therefore, the final noise design may or may not include the measures provided in the analyses.

The results of the noise modeling analysis comparing measured ambient noise to modeled noise levels will be provided in a supplemental filing.

## Vibration

The noise modeling analysis included evaluation of low frequency noise (31.5 Hz and 63 Hz octave bands). The results revealed that low frequency noise from the Terminal Facility would be less than 65 dB at each of these frequencies at the nearest NSA and would not be expected to result in noise induced vibration at any NSAs.

## 9.4 CUMULATIVE IMPACTS

### 9.4.1 Scope of Review of Cumulative Impacts

NEPA does not expressly use the term “cumulative impacts”, but prior guidance indicated that a NEPA review should address the reasonably foreseeable direct, indirect, and cumulative environmental impacts of a proposed project. In May 2025, the U.S. Supreme Court addressed the scope of NEPA’s indirect and cumulative impacts review in *Seven County Infrastructure Coalition v. Eagle County*, 605 U.S. 168 (2025). The Court stated: “The proper judicial approach for NEPA cases is straightforward: Courts should review an agency’s EIS to check that it addresses the environmental effects of the project at hand. The EIS need not address the effects of separate projects.” *Id.* at 192. The Court indicated that in determining “how far” to go in assessing reasonably foreseeable impacts, the agency should “focus on the environmental effects from the project at issue.” *Id.* at 174. The Court held that NEPA does not require analysis of effects from other projects that are separate in time or place from the proposed project or effects that lack a reasonably close causal relationship to the project under review due to their effects being too attenuated. In addition, the Court noted that the scope of NEPA review is limited where the reviewing agency has no regulatory authority to prevent effects from those separate projects.

### 9.4.2 Non-Greenhouse Gas Pollutants

The Class II ambient air quality impact assessment modeling that will be performed in accordance with PSD rules and applicable federal and state guidance as part of the LDEQ and TCEQ air quality permit application processes will assess whether any modeled localized air quality impacts are above PSD significant impact levels. If screening modeling indicates air quality impacts are above significant impact levels, LDEQ and TCEQ will require the preparation of PSD refined modeling (i.e., a cumulative impact analysis) in accordance with established PSD procedures. According to EPA, LDEQ, and TCEQ policies, if all non-GHG criteria pollutants emitted from the Project will have a localized impact on ambient concentrations less than the significant impact levels, the Project will have no significant cumulative impacts. For any pollutant with modeled potential impacts above the significant impact levels, the Project will perform a cumulative impact analysis in accordance with EPA, LDEQ, and TCEQ guidance that must demonstrate that the CP2 LNG Expansion Project or the Silsbee Compressor Station will not cause or contribute to a cumulative impact that will exceed NAAQS levels or exceed Class II PSD increments. The results of this evaluation, if required, will be provided to FERC in a supplemental filing.

The Commission may rely on its NEPA review of compliance with the NAAQS to demonstrate that potential adverse impacts from Project air emissions, together with other existing and permitted but not yet operational sources, are not cumulatively significant.<sup>26</sup> Courts have consistently reached this conclusion with respect to other federal agencies’ NEPA reviews: “[T]he case law is nearly unanimous that federal agencies may rely on NAAQS compliance” to determine that there is no significant air impact on health.<sup>27</sup>

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<sup>26</sup> See, e.g., *Vecinos para el Bienestar de la Comunidad Costera v. FERC*, No. 20-1045, 2021 WL 3716769 (D.C. Cir. Aug. 3, 2021); *Sierra Club v. FERC*, 867 F.3d 1367, 1370 n.7 (D.C. Cir. 2017).

<sup>27</sup> *Sierra Club v. Fed. Highway Admin.*, No. 17-cv-1661, 2018 WL 1610304, at \*7 (D. Colo. Apr. 3, 2018); see also *Barnes v. FAA*, 865 F.3d 1266, 1272-73 (9th Cir. 2017); *WildEarth Guardians v. Jewell*, 738 F.3d 298, 311-12 (D.C. Cir. 2013); *Md. Chapter of Sierra Club v. Fed. Highway Admin.*, 2024 WL 1194382, at \*6-10 (D. Md. Mar. 20, 2024) (deferring to the Federal Highway Administration’s methodological discretion in using NAAQS to evaluate the Toll Lane

Further, the Commission’s Natural Gas Act Environmental Guidance specifically provides that the Commission will compare the air impacts of a project against the NAAQS.<sup>28</sup> This guidance allows the Commission’s air analysis to be based on the same modeling provided to air permitting authorities, which is a reasonable approach for the Commission’s NEPA analysis of the Projects’ emissions because the NAAQS are established to protect human health and the environment with a margin of safety. The Clean Air Act is unique among the major environmental laws in that it has a specific mechanism to evaluate cumulative impacts: the modeling required under the PSD program.<sup>29</sup>

In addition to the Class II modeling analysis, CP2 LNG will prepare an ambient ozone analysis to determine the impacts of the CP2 LNG Expansion Project’s emissions on ambient ozone concentrations in the region. This analysis will use the EPA Tier 1 Modeled Emission Rates for Precursors approach (USEPA, 2024). Results from this evaluation will be provided to FERC along with the air permit application in a supplemental filing.

Because of the large distance (greater than 400 km) from major aboveground facilities to the nearest Class I area (Breton National Wildlife Refuge for the Terminal and Caney Creek Wilderness Area for the Compressor Station), a Class I impact analysis is not required. Because the Silsbee Compressor Station is not subject to PSD permitting, a Class I impact analysis is not required, regardless of the distance to the nearest Class I area. The operation of the Project facilities will not cause or contribute to a cumulative impact on air quality or visibility in either of these Class I areas.

### 9.4.3 Greenhouse Gas Pollutants

On August 5, 2016, the Council on Environmental Quality (“CEQ”) issued final guidance for federal agencies to consider when evaluating GHG emissions and the effects of climate change resulting from major federal actions.<sup>30</sup> This guidance was rescinded in 2017 but was later reinstituted under Executive Order 13990 on January 20, 2021. On January 9, 2023, CEQ issued interim guidance on the consideration of greenhouse gas emissions under NEPA and requested comments. CEQ’s 2023 interim guidance suggested that federal agencies should evaluate: (1) the impact of future climate change on the federal action; and (2) the impact of the federal action on future climate change.

Pursuant to Executive Order 14154, Unleashing American Energy, CEQ’s interim 2023 climate change guidance was withdrawn.<sup>31</sup> On May 5, 2025, the White House’s Office of Management and Budget issued guidance, advising agencies to “limit their analysis and

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Project’s PM<sub>2.5</sub> emissions impacts), *appeal pending*, No. 24-1447 (4th Cir. filed May 16, 2024); *Sierra Club v. Fed. Highway Admin.*, 715 F. Supp. 2d 721, 741 (S.D. Tex. 2010) (holding that “[t]he [defendant agencies]’ decision to consider air pollution issues through the same [NAAQS] framework used by the EPA to enforce the Clean Air Act cannot be considered arbitrary or capricious[.]” and the defendant agencies “have not failed to consider the [proposed] highway’s effects on local levels of particulate matter” because “the FEIS specifically addresses the issue of particulate matter under the [NAAQS] framework”), *aff’d*, 435 F. App’x 368 (5th Cir. 2011).

<sup>28</sup> See FERC, *FERC Manual for Environmental Report Preparation for Applications Filed Under the Natural Gas Act* (Feb. 2017), Section 4.9.1.3, available at: <https://www.ferc.gov/sites/default/files/2020-04/guidance-manual-volume-1.pdf>. Accessed December 2025.

<sup>29</sup> As noted above, 42 U.S.C. § 7475(a)(3)(B) and the implementing regulations at 40 C.F.R. § 51.166(k)(1) require that PSD permit applications include a demonstration that emissions from a proposed new major source or major modification to an existing major source will not “cause or contribute” to a violation of any NAAQS. The requirement to evaluate whether the project will contribute to a NAAQS exceedance is a cumulative impact assessment. Louisiana’s equivalent of 40 C.F.R. § 51.166(k)(1) is Louisiana Administrative Code (“LAC”) 33:III.509.K.1.

<sup>30</sup> 81 Fed. Reg. 51,866 (Aug. 5, 2016).

<sup>31</sup> 90 Fed. Reg. 22,472 (May 28, 2025).

consideration of [GHG] emissions only to that plainly required in their governing statutes subject to an exception” involving consultation with the U.S. Department of Justice.<sup>32</sup>

With respect to the Project under evaluation, see the discussion of climate change in Section 9.2.6 above. Although the 2023 CEQ interim guidance’s requirement to analyze the impact of future climate change on the project has been withdrawn, the potential impacts of processes that could be exacerbated by future climate change are described in other resource reports (e.g., coastal flooding and shoreline erosion in Resource Report 6).

## 9.5 REFERENCES

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<sup>32</sup> Memorandum from Jeffrey Bossert Clark, Sr., *Guidance Implementing Section 6 of Executive Order 14154 Entitled “Unleashing American Energy,”* May 5, 2025, <https://www.whitehouse.gov/wp-content/uploads/2025/02/M-25-27-Guidance-Implementing-Section-6-of-Executive-Order-14154-Entitled-Unleashing-American-Energy.pdf>.

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**VENTURE GLOBAL CP2 LNG, LLC  
VENTURE GLOBAL CP EXPRESS, LLC  
CP2 LNG EXPANSION PROJECT**

**RESOURCE REPORT 9 – AIR AND NOISE QUALITY  
APPENDIX 9A  
Summary of the Estimated Project Construction Emissions**

**Appendix 9A**  
**CP2 LNG Expansion Project, Pipeline System and Silsbee Compressor Station**  
**Total Construction-Related Emissions for the Project (tons per year)<sup>a</sup>**

| Construction Activity                            | CO            | NOx            | PM <sub>10</sub> | PM <sub>2.5</sub> | SO <sub>2</sub> | VOC           | HAP          | CO <sub>2</sub> e |
|--------------------------------------------------|---------------|----------------|------------------|-------------------|-----------------|---------------|--------------|-------------------|
| <b>2026 Emissions</b>                            |               |                |                  |                   |                 |               |              |                   |
| <i>Terminal Facilities Emissions</i>             |               |                |                  |                   |                 |               |              |                   |
| Diesel non-road equipment                        | 29.95         | 125.20         | 5.08             | 4.92              | 0.12            | 7.64          | 3.64         | 42,727            |
| Diesel and gas on-road equipment                 | 0.44          | 0.64           | 0.01             | 0.01              | 0.002           | 0.02          | 0.19         | 670               |
| Construction activity fugitive dust <sup>b</sup> | -             | -              | 7.17             | 0.97              | -               | -             | -            | -                 |
| Marine vessels                                   | 0.70          | 4.21           | 0.12             | 0.12              | 0.003           | 0.22          | 0.22         | 301               |
| Marine unloading conveyor                        | -             | -              | <0.01            | <0.01             | -               | -             | -            | -                 |
| Marine unloading storage piles                   | -             | -              | <0.01            | <0.01             | -               | -             | -            | -                 |
| Concrete batch plants                            | 26.15         | 2.84           | 3.58             | 0.58              | 0.04            | 1.35          | 0.03         | -                 |
| Wind Erosion                                     | -             | -              | 5.89             | 5.29              | -               | -             | -            | -                 |
| Dredging                                         | -             | -              | -                | -                 | -               | -             | -            | -                 |
| <i>Terminal Facilities Subtotal</i>              | <i>57.24</i>  | <i>132.90</i>  | <i>21.85</i>     | <i>11.89</i>      | <i>0.17</i>     | <i>9.22</i>   | <i>4.09</i>  | <i>43,698</i>     |
| <b>2026 Subtotal</b>                             | <b>57.24</b>  | <b>132.90</b>  | <b>21.85</b>     | <b>11.89</b>      | <b>0.17</b>     | <b>9.22</b>   | <b>4.09</b>  | <b>43,698</b>     |
| <b>2027 Emissions</b>                            |               |                |                  |                   |                 |               |              |                   |
| <i>Terminal Facilities Emissions</i>             |               |                |                  |                   |                 |               |              |                   |
| Diesel non-road equipment                        | 129.73        | 604.18         | 22.76            | 22.08             | 0.44            | 35.38         | 16.30        | 153,763           |
| Diesel and gas on-road equipment                 | 61.16         | 9.34           | 0.11             | 0.10              | 0.13            | 0.81          | 0.31         | 20,387            |
| Construction activity fugitive dust <sup>b</sup> | -             | -              | 132.14           | 18.28             | -               | -             | -            | -                 |
| Marine vessels                                   | 2.34          | 14.37          | 0.40             | 0.38              | 0.01            | 0.62          | 0.26         | 1,002             |
| Marine unloading conveyor                        | -             | -              | 0.03             | 0.01              | -               | -             | -            | -                 |
| Marine unloading storage piles                   | -             | -              | 0.01             | 0.002             | -               | -             | -            | -                 |
| Concrete batch plants                            | 52.30         | 5.69           | 7.15             | 1.15              | 0.08            | 2.69          | 0.05         | -                 |
| Wind Erosion                                     | -             | -              | 5.89             | 5.29              | -               | -             | -            | -                 |
| Dredging                                         | 44.98         | 232.50         | 4.06             | 3.94              | 0.31            | 6.11          | 0.87         | 33,778            |
| <i>Terminal Facilities Subtotal</i>              | <i>290.51</i> | <i>866.08</i>  | <i>172.57</i>    | <i>51.23</i>      | <i>0.97</i>     | <i>45.61</i>  | <i>17.79</i> | <i>208,930</i>    |
| <i>Pipeline System Emissions</i>                 |               |                |                  |                   |                 |               |              |                   |
| Diesel non-road equipment                        | 2.24          | 7.98           | 0.41             | 0.40              | 0.02            | 0.46          | 0.23         | 6,804             |
| Diesel and gas on-road equipment                 | 2.60          | 0.17           | 0.02             | 0.01              | 0.002           | 0.18          | 0.79         | 288               |
| Construction activity fugitive dust <sup>b</sup> | -             | -              | 10.56            | 1.15              | -               | -             | -            | -                 |
| Open Burning                                     | 133.64        | 3.82           | 16.23            | 16.23             | 0.25            | 18.14         | -            | 152               |
| <i>Pipeline System Subtotal</i>                  | <i>138.48</i> | <i>11.97</i>   | <i>27.22</i>     | <i>17.79</i>      | <i>0.27</i>     | <i>18.78</i>  | <i>1.02</i>  | <i>7,244</i>      |
| <i>Compressor Station Emissions</i>              |               |                |                  |                   |                 |               |              |                   |
| Diesel non-road equipment                        | 3.76          | 12.63          | 0.63             | 0.61              | 0.03            | 0.79          | 0.39         | 11,653            |
| Diesel and gas on-road equipment                 | 16.73         | 0.64           | 0.09             | 0.03              | 0.01            | 1.24          | 4.73         | 1,483             |
| Construction activity fugitive dust <sup>b</sup> | -             | -              | 77.33            | 8.42              | -               | -             | -            | -                 |
| <i>Compressor Station Subtotal</i>               | <i>20.48</i>  | <i>13.27</i>   | <i>78.05</i>     | <i>9.06</i>       | <i>0.04</i>     | <i>2.04</i>   | <i>5.12</i>  | <i>13,136</i>     |
| <b>2027 Subtotal</b>                             | <b>449.48</b> | <b>891.32</b>  | <b>277.84</b>    | <b>78.08</b>      | <b>1.28</b>     | <b>66.43</b>  | <b>23.93</b> | <b>229,310</b>    |
| <b>2028 Emissions</b>                            |               |                |                  |                   |                 |               |              |                   |
| <i>Terminal Facilities Emissions</i>             |               |                |                  |                   |                 |               |              |                   |
| Diesel non-road equipment                        | 66.07         | 303.26         | 11.41            | 11.07             | 0.28            | 17.55         | 8.21         | 96,714            |
| Diesel and gas on-road equipment                 | 51.48         | 8.17           | 0.09             | 0.08              | 0.11            | 0.69          | 0.19         | 18,255            |
| Construction activity fugitive dust <sup>b</sup> | -             | -              | 143.89           | 18.80             | -               | -             | -            | -                 |
| Marine vessels                                   | 3.37          | 20.36          | 0.59             | 0.56              | 0.01            | 1.00          | 0.30         | 1,443             |
| Marine unloading conveyor                        | -             | -              | 0.02             | 0.003             | -               | -             | -            | -                 |
| Marine unloading storage piles                   | -             | -              | 0.01             | 0.001             | -               | -             | -            | -                 |
| Concrete batch plants                            | 78.45         | 8.53           | 10.73            | 1.73              | 0.12            | 4.04          | 0.07         | -                 |
| Wind Erosion                                     | -             | -              | 5.89             | 5.29              | -               | -             | -            | -                 |
| Dredging                                         | -             | -              | -                | -                 | -               | -             | -            | -                 |
| <i>Terminal Facilities Subtotal</i>              | <i>199.37</i> | <i>340.31</i>  | <i>172.63</i>    | <i>37.54</i>      | <i>0.52</i>     | <i>23.28</i>  | <i>8.77</i>  | <i>116,411</i>    |
| <i>Compressor Station Emissions</i>              |               |                |                  |                   |                 |               |              |                   |
| Diesel non-road equipment                        | 3.33          | 11.72          | 0.56             | 0.54              | 0.03            | 0.72          | 0.36         | 11,654            |
| Diesel and gas on-road equipment                 | 16.06         | 0.58           | 0.09             | 0.03              | 0.01            | 1.22          | 4.72         | 1,450             |
| Construction activity fugitive dust <sup>b</sup> | -             | -              | 77.33            | 8.42              | -               | -             | -            | -                 |
| <i>Compressor Station Subtotal</i>               | <i>19.40</i>  | <i>12.30</i>   | <i>77.98</i>     | <i>8.99</i>       | <i>0.04</i>     | <i>1.94</i>   | <i>5.08</i>  | <i>13,104</i>     |
| <b>2028 Subtotal</b>                             | <b>218.77</b> | <b>352.62</b>  | <b>250.61</b>    | <b>46.53</b>      | <b>0.56</b>     | <b>25.22</b>  | <b>13.85</b> | <b>129,515</b>    |
| <b>2029 Emissions</b>                            |               |                |                  |                   |                 |               |              |                   |
| <i>Terminal Facilities Emissions</i>             |               |                |                  |                   |                 |               |              |                   |
| Diesel non-road equipment                        | 16.62         | 77.81          | 2.76             | 2.68              | 0.07            | 4.75          | 2.28         | 22,865            |
| Diesel and gas on-road equipment                 | 9.96          | 2.03           | 0.02             | 0.02              | 0.02            | 0.14          | 0.18         | 4,156             |
| Construction activity fugitive dust <sup>b</sup> | -             | -              | 20.23            | 2.87              | -               | -             | -            | -                 |
| Marine vessels                                   | 1.41          | 8.43           | 0.25             | 0.23              | 0.01            | 0.43          | 0.25         | 601               |
| Marine unloading conveyor                        | -             | -              | <0.01            | <0.01             | -               | -             | -            | -                 |
| Marine unloading storage piles                   | -             | -              | <0.01            | <0.01             | -               | -             | -            | -                 |
| Concrete batch plants                            | 52.30         | 5.69           | 7.15             | 1.15              | 0.08            | 2.69          | 0.05         | -                 |
| Wind Erosion                                     | -             | -              | 5.89             | 5.29              | -               | -             | -            | -                 |
| Dredging                                         | -             | -              | -                | -                 | -               | -             | -            | -                 |
| <i>Terminal Facilities Subtotal</i>              | <i>80.29</i>  | <i>93.96</i>   | <i>36.32</i>     | <i>12.25</i>      | <i>0.18</i>     | <i>8.02</i>   | <i>2.75</i>  | <i>27,623</i>     |
| <i>Compressor Station Emissions</i>              |               |                |                  |                   |                 |               |              |                   |
| Diesel non-road equipment                        | 1.49          | 5.49           | 0.25             | 0.24              | 0.02            | 0.33          | 0.16         | 5,827             |
| Diesel and gas on-road equipment                 | 7.73          | 0.27           | 0.04             | 0.02              | 0.01            | 0.60          | 2.36         | 710               |
| Construction activity fugitive dust <sup>b</sup> | -             | -              | 22.17            | 2.56              | -               | -             | -            | -                 |
| <i>Compressor Station Subtotal</i>               | <i>9.21</i>   | <i>5.76</i>    | <i>22.46</i>     | <i>2.82</i>       | <i>0.02</i>     | <i>0.93</i>   | <i>2.52</i>  | <i>6,537</i>      |
| <b>2029 Subtotal</b>                             | <b>89.50</b>  | <b>99.71</b>   | <b>58.77</b>     | <b>15.07</b>      | <b>0.20</b>     | <b>8.95</b>   | <b>5.27</b>  | <b>34,160</b>     |
| <b>Total Construction Emissions</b>              | <b>814.99</b> | <b>1476.54</b> | <b>609.07</b>    | <b>151.58</b>     | <b>2.21</b>     | <b>109.81</b> | <b>47.14</b> | <b>436,682</b>    |

Source: Appendix 9B – Construction Emission Calculation Details.

- = not applicable

<sup>a</sup> The totals may not match the sum of addends due to rounding.

<sup>b</sup> Includes Construction and Roadway fugitive dust.

**VENTURE GLOBAL CP2 LNG, LLC  
VENTURE GLOBAL CP EXPRESS, LLC**

**CP2 LNG EXPANSION PROJECT**

**RESOURCE REPORT 9 – AIR AND NOISE QUALITY  
APPENDIX 9B**

**Construction-Related Air Pollutant Emission Calculations**

**Venture Global CP2 LNG, LLC**  
**CP2 LNG Expansion Project - Terminal**

**Table 9.B.1.1 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2026 Non-Road Construction Equipment Exhaust Criteria Pollutant Emissions**  
**(Continued)**

| Equipment Type                | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup><br>(hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |                 |                 |      |                  |                   | No. of<br>Equipment/<br>Day <sup>3</sup> | Equipment<br>Operating Duration <sup>3</sup> |           | Pollutant Emissions<br>(tons/year) |                 |                 |      |                  |                   |
|-------------------------------|--------|------------------------------|------------------------------------|--------------------------|-----------------------------------------------------|-----------------|-----------------|------|------------------|-------------------|------------------------------------------|----------------------------------------------|-----------|------------------------------------|-----------------|-----------------|------|------------------|-------------------|
|                               |        |                              |                                    |                          | CO                                                  | NO <sub>x</sub> | SO <sub>2</sub> | VOC  | PM <sub>10</sub> | PM <sub>2.5</sub> |                                          | Hours/Day                                    | Days/Year | CO                                 | NO <sub>x</sub> | SO <sub>2</sub> | VOC  | PM <sub>10</sub> | PM <sub>2.5</sub> |
| CLASS 11 EARTHMOVING          |        |                              |                                    |                          |                                                     |                 |                 |      |                  |                   |                                          |                                              |           |                                    |                 |                 |      |                  |                   |
| Bore / Drill Rigs             | Diesel | 2270002014                   | 1,000                              | 43%                      | 0.91                                                | 4.87            | 1.72E-03        | 0.27 | 0.17             | 0.16              | 29                                       | 12                                           | 66        | 9.86                               | 53.06           | 0.02            | 2.98 | 1.83             | 1.77              |
| Dozers                        | Diesel | 2270002081                   | 70                                 | 59%                      | 0.23                                                | 2.56            | 1.58E-03        | 0.05 | 0.02             | 0.02              | 6                                        | 12                                           | 66        | 0.05                               | 0.55            | 0.00            | 0.01 | 0.00             | 0.00              |
| Excavators                    | Diesel | 2270002077                   | 97                                 | 59%                      | 0.10                                                | 0.90            | 1.58E-03        | 0.01 | 0.02             | 0.02              | 26                                       | 12                                           | 66        | 0.13                               | 1.17            | 0.00            | 0.01 | 0.03             | 0.02              |
| Excavators                    | Diesel | 2270002077                   | 138                                | 59%                      | 0.07                                                | 0.21            | 1.42E-03        | 0.01 | 0.02             | 0.01              | 24                                       | 12                                           | 66        | 0.11                               | 0.36            | 0.00            | 0.02 | 0.03             | 0.03              |
| Excavators                    | Diesel | 2270002077                   | 204                                | 59%                      | 0.03                                                | 0.14            | 1.42E-03        | 0.01 | 0.01             | 0.01              | 6                                        | 12                                           | 66        | 0.02                               | 0.09            | 0.00            | 0.01 | 0.01             | 0.01              |
| Excavators                    | Diesel | 2270002077                   | 207                                | 59%                      | 0.03                                                | 0.14            | 1.42E-03        | 0.01 | 0.01             | 0.01              | 6                                        | 12                                           | 66        | 0.02                               | 0.09            | 0.00            | 0.01 | 0.01             | 0.01              |
| Excavators                    | Diesel | 2270002077                   | 393                                | 59%                      | 0.09                                                | 0.24            | 1.44E-03        | 0.02 | 0.02             | 0.02              | 6                                        | 12                                           | 66        | 0.11                               | 0.29            | 0.00            | 0.02 | 0.02             | 0.02              |
| Excavators                    | Diesel | 2270002077                   | 476                                | 59%                      | 0.09                                                | 0.24            | 1.44E-03        | 0.02 | 0.02             | 0.02              | 6                                        | 12                                           | 66        | 0.13                               | 0.35            | 0.00            | 0.03 | 0.03             | 0.03              |
| Graders                       | Diesel | 2270002078                   | 69                                 | 59%                      | 0.23                                                | 2.56            | 1.58E-03        | 0.05 | 0.02             | 0.02              | 11                                       | 12                                           | 66        | 0.09                               | 1.00            | 0.00            | 0.02 | 0.01             | 0.01              |
| Graders                       | Diesel | 2270002078                   | 74                                 | 59%                      | 0.23                                                | 2.56            | 1.58E-03        | 0.05 | 0.02             | 0.02              | 12                                       | 12                                           | 66        | 0.10                               | 1.17            | 0.00            | 0.02 | 0.01             | 0.01              |
| Graders                       | Diesel | 2270002078                   | 80                                 | 59%                      | 0.14                                                | 0.93            | 1.58E-03        | 0.01 | 0.03             | 0.02              | 12                                       | 12                                           | 66        | 0.07                               | 0.46            | 0.00            | 0.01 | 0.01             | 0.01              |
| Graders                       | Diesel | 2270002078                   | 100                                | 59%                      | 0.14                                                | 0.93            | 1.58E-03        | 0.01 | 0.03             | 0.02              | 6                                        | 12                                           | 66        | 0.04                               | 0.29            | 0.00            | 0.00 | 0.01             | 0.01              |
| Graders                       | Diesel | 2270002078                   | 145                                | 59%                      | 0.08                                                | 0.25            | 1.42E-03        | 0.01 | 0.02             | 0.02              | 19                                       | 12                                           | 66        | 0.11                               | 0.35            | 0.00            | 0.02 | 0.03             | 0.03              |
| Skid Steer loader             | Diesel | 2270002022                   | 58                                 | 21%                      | 4.51                                                | 4.76            | 2.25E-03        | 0.91 | 0.67             | 0.65              | 11                                       | 12                                           | 66        | 0.53                               | 0.56            | 2.63E-04        | 0.11 | 0.08             | 0.08              |
| Tampers / Rammers             | Diesel | 2270002007                   | 3                                  | 43%                      | 2.56                                                | 4.22            | 2.16E-03        | 0.83 | 0.26             | 0.25              | 24                                       | 12                                           | 66        | 0.07                               | 0.11            | 5.84E-05        | 0.02 | 0.01             | 0.01              |
| Tractors / Backhoes           | Diesel | 2270002021                   | 48                                 | 21%                      | 0.35                                                | 2.58            | 1.85E-03        | 0.11 | 0.04             | 0.04              | 6                                        | 12                                           | 66        | 0.02                               | 0.14            | 9.76E-05        | 0.01 | 0.00             | 0.00              |
| Tractors / Backhoes           | Diesel | 2270002021                   | 90                                 | 21%                      | 1.96                                                | 2.21            | 2.02E-03        | 0.36 | 0.29             | 0.29              | 6                                        | 12                                           | 66        | 0.19                               | 0.22            | 2.00E-04        | 0.04 | 0.03             | 0.03              |
| Tractors / Backhoes           | Diesel | 2270002021                   | 157                                | 21%                      | 0.87                                                | 1.61            | 1.82E-03        | 0.27 | 0.17             | 0.17              | 7                                        | 12                                           | 66        | 0.18                               | 0.32            | 3.67E-04        | 0.05 | 0.03             | 0.03              |
| Tractors / Backhoes           | Diesel | 2270002021                   | 160                                | 21%                      | 0.87                                                | 1.61            | 1.82E-03        | 0.27 | 0.17             | 0.17              | 36                                       | 12                                           | 66        | 0.92                               | 1.70            | 0.00            | 0.28 | 0.18             | 0.18              |
| Tractors / Backhoes           | Diesel | 2270002021                   | 230                                | 21%                      | 0.73                                                | 1.47            | 1.82E-03        | 0.23 | 0.14             | 0.14              | 12                                       | 12                                           | 66        | 0.37                               | 0.74            | 9.21E-04        | 0.12 | 0.07             | 0.07              |
| CLASS 14 CRANES               |        |                              |                                    |                          |                                                     |                 |                 |      |                  |                   |                                          |                                              |           |                                    |                 |                 |      |                  |                   |
| Cranes                        | Diesel | 2270002017                   | 155                                | 43%                      | 0.11                                                | 0.34            | 1.43E-03        | 0.02 | 0.03             | 0.03              | 22                                       | 12                                           | 66        | 0.14                               | 0.44            | 0.00            | 0.03 | 0.04             | 0.03              |
| Cranes                        | Diesel | 2270002017                   | 285                                | 43%                      | 0.06                                                | 0.24            | 1.42E-03        | 0.02 | 0.01             | 0.01              | 6                                        | 12                                           | 66        | 0.04                               | 0.15            | 0.00            | 0.01 | 0.01             | 0.01              |
| Cranes                        | Diesel | 2270002017                   | 340                                | 43%                      | 0.18                                                | 0.77            | 1.48E-03        | 0.04 | 0.03             | 0.03              | 7                                        | 12                                           | 66        | 0.16                               | 0.69            | 0.00            | 0.04 | 0.03             | 0.03              |
| Cranes                        | Diesel | 2270002017                   | 400                                | 43%                      | 0.18                                                | 0.77            | 1.48E-03        | 0.04 | 0.03             | 0.03              | 12                                       | 12                                           | 66        | 0.33                               | 1.39            | 0.00            | 0.07 | 0.06             | 0.05              |
| Cranes                        | Diesel | 2270002017                   | 450                                | 43%                      | 0.18                                                | 0.77            | 1.48E-03        | 0.04 | 0.03             | 0.03              | 97                                       | 12                                           | 66        | 3.02                               | 12.67           | 0.02            | 0.68 | 0.51             | 0.49              |
| Cranes                        | Diesel | 2270002017                   | 500                                | 43%                      | 0.18                                                | 0.77            | 1.48E-03        | 0.04 | 0.03             | 0.03              | 6                                        | 12                                           | 66        | 0.21                               | 0.87            | 0.00            | 0.05 | 0.03             | 0.03              |
| Cranes                        | Diesel | 2270002017                   | 510                                | 43%                      | 0.18                                                | 0.77            | 1.48E-03        | 0.04 | 0.03             | 0.03              | 14                                       | 12                                           | 66        | 0.49                               | 2.07            | 0.00            | 0.11 | 0.08             | 0.08              |
| Cranes                        | Diesel | 2270002017                   | 550                                | 43%                      | 0.18                                                | 0.77            | 1.48E-03        | 0.04 | 0.03             | 0.03              | 57                                       | 12                                           | 66        | 2.17                               | 9.10            | 0.02            | 0.49 | 0.36             | 0.35              |
| CLASS 15 FORKLIFT             |        |                              |                                    |                          |                                                     |                 |                 |      |                  |                   |                                          |                                              |           |                                    |                 |                 |      |                  |                   |
| Aerial Lifts                  | Diesel | 2270003025                   | 49                                 | 21%                      | 2.87                                                | 3.91            | 2.16E-03        | 0.73 | 0.46             | 0.45              | 6                                        | 12                                           | 66        | 0.15                               | 0.21            | 1.16E-04        | 0.04 | 0.02             | 0.02              |
| Aerial Lifts                  | Diesel | 2270003025                   | 51                                 | 21%                      | 2.81                                                | 4.05            | 2.16E-03        | 0.58 | 0.39             | 0.37              | 17                                       | 12                                           | 66        | 0.45                               | 0.64            | 3.43E-04        | 0.09 | 0.06             | 0.06              |
| Aerial Lifts                  | Diesel | 2270003025                   | 74                                 | 21%                      | 2.81                                                | 4.05            | 2.16E-03        | 0.58 | 0.39             | 0.37              | 6                                        | 12                                           | 66        | 0.23                               | 0.33            | 1.76E-04        | 0.05 | 0.03             | 0.03              |
| Forklifts                     | Diesel | 2270003026                   | 7                                  | 59%                      | 1.51                                                | 3.77            | 2.19E-03        | 0.35 | 0.18             | 0.17              | 6                                        | 12                                           | 66        | 0.03                               | 0.08            | 4.73E-05        | 0.01 | 0.00             | 0.00              |
| Forklifts                     | Diesel | 2270003026                   | 74                                 | 59%                      | 0.19                                                | 2.55            | 1.57E-03        | 0.05 | 0.02             | 0.02              | 36                                       | 12                                           | 66        | 0.26                               | 3.49            | 0.00            | 0.07 | 0.02             | 0.02              |
| Forklifts                     | Diesel | 2270003026                   | 80                                 | 59%                      | 0.05                                                | 0.86            | 1.57E-03        | 0.01 | 0.01             | 0.01              | 6                                        | 12                                           | 66        | 0.01                               | 0.21            | 3.88E-04        | 0.00 | 0.00             | 0.00              |
| Forklifts                     | Diesel | 2270003026                   | 99                                 | 59%                      | 0.05                                                | 0.86            | 1.57E-03        | 0.01 | 0.01             | 0.01              | 6                                        | 12                                           | 66        | 0.02                               | 0.26            | 4.80E-04        | 0.00 | 0.00             | 0.00              |
| CLASS 16 CONCRETE / AGGREGATE |        |                              |                                    |                          |                                                     |                 |                 |      |                  |                   |                                          |                                              |           |                                    |                 |                 |      |                  |                   |
| Pumps                         | Diesel | 2270006065                   | 58                                 | 43%                      | 1.20                                                | 3.66            | 1.79E-03        | 0.27 | 0.22             | 0.22              | 11                                       | 12                                           | 66        | 0.29                               | 0.88            | 4.29E-04        | 0.07 | 0.05             | 0.05              |
| Concrete / Industrial Saws    | Diesel | 2270002015                   | 11                                 | 59%                      | 2.46                                                | 4.18            | 2.18E-03        | 0.84 | 0.24             | 0.23              | 6                                        | 12                                           | 66        | 0.08                               | 0.14            | 7.42E-05        | 0.03 | 0.01             | 0.01              |

**Table 9.B.1.1 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project  
2026 Non-Road Construction Equipment Exhaust Criteria Pollutant Emissions  
(Continued)**

| Equipment Type                                                                                                                                                      | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup><br>(hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |                 |                 |      |                  |                   | No. of<br>Equipment/<br>Day <sup>3</sup> | Equipment<br>Operating Duration <sup>3</sup> |           | Pollutant Emissions<br>(tons/year) |                 |                 |      |                  |                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------|------------------------------------|--------------------------|-----------------------------------------------------|-----------------|-----------------|------|------------------|-------------------|------------------------------------------|----------------------------------------------|-----------|------------------------------------|-----------------|-----------------|------|------------------|-------------------|
|                                                                                                                                                                     |        |                              |                                    |                          | CO                                                  | NO <sub>x</sub> | SO <sub>2</sub> | VOC  | PM <sub>10</sub> | PM <sub>2.5</sub> |                                          | Hours/Day                                    | Days/Year | CO                                 | NO <sub>x</sub> | SO <sub>2</sub> | VOC  | PM <sub>10</sub> | PM <sub>2.5</sub> |
| CLASS 17 AIR COMPRESSORS                                                                                                                                            |        |                              |                                    |                          |                                                     |                 |                 |      |                  |                   |                                          |                                              |           |                                    |                 |                 |      |                  |                   |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 5                                  | 43%                      | 2.46                                                | 4.18            | 2.16E-03        | 0.84 | 0.24             | 0.23              | 7                                        | 12                                           | 66        | 0.03                               | 0.05            | 2.84E-05        | 0.01 | 0.00             | 0.00              |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 13                                 | 43%                      | 1.49                                                | 3.76            | 2.17E-03        | 0.35 | 0.17             | 0.16              | 6                                        | 12                                           | 66        | 0.04                               | 0.11            | 6.35E-05        | 0.01 | 0.00             | 0.00              |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 35                                 | 43%                      | 0.29                                                | 2.54            | 1.56E-03        | 0.09 | 0.02             | 0.02              | 6                                        | 12                                           | 66        | 0.02                               | 0.20            | 1.23E-04        | 0.01 | 0.00             | 0.00              |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 49                                 | 43%                      | 0.29                                                | 2.54            | 1.56E-03        | 0.09 | 0.02             | 0.02              | 7                                        | 12                                           | 66        | 0.04                               | 0.33            | 2.01E-04        | 0.01 | 0.00             | 0.00              |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 75                                 | 43%                      | 0.42                                                | 1.31            | 1.64E-03        | 0.05 | 0.07             | 0.07              | 6                                        | 12                                           | 66        | 0.07                               | 0.22            | 2.77E-04        | 0.01 | 0.01             | 0.01              |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 130                                | 43%                      | 0.18                                                | 0.68            | 1.47E-03        | 0.04 | 0.04             | 0.04              | 6                                        | 12                                           | 66        | 0.05                               | 0.20            | 4.31E-04        | 0.01 | 0.01             | 0.01              |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 300                                | 43%                      | 0.35                                                | 1.25            | 1.55E-03        | 0.08 | 0.06             | 0.05              | 49                                       | 12                                           | 66        | 1.93                               | 6.92            | 0.01            | 0.41 | 0.31             | 0.30              |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 475                                | 43%                      | 0.35                                                | 1.25            | 1.55E-03        | 0.08 | 0.06             | 0.05              | 6                                        | 12                                           | 66        | 0.37                               | 1.34            | 0.00            | 0.08 | 0.06             | 0.06              |
| CLASS 55,56 SMALL CAPITAL EQUIPMENT                                                                                                                                 |        |                              |                                    |                          |                                                     |                 |                 |      |                  |                   |                                          |                                              |           |                                    |                 |                 |      |                  |                   |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 14                                 | 43%                      | 1.76                                                | 4.02            | 2.17E-03        | 0.44 | 0.22             | 0.22              | 26                                       | 12                                           | 66        | 0.24                               | 0.55            | 2.96E-04        | 0.06 | 0.03             | 0.03              |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 20                                 | 43%                      | 1.76                                                | 4.02            | 2.17E-03        | 0.44 | 0.22             | 0.22              | 66                                       | 12                                           | 66        | 0.87                               | 1.99            | 0.00            | 0.22 | 0.11             | 0.11              |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 36                                 | 43%                      | 0.71                                                | 3.02            | 1.70E-03        | 0.21 | 0.11             | 0.10              | 7                                        | 12                                           | 66        | 0.07                               | 0.29            | 1.61E-04        | 0.02 | 0.01             | 0.01              |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 100                                | 43%                      | 0.62                                                | 2.22            | 1.62E-03        | 0.19 | 0.14             | 0.13              | 12                                       | 12                                           | 66        | 0.28                               | 1.00            | 7.31E-04        | 0.08 | 0.06             | 0.06              |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 270                                | 43%                      | 0.52                                                | 2.09            | 1.62E-03        | 0.17 | 0.11             | 0.11              | 7                                        | 12                                           | 66        | 0.37                               | 1.49            | 0.00            | 0.12 | 0.08             | 0.08              |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 2,346                              | 43%                      | 0.59                                                | 2.13            | 1.62E-03        | 0.13 | 0.09             | 0.09              | 6                                        | 12                                           | 66        | 3.14                               | 11.25           | 0.01            | 0.68 | 0.46             | 0.45              |
| OTHER EQUIPMENT                                                                                                                                                     |        |                              |                                    |                          |                                                     |                 |                 |      |                  |                   |                                          |                                              |           |                                    |                 |                 |      |                  |                   |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 10                                 | 43%                      | 2.45                                                | 4.18            | 2.16E-03        | 0.84 | 0.24             | 0.23              | 6                                        | 12                                           | 66        | 0.06                               | 0.09            | 4.87E-05        | 0.02 | 0.01             | 0.01              |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 20                                 | 43%                      | 1.48                                                | 3.76            | 2.17E-03        | 0.35 | 0.17             | 0.16              | 42                                       | 12                                           | 66        | 0.47                               | 1.19            | 6.83E-04        | 0.11 | 0.05             | 0.05              |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 22                                 | 43%                      | 1.48                                                | 3.76            | 2.17E-03        | 0.35 | 0.17             | 0.16              | 6                                        | 12                                           | 66        | 0.07                               | 0.19            | 1.07E-04        | 0.02 | 0.01             | 0.01              |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 85                                 | 43%                      | 0.29                                                | 1.19            | 1.61E-03        | 0.03 | 0.05             | 0.05              | 6                                        | 12                                           | 66        | 0.06                               | 0.23            | 3.08E-04        | 0.01 | 0.01             | 0.01              |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 265                                | 43%                      | 0.09                                                | 0.38            | 1.45E-03        | 0.03 | 0.02             | 0.02              | 6                                        | 12                                           | 66        | 0.06                               | 0.23            | 0.00            | 0.02 | 0.01             | 0.01              |
| Welders                                                                                                                                                             | Diesel | 2270006068                   | 58                                 | 21%                      | 2.80                                                | 3.86            | 2.11E-03        | 0.57 | 0.42             | 0.41              | 17                                       | 12                                           | 66        | 0.51                               | 0.70            | 3.82E-04        | 0.10 | 0.08             | 0.07              |
| Total                                                                                                                                                               |        |                              |                                    |                          |                                                     |                 |                 |      |                  |                   |                                          |                                              |           | 29.95                              | 125.20          | 0.12            | 7.64 | 5.08             | 4.92              |
| 1. Based on EPA MOVES5.<br>2. EPA MOVES5 run for calendar year 2026, Cameron Parish.<br>3. Based on engineering estimates and best currently available information. |        |                              |                                    |                          |                                                     |                 |                 |      |                  |                   |                                          |                                              |           |                                    |                 |                 |      |                  |                   |

**Table 9.B.1.2 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2026 Non-Road Construction Equipment Exhaust Greenhouse Gas Emissions**  
**(Continued)**

| Equipment Type                | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup><br>(hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |                 |                               | No. of<br>Equipment/Day <sup>3</sup> | Equipment<br>Operating Duration <sup>3</sup> |           | Pollutant Emissions<br>(tons/year) |                 |                  |                                |
|-------------------------------|--------|------------------------------|------------------------------------|--------------------------|-----------------------------------------------------|-----------------|-------------------------------|--------------------------------------|----------------------------------------------|-----------|------------------------------------|-----------------|------------------|--------------------------------|
|                               |        |                              |                                    |                          | CO <sub>2</sub>                                     | CH <sub>4</sub> | N <sub>2</sub> O <sup>4</sup> |                                      | Hours/Day                                    | Days/Year | CO <sub>2</sub>                    | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e <sup>5</sup> |
| CLASS 11 EARTHMOVING          |        |                              |                                    |                          |                                                     |                 |                               |                                      |                                              |           |                                    |                 |                  |                                |
| Bore / Drill Rigs             | Diesel | 2270002014                   | 1,000                              | 43%                      | 530.25                                              | 0.01            | 0.02                          | 29                                   | 12                                           | 66        | 5.77E+03                           | 5.88E-02        | 2.43E-01         | 5.84E+03                       |
| Dozers                        | Diesel | 2270002081                   | 70                                 | 59%                      | 595.99                                              | 0.01            | 0.03                          | 6                                    | 12                                           | 66        | 1.29E+02                           | 2.01E-03        | 5.43E-03         | 1.30E+02                       |
| Excavators                    | Diesel | 2270002077                   | 97                                 | 59%                      | 596.13                                              | 8.07E-04        | 0.03                          | 26                                   | 12                                           | 66        | 7.74E+02                           | 1.05E-03        | 3.26E-02         | 7.83E+02                       |
| Excavators                    | Diesel | 2270002077                   | 138                                | 59%                      | 536.80                                              | 7.95E-04        | 0.02                          | 24                                   | 12                                           | 66        | 9.16E+02                           | 1.36E-03        | 3.86E-02         | 9.26E+02                       |
| Excavators                    | Diesel | 2270002077                   | 204                                | 59%                      | 536.80                                              | 5.41E-04        | 0.02                          | 6                                    | 12                                           | 66        | 3.38E+02                           | 3.41E-04        | 1.43E-02         | 3.42E+02                       |
| Excavators                    | Diesel | 2270002077                   | 207                                | 59%                      | 536.80                                              | 5.41E-04        | 0.02                          | 6                                    | 12                                           | 66        | 3.43E+02                           | 3.46E-04        | 1.45E-02         | 3.47E+02                       |
| Excavators                    | Diesel | 2270002077                   | 393                                | 59%                      | 536.78                                              | 1.18E-03        | 0.02                          | 6                                    | 12                                           | 66        | 6.52E+02                           | 1.43E-03        | 2.75E-02         | 6.59E+02                       |
| Excavators                    | Diesel | 2270002077                   | 476                                | 59%                      | 536.78                                              | 1.18E-03        | 0.02                          | 6                                    | 12                                           | 66        | 7.90E+02                           | 1.73E-03        | 3.33E-02         | 7.99E+02                       |
| Graders                       | Diesel | 2270002078                   | 69                                 | 59%                      | 595.99                                              | 0.01            | 0.03                          | 11                                   | 12                                           | 66        | 2.33E+02                           | 3.61E-03        | 9.81E-03         | 2.36E+02                       |
| Graders                       | Diesel | 2270002078                   | 74                                 | 59%                      | 595.99                                              | 0.01            | 0.03                          | 12                                   | 12                                           | 66        | 2.73E+02                           | 4.23E-03        | 1.15E-02         | 2.76E+02                       |
| Graders                       | Diesel | 2270002078                   | 80                                 | 59%                      | 596.12                                              | 1.02E-03        | 0.03                          | 12                                   | 12                                           | 66        | 2.95E+02                           | 5.04E-04        | 1.24E-02         | 2.98E+02                       |
| Graders                       | Diesel | 2270002078                   | 100                                | 59%                      | 596.12                                              | 1.02E-03        | 0.03                          | 6                                    | 12                                           | 66        | 1.84E+02                           | 3.15E-04        | 7.76E-03         | 1.86E+02                       |
| Graders                       | Diesel | 2270002078                   | 145                                | 59%                      | 536.79                                              | 9.70E-04        | 0.02                          | 19                                   | 12                                           | 66        | 7.62E+02                           | 1.38E-03        | 3.21E-02         | 7.70E+02                       |
| Skid Steer loader             | Diesel | 2270002022                   | 58                                 | 21%                      | 693.37                                              | 0.03            | 0.03                          | 11                                   | 12                                           | 66        | 8.11E+01                           | 3.78E-03        | 3.42E-03         | 8.21E+01                       |
| Tampers / Rammers             | Diesel | 2270002007                   | 3                                  | 43%                      | 587.98                                              | 0.07            | 0.02                          | 24                                   | 12                                           | 66        | 1.59E+01                           | 1.95E-03        | 6.69E-04         | 1.61E+01                       |
| Tractors / Backhoes           | Diesel | 2270002021                   | 48                                 | 21%                      | 695.68                                              | 0.01            | 0.03                          | 6                                    | 12                                           | 66        | 3.67E+01                           | 7.12E-04        | 1.55E-03         | 3.72E+01                       |
| Tractors / Backhoes           | Diesel | 2270002021                   | 90                                 | 21%                      | 694.95                                              | 0.01            | 0.03                          | 6                                    | 12                                           | 66        | 6.88E+01                           | 1.38E-03        | 2.90E-03         | 6.96E+01                       |
| Tractors / Backhoes           | Diesel | 2270002021                   | 157                                | 21%                      | 625.78                                              | 0.01            | 0.03                          | 7                                    | 12                                           | 66        | 1.26E+02                           | 2.76E-03        | 5.31E-03         | 1.28E+02                       |
| Tractors / Backhoes           | Diesel | 2270002021                   | 160                                | 21%                      | 625.78                                              | 0.01            | 0.03                          | 36                                   | 12                                           | 66        | 6.61E+02                           | 1.45E-02        | 2.78E-02         | 6.69E+02                       |
| Tractors / Backhoes           | Diesel | 2270002021                   | 230                                | 21%                      | 625.88                                              | 0.01            | 0.03                          | 12                                   | 12                                           | 66        | 3.17E+02                           | 5.74E-03        | 1.33E-02         | 3.20E+02                       |
| CLASS 14 CRANES               |        |                              |                                    |                          |                                                     |                 |                               |                                      |                                              |           |                                    |                 |                  |                                |
| Cranes                        | Diesel | 2270002017                   | 155                                | 43%                      | 530.98                                              | 1.87E-03        | 0.02                          | 22                                   | 12                                           | 66        | 6.80E+02                           | 2.40E-03        | 2.86E-02         | 6.87E+02                       |
| Cranes                        | Diesel | 2270002017                   | 285                                | 43%                      | 530.98                                              | 1.27E-03        | 0.02                          | 6                                    | 12                                           | 66        | 3.41E+02                           | 8.13E-04        | 1.44E-02         | 3.45E+02                       |
| Cranes                        | Diesel | 2270002017                   | 340                                | 43%                      | 530.92                                              | 2.61E-03        | 0.02                          | 7                                    | 12                                           | 66        | 4.74E+02                           | 2.33E-03        | 2.00E-02         | 4.80E+02                       |
| Cranes                        | Diesel | 2270002017                   | 400                                | 43%                      | 530.92                                              | 2.61E-03        | 0.02                          | 12                                   | 12                                           | 66        | 9.57E+02                           | 4.71E-03        | 4.03E-02         | 9.67E+02                       |
| Cranes                        | Diesel | 2270002017                   | 450                                | 43%                      | 530.92                                              | 2.61E-03        | 0.02                          | 97                                   | 12                                           | 66        | 8.70E+03                           | 4.28E-02        | 3.66E-01         | 8.80E+03                       |
| Cranes                        | Diesel | 2270002017                   | 500                                | 43%                      | 530.92                                              | 2.61E-03        | 0.02                          | 6                                    | 12                                           | 66        | 5.98E+02                           | 2.94E-03        | 2.52E-02         | 6.05E+02                       |
| Cranes                        | Diesel | 2270002017                   | 510                                | 43%                      | 530.92                                              | 2.61E-03        | 0.02                          | 14                                   | 12                                           | 66        | 1.42E+03                           | 7.00E-03        | 5.99E-02         | 1.44E+03                       |
| Cranes                        | Diesel | 2270002017                   | 550                                | 43%                      | 530.92                                              | 2.61E-03        | 0.02                          | 57                                   | 12                                           | 66        | 6.25E+03                           | 3.07E-02        | 2.63E-01         | 6.32E+03                       |
| CLASS 15 FORKLIFT             |        |                              |                                    |                          |                                                     |                 |                               |                                      |                                              |           |                                    |                 |                  |                                |
| Aerial Lifts                  | Diesel | 2270003025                   | 49                                 | 21%                      | 693.88                                              | 0.02            | 0.03                          | 6                                    | 12                                           | 66        | 3.74E+01                           | 1.32E-03        | 1.58E-03         | 3.79E+01                       |
| Aerial Lifts                  | Diesel | 2270003025                   | 51                                 | 21%                      | 694.31                                              | 0.02            | 0.03                          | 17                                   | 12                                           | 66        | 1.10E+02                           | 3.78E-03        | 4.65E-03         | 1.12E+02                       |
| Aerial Lifts                  | Diesel | 2270003025                   | 74                                 | 21%                      | 694.31                                              | 0.02            | 0.03                          | 6                                    | 12                                           | 66        | 5.65E+01                           | 1.94E-03        | 2.38E-03         | 5.72E+01                       |
| Forklifts                     | Diesel | 2270003026                   | 7                                  | 59%                      | 595.15                                              | 0.03            | 0.03                          | 6                                    | 12                                           | 66        | 1.29E+01                           | 6.72E-04        | 5.42E-04         | 1.30E+01                       |
| Forklifts                     | Diesel | 2270003026                   | 74                                 | 59%                      | 596.00                                              | 0.01            | 0.03                          | 36                                   | 12                                           | 66        | 8.18E+02                           | 1.22E-02        | 3.44E-02         | 8.27E+02                       |
| Forklifts                     | Diesel | 2270003026                   | 80                                 | 59%                      | 596.13                                              | 5.40E-04        | 0.03                          | 6                                    | 12                                           | 66        | 1.47E+02                           | 1.33E-04        | 6.21E-03         | 1.49E+02                       |
| Forklifts                     | Diesel | 2270003026                   | 99                                 | 59%                      | 596.13                                              | 5.40E-04        | 0.03                          | 6                                    | 12                                           | 66        | 1.82E+02                           | 1.65E-04        | 7.68E-03         | 1.84E+02                       |
| CLASS 16 CONCRETE / AGGREGATE |        |                              |                                    |                          |                                                     |                 |                               |                                      |                                              |           |                                    |                 |                  |                                |
| Pumps                         | Diesel | 2270006065                   | 58                                 | 43%                      | 589.56                                              | 0.01            | 0.02                          | 11                                   | 12                                           | 66        | 1.41E+02                           | 3.04E-03        | 5.95E-03         | 1.43E+02                       |
| Concrete / Industrial Saws    | Diesel | 2270002015                   | 11                                 | 59%                      | 593.75                                              | 0.07            | 0.03                          | 6                                    | 12                                           | 66        | 2.02E+01                           | 2.51E-03        | 8.50E-04         | 2.05E+01                       |

**Table 9.B.1.2 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project  
2026 Non-Road Construction Equipment Exhaust Greenhouse Gas Emissions  
(Continued)**

| Equipment Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup><br>(hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |                 |                               | No. of<br>Equipment/Day <sup>3</sup> | Equipment<br>Operating Duration <sup>3</sup> |           | Pollutant Emissions<br>(tons/year) |                 |                  |                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------|------------------------------------|--------------------------|-----------------------------------------------------|-----------------|-------------------------------|--------------------------------------|----------------------------------------------|-----------|------------------------------------|-----------------|------------------|--------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |                              |                                    |                          | CO <sub>2</sub>                                     | CH <sub>4</sub> | N <sub>2</sub> O <sup>4</sup> |                                      | Hours/Day                                    | Days/Year | CO <sub>2</sub>                    | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e <sup>5</sup> |
| CLASS 17 AIR COMPRESSORS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |                              |                                    |                          |                                                     |                 |                               |                                      |                                              |           |                                    |                 |                  |                                |
| Air Compressors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Diesel | 2270006066                   | 5                                  | 43%                      | 587.97                                              | 0.07            | 0.02                          | 7                                    | 12                                           | 66        | 7.73E+00                           | 9.69E-04        | 3.25E-04         | 7.84E+00                       |
| Air Compressors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Diesel | 2270006066                   | 13                                 | 43%                      | 589.36                                              | 0.03            | 0.02                          | 6                                    | 12                                           | 66        | 1.73E+01                           | 9.07E-04        | 7.27E-04         | 1.75E+01                       |
| Air Compressors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Diesel | 2270006066                   | 35                                 | 43%                      | 590.09                                              | 0.01            | 0.02                          | 6                                    | 12                                           | 66        | 4.65E+01                           | 9.85E-04        | 1.96E-03         | 4.71E+01                       |
| Air Compressors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Diesel | 2270006066                   | 49                                 | 43%                      | 590.09                                              | 0.01            | 0.02                          | 7                                    | 12                                           | 66        | 7.60E+01                           | 1.61E-03        | 3.20E-03         | 7.69E+01                       |
| Air Compressors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Diesel | 2270006066                   | 75                                 | 43%                      | 590.24                                              | 3.65E-03        | 0.02                          | 6                                    | 12                                           | 66        | 9.97E+01                           | 6.17E-04        | 4.20E-03         | 1.01E+02                       |
| Air Compressors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Diesel | 2270006066                   | 130                                | 43%                      | 530.93                                              | 3.33E-03        | 0.02                          | 6                                    | 12                                           | 66        | 1.55E+02                           | 9.75E-04        | 6.55E-03         | 1.57E+02                       |
| Air Compressors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Diesel | 2270006066                   | 300                                | 43%                      | 530.83                                              | 3.85E-03        | 0.02                          | 49                                   | 12                                           | 66        | 2.93E+03                           | 2.12E-02        | 1.23E-01         | 2.96E+03                       |
| Air Compressors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Diesel | 2270006066                   | 475                                | 43%                      | 530.83                                              | 3.85E-03        | 0.02                          | 6                                    | 12                                           | 66        | 5.68E+02                           | 4.12E-03        | 2.39E-02         | 5.74E+02                       |
| CLASS 55,56 SMALL CAPITAL EQUIPMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |                              |                                    |                          |                                                     |                 |                               |                                      |                                              |           |                                    |                 |                  |                                |
| Generators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Diesel | 2270006064                   | 14                                 | 43%                      | 589.09                                              | 0.03            | 0.02                          | 26                                   | 12                                           | 66        | 8.05E+01                           | 4.38E-03        | 3.39E-03         | 8.15E+01                       |
| Generators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Diesel | 2270006064                   | 20                                 | 43%                      | 589.09                                              | 0.03            | 0.02                          | 66                                   | 12                                           | 66        | 2.92E+02                           | 1.59E-02        | 1.23E-02         | 2.96E+02                       |
| Generators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Diesel | 2270006064                   | 36                                 | 43%                      | 589.74                                              | 0.02            | 0.02                          | 7                                    | 12                                           | 66        | 5.58E+01                           | 1.59E-03        | 2.35E-03         | 5.65E+01                       |
| Generators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Diesel | 2270006064                   | 100                                | 43%                      | 530.50                                              | 0.01            | 0.02                          | 12                                   | 12                                           | 66        | 2.39E+02                           | 3.23E-03        | 1.01E-02         | 2.42E+02                       |
| Generators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Diesel | 2270006064                   | 270                                | 43%                      | 530.55                                              | 0.01            | 0.02                          | 7                                    | 12                                           | 66        | 3.76E+02                           | 4.56E-03        | 1.59E-02         | 3.81E+02                       |
| Generators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Diesel | 2270006064                   | 2,346                              | 43%                      | 530.67                                              | 4.76E-03        | 0.02                          | 6                                    | 12                                           | 66        | 2.80E+03                           | 2.52E-02        | 1.18E-01         | 2.84E+03                       |
| OTHER EQUIPMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |                              |                                    |                          |                                                     |                 |                               |                                      |                                              |           |                                    |                 |                  |                                |
| Other general equipment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Diesel | 2270003028                   | 10                                 | 43%                      | 587.97                                              | 0.07            | 0.02                          | 6                                    | 12                                           | 66        | 1.32E+01                           | 1.66E-03        | 5.58E-04         | 1.34E+01                       |
| Other general equipment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Diesel | 2270003028                   | 20                                 | 43%                      | 589.36                                              | 0.03            | 0.02                          | 42                                   | 12                                           | 66        | 1.86E+02                           | 9.77E-03        | 7.83E-03         | 1.88E+02                       |
| Other general equipment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Diesel | 2270003028                   | 22                                 | 43%                      | 589.36                                              | 0.03            | 0.02                          | 6                                    | 12                                           | 66        | 2.92E+01                           | 1.53E-03        | 1.23E-03         | 2.96E+01                       |
| Other general equipment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Diesel | 2270003028                   | 85                                 | 43%                      | 590.28                                              | 2.65E-03        | 0.02                          | 6                                    | 12                                           | 66        | 1.13E+02                           | 5.06E-04        | 4.76E-03         | 1.14E+02                       |
| Other general equipment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Diesel | 2270003028                   | 265                                | 43%                      | 530.96                                              | 2.21E-03        | 0.02                          | 6                                    | 12                                           | 66        | 3.17E+02                           | 1.32E-03        | 1.33E-02         | 3.20E+02                       |
| Welders                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Diesel | 2270006068                   | 58                                 | 21%                      | 694.32                                              | 0.02            | 0.03                          | 17                                   | 12                                           | 66        | 1.26E+02                           | 3.75E-03        | 5.29E-03         | 1.27E+02                       |
| Total                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |                              |                                    |                          |                                                     |                 |                               |                                      |                                              |           | 42,246                             | 0.33            | 1.78             | 42,727                         |
| 1. Based on EPA MOVES5.<br>2. EPA MOVES5 run for calendar year 2026, Cameron Parish.<br>3. Based on engineering estimates and best currently available information.<br>4. 2025 Climate Registry Default Emission Factors, Released: March 2025, Tables 2.1 and 2.7., ratioed based on CO <sub>2</sub> emission factor from EPA MOVES5.<br><a href="https://theclimaterestry.org/wp-content/uploads/2025/03/2025-Default-Emission-Factors-03-2025.pdf">https://theclimaterestry.org/wp-content/uploads/2025/03/2025-Default-Emission-Factors-03-2025.pdf</a><br>5. The global warming potentials of CO <sub>2</sub> , CH <sub>4</sub> , and N <sub>2</sub> O are assumed to be 1, 28, and 265, respectively. |        |                              |                                    |                          |                                                     |                 |                               |                                      |                                              |           |                                    |                 |                  |                                |

**Table 9.B.1.3 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2026 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions**  
**(Continued)**

| Equipment Type                | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup> (hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup> (g/hp-hr) |                        |              |          | No. of Equipment/D ay <sup>3</sup> | Equipment Operating Duration <sup>3</sup> |           | Pollutant Emissions (tons/year) |                        |              |          |
|-------------------------------|--------|------------------------------|---------------------------------|--------------------------|--------------------------------------------------|------------------------|--------------|----------|------------------------------------|-------------------------------------------|-----------|---------------------------------|------------------------|--------------|----------|
|                               |        |                              |                                 |                          | 1,3-Butadiene                                    | 2,2,4-Trimethylpentane | Acetaldehyde | Acrolein |                                    | Hours/Day                                 | Days/Year | 1,3-Butadiene                   | 2,2,4-Trimethylpentane | Acetaldehyde | Acrolein |
| CLASS 11 EARTHMOVING          |        |                              |                                 |                          |                                                  |                        |              |          |                                    |                                           |           |                                 |                        |              |          |
| Bore / Drill Rigs             | Diesel | 2270002014                   | 1,000                           | 43%                      | 5.09E-04                                         | 2.08E-03               | 2.16E-02     | 6.16E-03 | 29                                 | 12                                        | 66        | 5.54E-03                        | 2.27E-02               | 2.36E-01     | 6.70E-02 |
| Dozers                        | Diesel | 2270002081                   | 70                              | 59%                      | 9.71E-05                                         | 4.28E-04               | 5.53E-03     | 9.84E-04 | 6                                  | 12                                        | 66        | 2.10E-05                        | 9.26E-05               | 1.20E-03     | 2.13E-04 |
| Excavators                    | Diesel | 2270002077                   | 97                              | 59%                      | 1.65E-05                                         | 7.55E-05               | 9.78E-04     | 1.71E-04 | 26                                 | 12                                        | 66        | 2.14E-05                        | 9.80E-05               | 1.27E-03     | 2.22E-04 |
| Excavators                    | Diesel | 2270002077                   | 138                             | 59%                      | 1.58E-05                                         | 7.59E-05               | 9.69E-04     | 1.66E-04 | 24                                 | 12                                        | 66        | 2.69E-05                        | 1.29E-04               | 1.65E-03     | 2.84E-04 |
| Excavators                    | Diesel | 2270002077                   | 204                             | 59%                      | 1.09E-05                                         | 7.00E-05               | 8.32E-04     | 1.29E-04 | 6                                  | 12                                        | 66        | 6.87E-06                        | 4.41E-05               | 5.25E-04     | 8.12E-05 |
| Excavators                    | Diesel | 2270002077                   | 207                             | 59%                      | 1.09E-05                                         | 7.00E-05               | 8.32E-04     | 1.29E-04 | 6                                  | 12                                        | 66        | 6.97E-06                        | 4.48E-05               | 5.32E-04     | 8.24E-05 |
| Excavators                    | Diesel | 2270002077                   | 393                             | 59%                      | 2.49E-05                                         | 1.27E-04               | 1.60E-03     | 2.68E-04 | 6                                  | 12                                        | 66        | 3.02E-05                        | 1.55E-04               | 1.94E-03     | 3.25E-04 |
| Excavators                    | Diesel | 2270002077                   | 476                             | 59%                      | 2.49E-05                                         | 1.27E-04               | 1.60E-03     | 2.68E-04 | 6                                  | 12                                        | 66        | 3.66E-05                        | 1.87E-04               | 2.35E-03     | 3.94E-04 |
| Graders                       | Diesel | 2270002078                   | 69                              | 59%                      | 9.64E-05                                         | 4.25E-04               | 5.50E-03     | 9.78E-04 | 11                                 | 12                                        | 66        | 3.77E-05                        | 1.66E-04               | 2.15E-03     | 3.82E-04 |
| Graders                       | Diesel | 2270002078                   | 74                              | 59%                      | 9.64E-05                                         | 4.25E-04               | 5.50E-03     | 9.78E-04 | 12                                 | 12                                        | 66        | 4.41E-05                        | 1.94E-04               | 2.51E-03     | 4.47E-04 |
| Graders                       | Diesel | 2270002078                   | 80                              | 59%                      | 2.06E-05                                         | 9.26E-05               | 1.21E-03     | 2.12E-04 | 12                                 | 12                                        | 66        | 1.02E-05                        | 4.58E-05               | 5.96E-04     | 1.05E-04 |
| Graders                       | Diesel | 2270002078                   | 100                             | 59%                      | 2.06E-05                                         | 9.26E-05               | 1.21E-03     | 2.12E-04 | 6                                  | 12                                        | 66        | 6.36E-06                        | 2.86E-05               | 3.72E-04     | 6.54E-05 |
| Graders                       | Diesel | 2270002078                   | 145                             | 59%                      | 1.93E-05                                         | 9.05E-05               | 1.16E-03     | 2.01E-04 | 19                                 | 12                                        | 66        | 2.74E-05                        | 1.28E-04               | 1.65E-03     | 2.86E-04 |
| Skid Steer loader             | Diesel | 2270002022                   | 58                              | 21%                      | 1.68E-03                                         | 6.94E-03               | 7.62E-02     | 1.98E-02 | 11                                 | 12                                        | 66        | 1.97E-04                        | 8.12E-04               | 8.91E-03     | 2.31E-03 |
| Tampers / Rammers             | Diesel | 2270002007                   | 3                               | 43%                      | 1.55E-03                                         | 6.52E-03               | 8.61E-02     | 1.56E-02 | 24                                 | 12                                        | 66        | 4.19E-05                        | 1.76E-04               | 2.33E-03     | 4.22E-04 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 48                              | 21%                      | 1.92E-04                                         | 8.27E-04               | 1.08E-02     | 1.94E-03 | 6                                  | 12                                        | 66        | 1.01E-05                        | 4.37E-05               | 5.73E-04     | 1.02E-04 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 90                              | 21%                      | 6.76E-04                                         | 2.78E-03               | 3.12E-02     | 7.60E-03 | 6                                  | 12                                        | 66        | 6.69E-05                        | 2.75E-04               | 3.09E-03     | 7.53E-04 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 157                             | 21%                      | 4.92E-04                                         | 2.04E-03               | 2.40E-02     | 5.42E-03 | 7                                  | 12                                        | 66        | 9.91E-05                        | 4.11E-04               | 4.85E-03     | 1.09E-03 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 160                             | 21%                      | 4.92E-04                                         | 2.04E-03               | 2.40E-02     | 5.42E-03 | 36                                 | 12                                        | 66        | 5.19E-04                        | 2.15E-03               | 2.54E-02     | 5.72E-03 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 230                             | 21%                      | 4.20E-04                                         | 1.75E-03               | 2.05E-02     | 4.57E-03 | 12                                 | 12                                        | 66        | 2.13E-04                        | 8.85E-04               | 1.04E-02     | 2.31E-03 |
| CLASS 14 CRANES               |        |                              |                                 |                          |                                                  |                        |              |          |                                    |                                           |           |                                 |                        |              |          |
| Cranes                        | Diesel | 2270002017                   | 155                             | 43%                      | 3.98E-05                                         | 1.76E-04               | 2.29E-03     | 4.06E-04 | 22                                 | 12                                        | 66        | 5.10E-05                        | 2.25E-04               | 2.93E-03     | 5.19E-04 |
| Cranes                        | Diesel | 2270002017                   | 285                             | 43%                      | 2.74E-05                                         | 1.38E-04               | 1.73E-03     | 2.92E-04 | 6                                  | 12                                        | 66        | 1.76E-05                        | 8.84E-05               | 1.11E-03     | 1.87E-04 |
| Cranes                        | Diesel | 2270002017                   | 340                             | 43%                      | 6.87E-05                                         | 3.05E-04               | 3.79E-03     | 7.09E-04 | 7                                  | 12                                        | 66        | 6.14E-05                        | 2.73E-04               | 3.39E-03     | 6.34E-04 |
| Cranes                        | Diesel | 2270002017                   | 400                             | 43%                      | 6.87E-05                                         | 3.05E-04               | 3.79E-03     | 7.09E-04 | 12                                 | 12                                        | 66        | 1.24E-04                        | 5.50E-04               | 6.83E-03     | 1.28E-03 |
| Cranes                        | Diesel | 2270002017                   | 450                             | 43%                      | 6.87E-05                                         | 3.05E-04               | 3.79E-03     | 7.09E-04 | 97                                 | 12                                        | 66        | 1.13E-03                        | 5.00E-03               | 6.21E-02     | 1.16E-02 |
| Cranes                        | Diesel | 2270002017                   | 500                             | 43%                      | 6.87E-05                                         | 3.05E-04               | 3.79E-03     | 7.09E-04 | 6                                  | 12                                        | 66        | 7.74E-05                        | 3.44E-04               | 4.27E-03     | 7.99E-04 |
| Cranes                        | Diesel | 2270002017                   | 510                             | 43%                      | 6.87E-05                                         | 3.05E-04               | 3.79E-03     | 7.09E-04 | 14                                 | 12                                        | 66        | 1.84E-04                        | 8.18E-04               | 1.02E-02     | 1.90E-03 |
| Cranes                        | Diesel | 2270002017                   | 550                             | 43%                      | 6.87E-05                                         | 3.05E-04               | 3.79E-03     | 7.09E-04 | 57                                 | 12                                        | 66        | 8.09E-04                        | 3.59E-03               | 4.46E-02     | 8.34E-03 |
| CLASS 15 FORKLIFT             |        |                              |                                 |                          |                                                  |                        |              |          |                                    |                                           |           |                                 |                        |              |          |
| Aerial Lifts                  | Diesel | 2270003025                   | 49                              | 21%                      | 1.35E-03                                         | 5.72E-03               | 6.05E-02     | 1.82E-02 | 6                                  | 12                                        | 66        | 7.26E-05                        | 3.08E-04               | 3.26E-03     | 9.80E-04 |
| Aerial Lifts                  | Diesel | 2270003025                   | 51                              | 21%                      | 1.08E-03                                         | 4.42E-03               | 4.95E-02     | 1.20E-02 | 17                                 | 12                                        | 66        | 1.72E-04                        | 7.03E-04               | 7.86E-03     | 1.91E-03 |
| Aerial Lifts                  | Diesel | 2270003025                   | 74                              | 21%                      | 1.08E-03                                         | 4.42E-03               | 4.95E-02     | 1.20E-02 | 6                                  | 12                                        | 66        | 8.79E-05                        | 3.60E-04               | 4.03E-03     | 9.78E-04 |
| Forklifts                     | Diesel | 2270003026                   | 7                               | 59%                      | 6.56E-04                                         | 2.76E-03               | 3.67E-02     | 6.60E-03 | 6                                  | 12                                        | 66        | 1.42E-05                        | 5.98E-05               | 7.94E-04     | 1.43E-04 |
| Forklifts                     | Diesel | 2270003026                   | 74                              | 59%                      | 8.94E-05                                         | 3.96E-04               | 5.11E-03     | 9.08E-04 | 36                                 | 12                                        | 66        | 1.23E-04                        | 5.43E-04               | 7.01E-03     | 1.25E-03 |
| Forklifts                     | Diesel | 2270003026                   | 80                              | 59%                      | 1.14E-05                                         | 5.41E-05               | 6.94E-04     | 1.19E-04 | 6                                  | 12                                        | 66        | 2.82E-06                        | 1.34E-05               | 1.72E-04     | 2.95E-05 |
| Forklifts                     | Diesel | 2270003026                   | 99                              | 59%                      | 1.14E-05                                         | 5.41E-05               | 6.94E-04     | 1.19E-04 | 6                                  | 12                                        | 66        | 3.48E-06                        | 1.66E-05               | 2.12E-04     | 3.65E-05 |
| CLASS 16 CONCRETE / AGGREGATE |        |                              |                                 |                          |                                                  |                        |              |          |                                    |                                           |           |                                 |                        |              |          |
| Pumps                         | Diesel | 2270006065                   | 58                              | 43%                      | 5.08E-04                                         | 2.12E-03               | 2.33E-02     | 6.13E-03 | 11                                 | 12                                        | 66        | 1.22E-04                        | 5.08E-04               | 5.58E-03     | 1.47E-03 |
| Concrete / Industrial Saws    | Diesel | 2270002015                   | 11                              | 59%                      | 1.56E-03                                         | 6.56E-03               | 8.71E-02     | 1.57E-02 | 6                                  | 12                                        | 66        | 5.30E-05                        | 2.23E-04               | 2.96E-03     | 5.32E-04 |

**Table 9.B.1.3 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2026 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions**  
**(Continued)**

| Equipment Type                                                                                                                                                      | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup> (hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup> (g/hp-hr) |                        |              |          | No. of Equipment/D ay <sup>3</sup> | Equipment Operating Duration <sup>3</sup> |           | Pollutant Emissions (tons/year) |                        |              |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------|---------------------------------|--------------------------|--------------------------------------------------|------------------------|--------------|----------|------------------------------------|-------------------------------------------|-----------|---------------------------------|------------------------|--------------|----------|
|                                                                                                                                                                     |        |                              |                                 |                          | 1,3-Butadiene                                    | 2,2,4-Trimethylpentane | Acetaldehyde | Acrolein |                                    | Hours/Day                                 | Days/Year | 1,3-Butadiene                   | 2,2,4-Trimethylpentane | Acetaldehyde | Acrolein |
| CLASS 17 AIR COMPRESSORS                                                                                                                                            |        |                              |                                 |                          |                                                  |                        |              |          |                                    |                                           |           |                                 |                        |              |          |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 5                               | 43%                      | 1.56E-03                                         | 6.56E-03               | 8.71E-02     | 1.57E-02 | 7                                  | 12                                        | 66        | 2.05E-05                        | 8.61E-05               | 1.14E-03     | 2.06E-04 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 13                              | 43%                      | 6.54E-04                                         | 2.75E-03               | 3.66E-02     | 6.58E-03 | 6                                  | 12                                        | 66        | 1.92E-05                        | 8.06E-05               | 1.07E-03     | 1.93E-04 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 35                              | 43%                      | 1.70E-04                                         | 7.35E-04               | 9.62E-03     | 1.72E-03 | 6                                  | 12                                        | 66        | 1.34E-05                        | 5.80E-05               | 7.59E-04     | 1.36E-04 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 49                              | 43%                      | 1.70E-04                                         | 7.35E-04               | 9.62E-03     | 1.72E-03 | 7                                  | 12                                        | 66        | 2.19E-05                        | 9.47E-05               | 1.24E-03     | 2.21E-04 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 75                              | 43%                      | 8.32E-05                                         | 3.50E-04               | 4.51E-03     | 8.20E-04 | 6                                  | 12                                        | 66        | 1.40E-05                        | 5.92E-05               | 7.61E-04     | 1.39E-04 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 130                             | 43%                      | 7.13E-05                                         | 3.06E-04               | 3.99E-03     | 7.16E-04 | 6                                  | 12                                        | 66        | 2.09E-05                        | 8.97E-05               | 1.17E-03     | 2.10E-04 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 300                             | 43%                      | 1.33E-04                                         | 5.70E-04               | 6.69E-03     | 1.51E-03 | 49                                 | 12                                        | 66        | 7.32E-04                        | 3.14E-03               | 3.69E-02     | 8.33E-03 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 475                             | 43%                      | 1.33E-04                                         | 5.70E-04               | 6.69E-03     | 1.51E-03 | 6                                  | 12                                        | 66        | 1.42E-04                        | 6.09E-04               | 7.16E-03     | 1.62E-03 |
| CLASS 55,56 SMALL CAPITAL EQUIPMENT                                                                                                                                 |        |                              |                                 |                          |                                                  |                        |              |          |                                    |                                           |           |                                 |                        |              |          |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 14                              | 43%                      | 8.25E-04                                         | 3.48E-03               | 4.36E-02     | 9.07E-03 | 26                                 | 12                                        | 66        | 1.13E-04                        | 4.75E-04               | 5.96E-03     | 1.24E-03 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 20                              | 43%                      | 8.25E-04                                         | 3.48E-03               | 4.36E-02     | 9.07E-03 | 66                                 | 12                                        | 66        | 4.09E-04                        | 1.72E-03               | 2.16E-02     | 4.50E-03 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 36                              | 43%                      | 3.92E-04                                         | 1.67E-03               | 2.02E-02     | 4.57E-03 | 7                                  | 12                                        | 66        | 3.71E-05                        | 1.58E-04               | 1.91E-03     | 4.32E-04 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 100                             | 43%                      | 3.47E-04                                         | 1.44E-03               | 1.61E-02     | 4.11E-03 | 12                                 | 12                                        | 66        | 1.56E-04                        | 6.50E-04               | 7.24E-03     | 1.85E-03 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 270                             | 43%                      | 3.12E-04                                         | 1.30E-03               | 1.45E-02     | 3.63E-03 | 7                                  | 12                                        | 66        | 2.21E-04                        | 9.23E-04               | 1.03E-02     | 2.58E-03 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 2,346                           | 43%                      | 2.35E-04                                         | 9.98E-04               | 1.10E-02     | 2.93E-03 | 6                                  | 12                                        | 66        | 1.24E-03                        | 5.27E-03               | 5.80E-02     | 1.55E-02 |
| OTHER EQUIPMENT                                                                                                                                                     |        |                              |                                 |                          |                                                  |                        |              |          |                                    |                                           |           |                                 |                        |              |          |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 10                              | 43%                      | 1.56E-03                                         | 6.56E-03               | 8.71E-02     | 1.57E-02 | 6                                  | 12                                        | 66        | 3.51E-05                        | 1.48E-04               | 1.96E-03     | 3.53E-04 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 20                              | 43%                      | 6.54E-04                                         | 2.75E-03               | 3.65E-02     | 6.57E-03 | 42                                 | 12                                        | 66        | 2.06E-04                        | 8.68E-04               | 1.15E-02     | 2.07E-03 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 22                              | 43%                      | 6.54E-04                                         | 2.75E-03               | 3.65E-02     | 6.57E-03 | 6                                  | 12                                        | 66        | 3.24E-05                        | 1.36E-04               | 1.81E-03     | 3.26E-04 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 85                              | 43%                      | 5.90E-05                                         | 2.51E-04               | 3.22E-03     | 5.84E-04 | 6                                  | 12                                        | 66        | 1.13E-05                        | 4.80E-05               | 6.17E-04     | 1.12E-04 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 265                             | 43%                      | 4.59E-05                                         | 2.14E-04               | 2.73E-03     | 4.75E-04 | 6                                  | 12                                        | 66        | 2.74E-05                        | 1.28E-04               | 1.63E-03     | 2.84E-04 |
| Welders                                                                                                                                                             | Diesel | 2270006068                   | 58                              | 21%                      | 1.07E-03                                         | 4.43E-03               | 4.78E-02     | 1.30E-02 | 17                                 | 12                                        | 66        | 1.93E-04                        | 8.01E-04               | 8.65E-03     | 2.36E-03 |
| 30" Double booster <sup>5,6</sup>                                                                                                                                   | Diesel | -                            | 7,420                           | 66%                      | -                                                | -                      | 8.00E-05     | 2.50E-05 | 0                                  | 12                                        | 66        | 0.00E+00                        | 0.00E+00               | 0.00E+00     | 0.00E+00 |
| 30" Cutter suction dredge <sup>5,6</sup>                                                                                                                            | Diesel | -                            | 17,619                          | 66%                      | -                                                | -                      | 8.00E-05     | 2.50E-05 | 0                                  | 12                                        | 66        | 0.00E+00                        | 0.00E+00               | 0.00E+00     | 0.00E+00 |
| Mechanical Bucket Dredger <sup>5,6</sup>                                                                                                                            | Diesel | -                            | 535                             | 66%                      | 1.24E-04                                         | -                      | 2.44E-03     | 2.94E-04 | 0                                  | 12                                        | 66        | 0.00E+00                        | 0.00E+00               | 0.00E+00     | 0.00E+00 |
| Spud barge <sup>5,6</sup>                                                                                                                                           | Diesel | -                            | 300                             | 43%                      | 1.24E-04                                         | -                      | 2.44E-03     | 2.94E-04 | 0                                  | 12                                        | 66        | 0.00E+00                        | 0.00E+00               | 0.00E+00     | 0.00E+00 |
| Assist tug boat <sup>5,6</sup>                                                                                                                                      | Diesel | -                            | 2,400                           | 43%                      | -                                                | -                      | 8.00E-05     | 2.50E-05 | 0                                  | 12                                        | 66        | 0.00E+00                        | 0.00E+00               | 0.00E+00     | 0.00E+00 |
| Assist tug boat <sup>5,6</sup>                                                                                                                                      | Diesel | -                            | 1,800                           | 43%                      | -                                                | -                      | 8.00E-05     | 2.50E-05 | 0                                  | 12                                        | 66        | 0.00E+00                        | 0.00E+00               | 0.00E+00     | 0.00E+00 |
| Assist tug boat <sup>5,6</sup>                                                                                                                                      | Diesel | -                            | 1,200                           | 43%                      | -                                                | -                      | 8.00E-05     | 2.50E-05 | 0                                  | 12                                        | 66        | 0.00E+00                        | 0.00E+00               | 0.00E+00     | 0.00E+00 |
| Total                                                                                                                                                               |        |                              |                                 |                          |                                                  |                        |              |          |                                    |                                           |           | 0.01                            | 0.06                   | 0.66         | 0.16     |
| 1. Based on EPA MOVES5.<br>2. EPA MOVES5 run for calendar year 2026, Cameron Parish.<br>3. Based on engineering estimates and best currently available information. |        |                              |                                 |                          |                                                  |                        |              |          |                                    |                                           |           |                                 |                        |              |          |

**Table 9.B.1.3 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2026 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions**  
**(Continued)**

| Equipment Type                | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup><br>(hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |               |              |          |             | No. of Equipment/<br>Day <sup>3</sup> | Equipment Operating Duration <sup>3</sup> |           | Pollutant Emissions<br>(tons/year) |               |              |          |             |
|-------------------------------|--------|------------------------------|------------------------------------|--------------------------|-----------------------------------------------------|---------------|--------------|----------|-------------|---------------------------------------|-------------------------------------------|-----------|------------------------------------|---------------|--------------|----------|-------------|
|                               |        |                              |                                    |                          | Benzene                                             | Ethyl Benzene | Formaldehyde | Hexane   | Naphthalene |                                       | Hours/Day                                 | Days/Year | Benzene                            | Ethyl Benzene | Formaldehyde | Hexane   | Naphthalene |
| CLASS 11 EARTHMOVING          |        |                              |                                    |                          |                                                     |               |              |          |             |                                       |                                           |           |                                    |               |              |          |             |
| Bore / Drill Rigs             | Diesel | 2270002014                   | 1,000                              | 43%                      | 6.61E-03                                            | 1.74E-03      | 6.09E-02     | 6.34E-04 | 8.50E-04    | 29                                    | 12                                        | 66        | 7.20E-02                           | 1.89E-02      | 6.63E-01     | 6.90E-03 | 9.25E-03    |
| Dozers                        | Diesel | 2270002081                   | 70                                 | 59%                      | 2.78E-03                                            | 2.48E-04      | 1.56E-02     | 2.35E-05 | 3.04E-04    | 6                                     | 12                                        | 66        | 6.01E-04                           | 5.36E-05      | 3.38E-03     | 5.08E-06 | 6.58E-05    |
| Excavators                    | Diesel | 2270002077                   | 97                                 | 59%                      | 4.79E-04                                            | 5.44E-05      | 2.63E-03     | 1.32E-06 | 4.23E-05    | 26                                    | 12                                        | 66        | 6.23E-04                           | 7.06E-05      | 3.41E-03     | 1.71E-06 | 5.49E-05    |
| Excavators                    | Diesel | 2270002077                   | 138                                | 59%                      | 4.59E-04                                            | 6.12E-05      | 2.54E-03     | 2.07E-06 | 4.12E-05    | 24                                    | 12                                        | 66        | 7.83E-04                           | 1.04E-04      | 4.33E-03     | 3.53E-06 | 7.03E-05    |
| Excavators                    | Diesel | 2270002077                   | 204                                | 59%                      | 3.17E-04                                            | 8.82E-05      | 1.85E-03     | 4.93E-06 | 3.06E-05    | 6                                     | 12                                        | 66        | 2.00E-04                           | 5.56E-05      | 1.17E-03     | 3.11E-06 | 1.93E-05    |
| Excavators                    | Diesel | 2270002077                   | 207                                | 59%                      | 3.17E-04                                            | 8.82E-05      | 1.85E-03     | 4.93E-06 | 3.06E-05    | 6                                     | 12                                        | 66        | 2.03E-04                           | 5.64E-05      | 1.19E-03     | 3.15E-06 | 1.96E-05    |
| Excavators                    | Diesel | 2270002077                   | 393                                | 59%                      | 7.17E-04                                            | 1.18E-04      | 4.03E-03     | 5.16E-06 | 6.48E-05    | 6                                     | 12                                        | 66        | 8.71E-04                           | 1.43E-04      | 4.89E-03     | 6.27E-06 | 7.87E-05    |
| Excavators                    | Diesel | 2270002077                   | 476                                | 59%                      | 7.17E-04                                            | 1.18E-04      | 4.03E-03     | 5.16E-06 | 6.48E-05    | 6                                     | 12                                        | 66        | 1.06E-03                           | 1.73E-04      | 5.92E-03     | 7.60E-06 | 9.53E-05    |
| Graders                       | Diesel | 2270002078                   | 69                                 | 59%                      | 2.76E-03                                            | 2.46E-04      | 1.55E-02     | 2.35E-05 | 3.03E-04    | 11                                    | 12                                        | 66        | 1.08E-03                           | 9.62E-05      | 6.07E-03     | 9.18E-06 | 1.18E-04    |
| Graders                       | Diesel | 2270002078                   | 74                                 | 59%                      | 2.76E-03                                            | 2.46E-04      | 1.55E-02     | 2.35E-05 | 3.03E-04    | 12                                    | 12                                        | 66        | 1.26E-03                           | 1.13E-04      | 7.11E-03     | 1.07E-05 | 1.38E-04    |
| Graders                       | Diesel | 2270002078                   | 80                                 | 59%                      | 5.98E-04                                            | 6.37E-05      | 3.27E-03     | 1.38E-06 | 5.27E-05    | 12                                    | 12                                        | 66        | 2.96E-04                           | 3.15E-05      | 1.62E-03     | 6.81E-07 | 2.60E-05    |
| Graders                       | Diesel | 2270002078                   | 100                                | 59%                      | 5.98E-04                                            | 6.37E-05      | 3.27E-03     | 1.38E-06 | 5.27E-05    | 6                                     | 12                                        | 66        | 1.85E-04                           | 1.97E-05      | 1.01E-03     | 4.26E-07 | 1.63E-05    |
| Graders                       | Diesel | 2270002078                   | 145                                | 59%                      | 5.61E-04                                            | 6.91E-05      | 3.09E-03     | 2.08E-06 | 5.01E-05    | 19                                    | 12                                        | 66        | 7.96E-04                           | 9.80E-05      | 4.38E-03     | 2.95E-06 | 7.10E-05    |
| Skid Steer loader             | Diesel | 2270002022                   | 58                                 | 21%                      | 2.74E-02                                            | 5.44E-03      | 2.14E-01     | 1.67E-03 | 3.12E-03    | 11                                    | 12                                        | 66        | 3.20E-03                           | 6.36E-04      | 2.51E-02     | 1.96E-04 | 3.65E-04    |
| Tampers / Rammers             | Diesel | 2270002007                   | 3                                  | 43%                      | 4.44E-02                                            | 3.67E-03      | 2.42E-01     | 5.18E-05 | 3.83E-03    | 24                                    | 12                                        | 66        | 1.20E-03                           | 9.92E-05      | 6.54E-03     | 1.40E-06 | 1.04E-04    |
| Tractors / Backhoes           | Diesel | 2270002021                   | 48                                 | 21%                      | 5.55E-03                                            | 4.70E-04      | 3.05E-02     | 2.20E-05 | 5.38E-04    | 6                                     | 12                                        | 66        | 2.93E-04                           | 2.48E-05      | 1.61E-03     | 1.16E-06 | 2.84E-05    |
| Tractors / Backhoes           | Diesel | 2270002021                   | 90                                 | 21%                      | 1.17E-02                                            | 2.05E-03      | 8.77E-02     | 6.28E-04 | 1.27E-03    | 6                                     | 12                                        | 66        | 1.16E-03                           | 2.03E-04      | 8.69E-03     | 6.22E-05 | 1.26E-04    |
| Tractors / Backhoes           | Diesel | 2270002021                   | 157                                | 21%                      | 1.01E-02                                            | 1.43E-03      | 6.75E-02     | 3.32E-04 | 1.01E-03    | 7                                     | 12                                        | 66        | 2.03E-03                           | 2.88E-04      | 1.36E-02     | 6.69E-05 | 2.03E-04    |
| Tractors / Backhoes           | Diesel | 2270002021                   | 160                                | 21%                      | 1.01E-02                                            | 1.43E-03      | 6.75E-02     | 3.32E-04 | 1.01E-03    | 36                                    | 12                                        | 66        | 1.06E-02                           | 1.51E-03      | 7.12E-02     | 3.51E-04 | 1.06E-03    |
| Tractors / Backhoes           | Diesel | 2270002021                   | 230                                | 21%                      | 8.43E-03                                            | 1.23E-03      | 5.74E-02     | 3.05E-04 | 8.50E-04    | 12                                    | 12                                        | 66        | 4.27E-03                           | 6.22E-04      | 2.90E-02     | 1.54E-04 | 4.30E-04    |
| CLASS 14 CRANES               |        |                              |                                    |                          |                                                     |               |              |          |             |                                       |                                           |           |                                    |               |              |          |             |
| Cranes                        | Diesel | 2270002017                   | 155                                | 43%                      | 1.14E-03                                            | 1.16E-04      | 6.26E-03     | 3.75E-06 | 9.96E-05    | 22                                    | 12                                        | 66        | 1.46E-03                           | 1.48E-04      | 8.02E-03     | 4.80E-06 | 1.28E-04    |
| Cranes                        | Diesel | 2270002017                   | 285                                | 43%                      | 7.77E-04                                            | 1.23E-04      | 4.39E-03     | 6.32E-06 | 7.03E-05    | 6                                     | 12                                        | 66        | 4.99E-04                           | 7.92E-05      | 2.82E-03     | 4.05E-06 | 4.51E-05    |
| Cranes                        | Diesel | 2270002017                   | 340                                | 43%                      | 1.70E-03                                            | 2.21E-04      | 1.03E-02     | 2.88E-05 | 1.58E-04    | 7                                     | 12                                        | 66        | 1.52E-03                           | 1.97E-04      | 9.16E-03     | 2.57E-05 | 1.41E-04    |
| Cranes                        | Diesel | 2270002017                   | 400                                | 43%                      | 1.70E-03                                            | 2.21E-04      | 1.03E-02     | 2.88E-05 | 1.58E-04    | 12                                    | 12                                        | 66        | 3.07E-03                           | 3.97E-04      | 1.85E-02     | 5.19E-05 | 2.84E-04    |
| Cranes                        | Diesel | 2270002017                   | 450                                | 43%                      | 1.70E-03                                            | 2.21E-04      | 1.03E-02     | 2.88E-05 | 1.58E-04    | 97                                    | 12                                        | 66        | 2.79E-02                           | 3.61E-03      | 1.68E-01     | 4.72E-04 | 2.58E-03    |
| Cranes                        | Diesel | 2270002017                   | 500                                | 43%                      | 1.70E-03                                            | 2.21E-04      | 1.03E-02     | 2.88E-05 | 1.58E-04    | 6                                     | 12                                        | 66        | 1.92E-03                           | 2.48E-04      | 1.15E-02     | 3.24E-05 | 1.77E-04    |
| Cranes                        | Diesel | 2270002017                   | 510                                | 43%                      | 1.70E-03                                            | 2.21E-04      | 1.03E-02     | 2.88E-05 | 1.58E-04    | 14                                    | 12                                        | 66        | 4.57E-03                           | 5.91E-04      | 2.75E-02     | 7.72E-05 | 4.22E-04    |
| Cranes                        | Diesel | 2270002017                   | 550                                | 43%                      | 1.70E-03                                            | 2.21E-04      | 1.03E-02     | 2.88E-05 | 1.58E-04    | 57                                    | 12                                        | 66        | 2.01E-02                           | 2.60E-03      | 1.21E-01     | 3.39E-04 | 1.85E-03    |
| CLASS 15 FORKLIFT             |        |                              |                                    |                          |                                                     |               |              |          |             |                                       |                                           |           |                                    |               |              |          |             |
| Aerial Lifts                  | Diesel | 2270003025                   | 49                                 | 21%                      | 2.16E-02                                            | 5.28E-03      | 1.69E-01     | 1.25E-03 | 2.60E-03    | 6                                     | 12                                        | 66        | 1.16E-03                           | 2.85E-04      | 9.12E-03     | 6.72E-05 | 1.40E-04    |
| Aerial Lifts                  | Diesel | 2270003025                   | 51                                 | 21%                      | 1.81E-02                                            | 3.22E-03      | 1.39E-01     | 1.07E-03 | 2.03E-03    | 17                                    | 12                                        | 66        | 2.88E-03                           | 5.12E-04      | 2.21E-02     | 1.69E-04 | 3.22E-04    |
| Aerial Lifts                  | Diesel | 2270003025                   | 74                                 | 21%                      | 1.81E-02                                            | 3.22E-03      | 1.39E-01     | 1.07E-03 | 2.03E-03    | 6                                     | 12                                        | 66        | 1.48E-03                           | 2.62E-04      | 1.13E-02     | 8.67E-05 | 1.65E-04    |
| Forklifts                     | Diesel | 2270003026                   | 7                                  | 59%                      | 1.91E-02                                            | 1.54E-03      | 1.03E-01     | 0.00E+00 | 1.64E-03    | 6                                     | 12                                        | 66        | 4.13E-04                           | 3.34E-05      | 2.23E-03     | 0.00E+00 | 3.54E-05    |
| Forklifts                     | Diesel | 2270003026                   | 74                                 | 59%                      | 2.56E-03                                            | 2.30E-04      | 1.44E-02     | 2.34E-05 | 2.85E-04    | 36                                    | 12                                        | 66        | 3.51E-03                           | 3.15E-04      | 1.98E-02     | 3.22E-05 | 3.91E-04    |
| Forklifts                     | Diesel | 2270003026                   | 80                                 | 59%                      | 3.31E-04                                            | 4.28E-05      | 1.82E-03     | 1.23E-06 | 2.92E-05    | 6                                     | 12                                        | 66        | 8.19E-05                           | 1.06E-05      | 4.51E-04     | 3.04E-07 | 7.22E-06    |
| Forklifts                     | Diesel | 2270003026                   | 99                                 | 59%                      | 3.31E-04                                            | 4.28E-05      | 1.82E-03     | 1.23E-06 | 2.92E-05    | 6                                     | 12                                        | 66        | 1.01E-04                           | 1.31E-05      | 5.58E-04     | 3.76E-07 | 8.94E-06    |
| CLASS 16 CONCRETE / AGGREGATE |        |                              |                                    |                          |                                                     |               |              |          |             |                                       |                                           |           |                                    |               |              |          |             |
| Pumps                         | Diesel | 2270006065                   | 58                                 | 43%                      | 8.57E-03                                            | 1.71E-03      | 6.55E-02     | 4.81E-04 | 9.99E-04    | 11                                    | 12                                        | 66        | 2.05E-03                           | 4.09E-04      | 1.57E-02     | 1.15E-04 | 2.39E-04    |
| Concrete / Industrial Saws    | Diesel | 2270002015                   | 11                                 | 59%                      | 4.53E-02                                            | 3.67E-03      | 2.45E-01     | 0.00E+00 | 3.89E-03    | 6                                     | 12                                        | 66        | 1.54E-03                           | 1.25E-04      | 8.31E-03     | 0.00E+00 | 1.32E-04    |

**Table 9.B.1.3 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2026 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions**  
**(Continued)**

| Equipment Type                                                                                                                                                      | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup><br>(hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |               |              |          |             | No. of Equipment/<br>Day <sup>3</sup> | Equipment<br>Operating Duration <sup>3</sup> |           | Pollutant Emissions<br>(tons/year) |               |              |          |             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------|------------------------------------|--------------------------|-----------------------------------------------------|---------------|--------------|----------|-------------|---------------------------------------|----------------------------------------------|-----------|------------------------------------|---------------|--------------|----------|-------------|
|                                                                                                                                                                     |        |                              |                                    |                          | Benzene                                             | Ethyl Benzene | Formaldehyde | Hexane   | Naphthalene |                                       | Hours/Day                                    | Days/Year | Benzene                            | Ethyl Benzene | Formaldehyde | Hexane   | Naphthalene |
| CLASS 17 AIR COMPRESSORS                                                                                                                                            |        |                              |                                    |                          |                                                     |               |              |          |             |                                       |                                              |           |                                    |               |              |          |             |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 5                                  | 43%                      | 4.53E-02                                            | 3.67E-03      | 2.45E-01     | 0.00E+00 | 3.89E-03    | 7                                     | 12                                           | 66        | 5.95E-04                           | 4.82E-05      | 3.21E-03     | 0.00E+00 | 5.10E-05    |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 13                                 | 43%                      | 1.90E-02                                            | 1.54E-03      | 1.03E-01     | 0.00E+00 | 1.63E-03    | 6                                     | 12                                           | 66        | 5.57E-04                           | 4.51E-05      | 3.01E-03     | 0.00E+00 | 4.78E-05    |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 35                                 | 43%                      | 4.91E-03                                            | 4.19E-04      | 2.71E-02     | 2.22E-05 | 4.84E-04    | 6                                     | 12                                           | 66        | 3.87E-04                           | 3.30E-05      | 2.14E-03     | 1.75E-06 | 3.81E-05    |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 49                                 | 43%                      | 4.91E-03                                            | 4.19E-04      | 2.71E-02     | 2.22E-05 | 4.84E-04    | 7                                     | 12                                           | 66        | 6.32E-04                           | 5.40E-05      | 3.49E-03     | 2.86E-06 | 6.23E-05    |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 75                                 | 43%                      | 2.18E-03                                            | 2.04E-04      | 1.26E-02     | 2.26E-05 | 1.97E-04    | 6                                     | 12                                           | 66        | 3.69E-04                           | 3.45E-05      | 2.13E-03     | 3.82E-06 | 3.32E-05    |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 130                                | 43%                      | 1.99E-03                                            | 1.86E-04      | 1.11E-02     | 9.75E-06 | 1.75E-04    | 6                                     | 12                                           | 66        | 5.82E-04                           | 5.45E-05      | 3.24E-03     | 2.85E-06 | 5.14E-05    |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 300                                | 43%                      | 2.79E-03                                            | 4.38E-04      | 1.84E-02     | 8.43E-05 | 2.80E-04    | 49                                    | 12                                           | 66        | 1.54E-02                           | 2.42E-03      | 1.02E-01     | 4.65E-04 | 1.55E-03    |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 475                                | 43%                      | 2.79E-03                                            | 4.38E-04      | 1.84E-02     | 8.43E-05 | 2.80E-04    | 6                                     | 12                                           | 66        | 2.99E-03                           | 4.68E-04      | 1.97E-02     | 9.02E-05 | 3.00E-04    |
| CLASS 55,56 SMALL CAPITAL EQUIPMENT                                                                                                                                 |        |                              |                                    |                          |                                                     |               |              |          |             |                                       |                                              |           |                                    |               |              |          |             |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 14                                 | 43%                      | 2.10E-02                                            | 2.30E-03      | 1.22E-01     | 2.09E-04 | 1.92E-03    | 26                                    | 12                                           | 66        | 2.87E-03                           | 3.14E-04      | 1.67E-02     | 2.86E-05 | 2.63E-04    |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 20                                 | 43%                      | 2.10E-02                                            | 2.30E-03      | 1.22E-01     | 2.09E-04 | 1.92E-03    | 66                                    | 12                                           | 66        | 1.04E-02                           | 1.14E-03      | 6.06E-02     | 1.04E-04 | 9.53E-04    |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 36                                 | 43%                      | 9.18E-03                                            | 1.22E-03      | 5.65E-02     | 1.69E-04 | 9.27E-04    | 7                                     | 12                                           | 66        | 8.69E-04                           | 1.15E-04      | 5.35E-03     | 1.60E-05 | 8.77E-05    |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 100                                | 43%                      | 6.05E-03                                            | 1.14E-03      | 4.50E-02     | 3.08E-04 | 6.64E-04    | 12                                    | 12                                           | 66        | 2.73E-03                           | 5.13E-04      | 2.03E-02     | 1.39E-04 | 2.99E-04    |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 270                                | 43%                      | 5.42E-03                                            | 1.02E-03      | 4.05E-02     | 2.84E-04 | 5.94E-04    | 7                                     | 12                                           | 66        | 3.85E-03                           | 7.24E-04      | 2.88E-02     | 2.02E-04 | 4.21E-04    |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 2,346                              | 43%                      | 4.10E-03                                            | 8.52E-04      | 3.05E-02     | 2.04E-04 | 4.57E-04    | 6                                     | 12                                           | 66        | 2.17E-02                           | 4.50E-03      | 1.61E-01     | 1.08E-03 | 2.42E-03    |
| OTHER EQUIPMENT                                                                                                                                                     |        |                              |                                    |                          |                                                     |               |              |          |             |                                       |                                              |           |                                    |               |              |          |             |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 10                                 | 43%                      | 4.53E-02                                            | 3.67E-03      | 2.44E-01     | 0.00E+00 | 3.88E-03    | 6                                     | 12                                           | 66        | 1.02E-03                           | 8.26E-05      | 5.51E-03     | 0.00E+00 | 8.75E-05    |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 20                                 | 43%                      | 1.90E-02                                            | 1.54E-03      | 1.03E-01     | 0.00E+00 | 1.63E-03    | 42                                    | 12                                           | 66        | 6.00E-03                           | 4.85E-04      | 3.24E-02     | 0.00E+00 | 5.14E-04    |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 22                                 | 43%                      | 1.90E-02                                            | 1.54E-03      | 1.03E-01     | 0.00E+00 | 1.63E-03    | 6                                     | 12                                           | 66        | 9.42E-04                           | 7.63E-05      | 5.09E-03     | 0.00E+00 | 8.08E-05    |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 85                                 | 43%                      | 1.56E-03                                            | 1.50E-04      | 8.97E-03     | 1.56E-05 | 1.41E-04    | 6                                     | 12                                           | 66        | 2.99E-04                           | 2.87E-05      | 1.72E-03     | 2.98E-06 | 2.70E-05    |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 265                                | 43%                      | 1.29E-03                                            | 1.63E-04      | 7.26E-03     | 8.62E-06 | 1.17E-04    | 6                                     | 12                                           | 66        | 7.72E-04                           | 9.73E-05      | 4.33E-03     | 5.15E-06 | 6.95E-05    |
| Welders                                                                                                                                                             | Diesel | 2270006068                   | 58                                 | 21%                      | 1.68E-02                                            | 3.66E-03      | 1.34E-01     | 1.08E-03 | 1.99E-03    | 17                                    | 12                                           | 66        | 3.04E-03                           | 6.61E-04      | 2.43E-02     | 1.96E-04 | 3.61E-04    |
| 30" Double booster <sup>5,6</sup>                                                                                                                                   | Diesel | -                            | 7,420                              | 66%                      | 2.46E-03                                            | -             | 2.51E-04     | -        | -           | 0                                     | 12                                           | 66        | 0.00E+00                           | 0.00E+00      | 0.00E+00     | 0.00E+00 | 0.00E+00    |
| 30" Cutter suction dredge <sup>5,6</sup>                                                                                                                            | Diesel | -                            | 17,619                             | 66%                      | 2.46E-03                                            | -             | 2.51E-04     | -        | -           | 0                                     | 12                                           | 66        | 0.00E+00                           | 0.00E+00      | 0.00E+00     | 0.00E+00 | 0.00E+00    |
| Mechanical Bucket Dredger <sup>5,6</sup>                                                                                                                            | Diesel | -                            | 535                                | 66%                      | 2.96E-03                                            | -             | 3.75E-03     | -        | 2.69E-04    | 0                                     | 12                                           | 66        | 0.00E+00                           | 0.00E+00      | 0.00E+00     | 0.00E+00 | 0.00E+00    |
| Spud barge <sup>5,6</sup>                                                                                                                                           | Diesel | -                            | 300                                | 43%                      | 2.96E-03                                            | -             | 3.75E-03     | -        | 2.69E-04    | 0                                     | 12                                           | 66        | 0.00E+00                           | 0.00E+00      | 0.00E+00     | 0.00E+00 | 0.00E+00    |
| Assist tug boat <sup>5,6</sup>                                                                                                                                      | Diesel | -                            | 2,400                              | 43%                      | 2.46E-03                                            | -             | 2.51E-04     | -        | -           | 0                                     | 12                                           | 66        | 0.00E+00                           | 0.00E+00      | 0.00E+00     | 0.00E+00 | 0.00E+00    |
| Assist tug boat <sup>5,6</sup>                                                                                                                                      | Diesel | -                            | 1,800                              | 43%                      | 2.46E-03                                            | -             | 2.51E-04     | -        | -           | 0                                     | 12                                           | 66        | 0.00E+00                           | 0.00E+00      | 0.00E+00     | 0.00E+00 | 0.00E+00    |
| Assist tug boat <sup>5,6</sup>                                                                                                                                      | Diesel | -                            | 1,200                              | 43%                      | 2.46E-03                                            | -             | 2.51E-04     | -        | -           | 0                                     | 12                                           | 66        | 0.00E+00                           | 0.00E+00      | 0.00E+00     | 0.00E+00 | 0.00E+00    |
| Total                                                                                                                                                               |        |                              |                                    |                          |                                                     |               |              |          |             |                                       |                                              |           | 0.25                               | 0.05          | 1.82         | 0.01     | 0.03        |
| 1. Based on EPA MOVES5.<br>2. EPA MOVES5 run for calendar year 2026, Cameron Parish.<br>3. Based on engineering estimates and best currently available information. |        |                              |                                    |                          |                                                     |               |              |          |             |                                       |                                              |           |                                    |               |              |          |             |

**Table 9.B.1.3 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2026 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions**  
**(Continued)**

| Equipment Type                | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup><br>(hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |                 |          |          | No. of Equipment/<br>Day <sup>3</sup> | Equipment Operating Duration <sup>3</sup> |           | Pollutant Emissions<br>(tons/year) |                 |          |          |
|-------------------------------|--------|------------------------------|------------------------------------|--------------------------|-----------------------------------------------------|-----------------|----------|----------|---------------------------------------|-------------------------------------------|-----------|------------------------------------|-----------------|----------|----------|
|                               |        |                              |                                    |                          | PAH                                                 | Propionaldehyde | Toluene  | Xylenes  |                                       | Hours/Day                                 | Days/Year | PAH                                | Propionaldehyde | Toluene  | Xylenes  |
| CLASS 11 EARTHMOVING          |        |                              |                                    |                          |                                                     |                 |          |          |                                       |                                           |           |                                    |                 |          |          |
| Bore / Drill Rigs             | Diesel | 2270002014                   | 1,000                              | 43%                      | 1.09E-03                                            | 7.19E-03        | 5.18E-03 | 5.11E-03 | 29                                    | 12                                        | 66        | 1.18E-02                           | 7.83E-02        | 5.64E-02 | 5.57E-02 |
| Dozers                        | Diesel | 2270002081                   | 70                                 | 59%                      | 2.33E-04                                            | 1.12E-03        | 2.03E-03 | 7.49E-04 | 6                                     | 12                                        | 66        | 5.04E-05                           | 2.42E-04        | 4.40E-04 | 1.62E-04 |
| Excavators                    | Diesel | 2270002077                   | 97                                 | 59%                      | 4.85E-05                                            | 1.99E-04        | 3.60E-04 | 2.15E-04 | 26                                    | 12                                        | 66        | 6.30E-05                           | 2.58E-04        | 4.67E-04 | 2.80E-04 |
| Excavators                    | Diesel | 2270002077                   | 138                                | 59%                      | 4.46E-05                                            | 1.92E-04        | 3.59E-04 | 2.73E-04 | 24                                    | 12                                        | 66        | 7.61E-05                           | 3.28E-04        | 6.12E-04 | 4.65E-04 |
| Excavators                    | Diesel | 2270002077                   | 204                                | 59%                      | 2.99E-05                                            | 1.44E-04        | 3.19E-04 | 5.21E-04 | 6                                     | 12                                        | 66        | 1.88E-05                           | 9.09E-05        | 2.01E-04 | 3.29E-04 |
| Excavators                    | Diesel | 2270002077                   | 207                                | 59%                      | 2.99E-05                                            | 1.44E-04        | 3.19E-04 | 5.21E-04 | 6                                     | 12                                        | 66        | 1.91E-05                           | 9.23E-05        | 2.04E-04 | 3.33E-04 |
| Excavators                    | Diesel | 2270002077                   | 393                                | 59%                      | 6.70E-05                                            | 3.12E-04        | 5.95E-04 | 5.86E-04 | 6                                     | 12                                        | 66        | 8.14E-05                           | 3.79E-04        | 7.23E-04 | 7.12E-04 |
| Excavators                    | Diesel | 2270002077                   | 476                                | 59%                      | 6.70E-05                                            | 3.12E-04        | 5.95E-04 | 5.86E-04 | 6                                     | 12                                        | 66        | 9.86E-05                           | 4.59E-04        | 8.76E-04 | 8.62E-04 |
| Graders                       | Diesel | 2270002078                   | 69                                 | 59%                      | 2.31E-04                                            | 1.11E-03        | 2.02E-03 | 7.44E-04 | 11                                    | 12                                        | 66        | 9.04E-05                           | 4.35E-04        | 7.89E-04 | 2.91E-04 |
| Graders                       | Diesel | 2270002078                   | 74                                 | 59%                      | 2.31E-04                                            | 1.11E-03        | 2.02E-03 | 7.44E-04 | 12                                    | 12                                        | 66        | 1.06E-04                           | 5.09E-04        | 9.23E-04 | 3.41E-04 |
| Graders                       | Diesel | 2270002078                   | 80                                 | 59%                      | 6.10E-05                                            | 2.47E-04        | 4.42E-04 | 2.39E-04 | 12                                    | 12                                        | 66        | 3.02E-05                           | 1.22E-04        | 2.19E-04 | 1.18E-04 |
| Graders                       | Diesel | 2270002078                   | 100                                | 59%                      | 6.10E-05                                            | 2.47E-04        | 4.42E-04 | 2.39E-04 | 6                                     | 12                                        | 66        | 1.89E-05                           | 7.63E-05        | 1.37E-04 | 7.37E-05 |
| Graders                       | Diesel | 2270002078                   | 145                                | 59%                      | 5.45E-05                                            | 2.34E-04        | 4.30E-04 | 2.92E-04 | 19                                    | 12                                        | 66        | 7.73E-05                           | 3.32E-04        | 6.10E-04 | 4.14E-04 |
| Skid Steer loader             | Diesel | 2270002022                   | 58                                 | 21%                      | 3.77E-03                                            | 2.28E-02        | 2.06E-02 | 1.57E-02 | 11                                    | 12                                        | 66        | 4.41E-04                           | 2.67E-03        | 2.41E-03 | 1.84E-03 |
| Tampers / Rammers             | Diesel | 2270002007                   | 3                                  | 43%                      | 3.69E-03                                            | 1.85E-02        | 3.11E-02 | 9.79E-03 | 24                                    | 12                                        | 66        | 9.98E-05                           | 5.01E-04        | 8.41E-04 | 2.65E-04 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 48                                 | 21%                      | 4.61E-04                                            | 2.25E-03        | 3.96E-03 | 1.33E-03 | 6                                     | 12                                        | 66        | 2.43E-05                           | 1.19E-04        | 2.09E-04 | 7.04E-05 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 90                                 | 21%                      | 1.50E-03                                            | 9.51E-03        | 8.84E-03 | 6.11E-03 | 6                                     | 12                                        | 66        | 1.49E-04                           | 9.42E-04        | 8.75E-04 | 6.04E-04 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 157                                | 21%                      | 1.12E-03                                            | 6.55E-03        | 7.39E-03 | 4.17E-03 | 7                                     | 12                                        | 66        | 2.25E-04                           | 1.32E-03        | 1.49E-03 | 8.40E-04 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 160                                | 21%                      | 1.12E-03                                            | 6.55E-03        | 7.39E-03 | 4.17E-03 | 36                                    | 12                                        | 66        | 1.18E-03                           | 6.92E-03        | 7.81E-03 | 4.40E-03 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 230                                | 21%                      | 9.32E-04                                            | 5.79E-03        | 6.30E-03 | 3.80E-03 | 12                                    | 12                                        | 66        | 4.72E-04                           | 2.93E-03        | 3.19E-03 | 1.92E-03 |
| CLASS 14 CRANES               |        |                              |                                    |                          |                                                     |                 |          |          |                                       |                                           |           |                                    |                 |          |          |
| Cranes                        | Diesel | 2270002017                   | 155                                | 43%                      | 1.05E-04                                            | 4.88E-04        | 8.34E-04 | 4.15E-04 | 22                                    | 12                                        | 66        | 1.35E-04                           | 6.24E-04        | 1.07E-03 | 5.31E-04 |
| Cranes                        | Diesel | 2270002017                   | 285                                | 43%                      | 6.99E-05                                            | 3.49E-04        | 6.39E-04 | 6.03E-04 | 6                                     | 12                                        | 66        | 4.49E-05                           | 2.24E-04        | 4.10E-04 | 3.87E-04 |
| Cranes                        | Diesel | 2270002017                   | 340                                | 43%                      | 1.62E-04                                            | 9.33E-04        | 1.31E-03 | 8.71E-04 | 7                                     | 12                                        | 66        | 1.45E-04                           | 8.34E-04        | 1.17E-03 | 7.78E-04 |
| Cranes                        | Diesel | 2270002017                   | 400                                | 43%                      | 1.62E-04                                            | 9.33E-04        | 1.31E-03 | 8.71E-04 | 12                                    | 12                                        | 66        | 2.92E-04                           | 1.68E-03        | 2.37E-03 | 1.57E-03 |
| Cranes                        | Diesel | 2270002017                   | 450                                | 43%                      | 1.62E-04                                            | 9.33E-04        | 1.31E-03 | 8.71E-04 | 97                                    | 12                                        | 66        | 2.66E-03                           | 1.53E-02        | 2.15E-02 | 1.43E-02 |
| Cranes                        | Diesel | 2270002017                   | 500                                | 43%                      | 1.62E-04                                            | 9.33E-04        | 1.31E-03 | 8.71E-04 | 6                                     | 12                                        | 66        | 1.83E-04                           | 1.05E-03        | 1.48E-03 | 9.80E-04 |
| Cranes                        | Diesel | 2270002017                   | 510                                | 43%                      | 1.62E-04                                            | 9.33E-04        | 1.31E-03 | 8.71E-04 | 14                                    | 12                                        | 66        | 4.34E-04                           | 2.50E-03        | 3.52E-03 | 2.33E-03 |
| Cranes                        | Diesel | 2270002017                   | 550                                | 43%                      | 1.62E-04                                            | 9.33E-04        | 1.31E-03 | 8.71E-04 | 57                                    | 12                                        | 66        | 1.91E-03                           | 1.10E-02        | 1.55E-02 | 1.02E-02 |
| CLASS 15 FORKLIFT             |        |                              |                                    |                          |                                                     |                 |          |          |                                       |                                           |           |                                    |                 |          |          |
| Aerial Lifts                  | Diesel | 2270003025                   | 49                                 | 21%                      | 3.30E-03                                            | 1.41E-02        | 1.50E-02 | 1.36E-02 | 6                                     | 12                                        | 66        | 1.78E-04                           | 7.60E-04        | 8.10E-04 | 7.32E-04 |
| Aerial Lifts                  | Diesel | 2270003025                   | 51                                 | 21%                      | 2.31E-03                                            | 1.56E-02        | 1.39E-02 | 9.74E-03 | 17                                    | 12                                        | 66        | 3.67E-04                           | 2.48E-03        | 2.21E-03 | 1.55E-03 |
| Aerial Lifts                  | Diesel | 2270003025                   | 74                                 | 21%                      | 2.31E-03                                            | 1.56E-02        | 1.39E-02 | 9.74E-03 | 6                                     | 12                                        | 66        | 1.88E-04                           | 1.27E-03        | 1.13E-03 | 7.93E-04 |
| Forklifts                     | Diesel | 2270003026                   | 7                                  | 59%                      | 1.61E-03                                            | 7.76E-03        | 1.33E-02 | 4.09E-03 | 6                                     | 12                                        | 66        | 3.48E-05                           | 1.68E-04        | 2.88E-04 | 8.85E-05 |
| Forklifts                     | Diesel | 2270003026                   | 74                                 | 59%                      | 2.13E-04                                            | 1.03E-03        | 1.88E-03 | 7.01E-04 | 36                                    | 12                                        | 66        | 2.93E-04                           | 1.41E-03        | 2.58E-03 | 9.62E-04 |
| Forklifts                     | Diesel | 2270003026                   | 80                                 | 59%                      | 3.29E-05                                            | 1.39E-04        | 2.56E-04 | 1.87E-04 | 6                                     | 12                                        | 66        | 8.14E-06                           | 3.43E-05        | 6.34E-05 | 4.62E-05 |
| Forklifts                     | Diesel | 2270003026                   | 99                                 | 59%                      | 3.29E-05                                            | 1.39E-04        | 2.56E-04 | 1.87E-04 | 6                                     | 12                                        | 66        | 1.01E-05                           | 4.24E-05        | 7.85E-05 | 5.72E-05 |
| CLASS 16 CONCRETE / AGGREGATE |        |                              |                                    |                          |                                                     |                 |          |          |                                       |                                           |           |                                    |                 |          |          |
| Pumps                         | Diesel | 2270006065                   | 58                                 | 43%                      | 1.20E-03                                            | 6.47E-03        | 6.34E-03 | 4.81E-03 | 11                                    | 12                                        | 66        | 2.87E-04                           | 1.55E-03        | 1.52E-03 | 1.15E-03 |
| Concrete / Industrial Saws    | Diesel | 2270002015                   | 11                                 | 59%                      | 3.72E-03                                            | 1.84E-02        | 3.17E-02 | 9.72E-03 | 6                                     | 12                                        | 66        | 1.27E-04                           | 6.26E-04        | 1.08E-03 | 3.30E-04 |

**Table 9.B.1.3 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2026 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions**  
**(Continued)**

| Equipment Type                                                                                                                                                      | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup><br>(hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |                 |          |          | No. of Equipment/<br>Day <sup>3</sup> | Equipment Operating Duration <sup>3</sup> |           | Pollutant Emissions<br>(tons/year) |                 |          |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------|------------------------------------|--------------------------|-----------------------------------------------------|-----------------|----------|----------|---------------------------------------|-------------------------------------------|-----------|------------------------------------|-----------------|----------|----------|
|                                                                                                                                                                     |        |                              |                                    |                          | PAH                                                 | Propionaldehyde | Toluene  | Xylenes  |                                       | Hours/Day                                 | Days/Year | PAH                                | Propionaldehyde | Toluene  | Xylenes  |
| CLASS 17 AIR COMPRESSORS                                                                                                                                            |        |                              |                                    |                          |                                                     |                 |          |          |                                       |                                           |           |                                    |                 |          |          |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 5                                  | 43%                      | 3.72E-03                                            | 1.84E-02        | 3.17E-02 | 9.71E-03 | 7                                     | 12                                        | 66        | 4.89E-05                           | 2.42E-04        | 4.16E-04 | 1.28E-04 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 13                                 | 43%                      | 1.60E-03                                            | 7.74E-03        | 1.33E-02 | 4.08E-03 | 6                                     | 12                                        | 66        | 4.68E-05                           | 2.27E-04        | 3.89E-04 | 1.19E-04 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 35                                 | 43%                      | 4.03E-04                                            | 1.99E-03        | 3.52E-03 | 1.20E-03 | 6                                     | 12                                        | 66        | 3.18E-05                           | 1.57E-04        | 2.77E-04 | 9.44E-05 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 49                                 | 43%                      | 4.03E-04                                            | 1.99E-03        | 3.52E-03 | 1.20E-03 | 7                                     | 12                                        | 66        | 5.19E-05                           | 2.56E-04        | 4.53E-04 | 1.54E-04 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 75                                 | 43%                      | 2.15E-04                                            | 1.11E-03        | 1.59E-03 | 6.45E-04 | 6                                     | 12                                        | 66        | 3.63E-05                           | 1.87E-04        | 2.69E-04 | 1.09E-04 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 130                                | 43%                      | 1.82E-04                                            | 8.93E-04        | 1.44E-03 | 5.99E-04 | 6                                     | 12                                        | 66        | 5.34E-05                           | 2.61E-04        | 4.21E-04 | 1.76E-04 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 300                                | 43%                      | 3.16E-04                                            | 1.68E-03        | 2.08E-03 | 1.41E-03 | 49                                    | 12                                        | 66        | 1.74E-03                           | 9.29E-03        | 1.15E-02 | 7.80E-03 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 475                                | 43%                      | 3.16E-04                                            | 1.68E-03        | 2.08E-03 | 1.41E-03 | 6                                     | 12                                        | 66        | 3.38E-04                           | 1.80E-03        | 2.23E-03 | 1.51E-03 |
| CLASS 55,56 SMALL CAPITAL EQUIPMENT                                                                                                                                 |        |                              |                                    |                          |                                                     |                 |          |          |                                       |                                           |           |                                    |                 |          |          |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 14                                 | 43%                      | 2.02E-03                                            | 9.46E-03        | 1.47E-02 | 6.01E-03 | 26                                    | 12                                        | 66        | 2.76E-04                           | 1.29E-03        | 2.01E-03 | 8.21E-04 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 20                                 | 43%                      | 2.02E-03                                            | 9.46E-03        | 1.47E-02 | 6.01E-03 | 66                                    | 12                                        | 66        | 1.00E-03                           | 4.69E-03        | 7.27E-03 | 2.98E-03 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 36                                 | 43%                      | 9.63E-04                                            | 4.32E-03        | 6.45E-03 | 3.20E-03 | 7                                     | 12                                        | 66        | 9.11E-05                           | 4.09E-04        | 6.10E-04 | 3.03E-04 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 100                                | 43%                      | 8.03E-04                                            | 4.49E-03        | 4.47E-03 | 3.26E-03 | 12                                    | 12                                        | 66        | 3.62E-04                           | 2.02E-03        | 2.01E-03 | 1.47E-03 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 270                                | 43%                      | 7.03E-04                                            | 4.18E-03        | 4.08E-03 | 3.09E-03 | 7                                     | 12                                        | 66        | 4.99E-04                           | 2.97E-03        | 2.90E-03 | 2.19E-03 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 2,346                              | 43%                      | 5.64E-04                                            | 2.81E-03        | 3.00E-03 | 2.46E-03 | 6                                     | 12                                        | 66        | 2.98E-03                           | 1.49E-02        | 1.59E-02 | 1.30E-02 |
| OTHER EQUIPMENT                                                                                                                                                     |        |                              |                                    |                          |                                                     |                 |          |          |                                       |                                           |           |                                    |                 |          |          |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 10                                 | 43%                      | 3.72E-03                                            | 1.84E-02        | 3.16E-02 | 9.71E-03 | 6                                     | 12                                        | 66        | 8.38E-05                           | 4.15E-04        | 7.13E-04 | 2.19E-04 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 20                                 | 43%                      | 1.60E-03                                            | 7.73E-03        | 1.33E-02 | 4.08E-03 | 42                                    | 12                                        | 66        | 5.04E-04                           | 2.44E-03        | 4.19E-03 | 1.29E-03 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 22                                 | 43%                      | 1.60E-03                                            | 7.73E-03        | 1.33E-02 | 4.08E-03 | 6                                     | 12                                        | 66        | 7.91E-05                           | 3.83E-04        | 6.58E-04 | 2.02E-04 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 85                                 | 43%                      | 1.53E-04                                            | 7.81E-04        | 1.14E-03 | 4.92E-04 | 6                                     | 12                                        | 66        | 2.93E-05                           | 1.50E-04        | 2.19E-04 | 9.42E-05 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 265                                | 43%                      | 1.14E-04                                            | 5.79E-04        | 1.00E-03 | 6.96E-04 | 6                                     | 12                                        | 66        | 6.82E-05                           | 3.45E-04        | 5.97E-04 | 4.16E-04 |
| Welders                                                                                                                                                             | Diesel | 2270006068                   | 58                                 | 21%                      | 2.46E-03                                            | 1.37E-02        | 1.25E-02 | 1.03E-02 | 17                                    | 12                                        | 66        | 4.45E-04                           | 2.47E-03        | 2.26E-03 | 1.86E-03 |
| Total                                                                                                                                                               |        |                              |                                    |                          |                                                     |                 |          |          |                                       |                                           |           | 0.03                               | 0.18            | 0.19     | 0.14     |
| 1. Based on EPA MOVES5.<br>2. EPA MOVES5 run for calendar year 2026, Cameron Parish.<br>3. Based on engineering estimates and best currently available information. |        |                              |                                    |                          |                                                     |                 |          |          |                                       |                                           |           |                                    |                 |          |          |

**Table 9.B.1.3 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2026 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions**  
**(Continued)**

| Equipment Type                | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup><br>(hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |             |           |            |          | No. of<br>Equipment/<br>Day <sup>3</sup> | Equipment<br>Operating Duration <sup>3</sup> |           | Pollutant Emissions<br>(tons/year) |             |           |          |          |
|-------------------------------|--------|------------------------------|------------------------------------|--------------------------|-----------------------------------------------------|-------------|-----------|------------|----------|------------------------------------------|----------------------------------------------|-----------|------------------------------------|-------------|-----------|----------|----------|
|                               |        |                              |                                    |                          | Arsenic                                             | Chromium VI | Manganese | Mercury    | Nickel   |                                          | Hours/Day                                    | Days/Year | Arsenic                            | Chromium VI | Manganese | Mercury  | Nickel   |
| CLASS 11 EARTHMOVING          |        |                              |                                    |                          |                                                     |             |           |            |          |                                          |                                              |           |                                    |             |           |          |          |
| Bore / Drill Rigs             | Diesel | 2270002014                   | 1,000                              | 43%                      | 8.32E-07                                            | 4.02E-09    | 1.79E-06  | 1.11E-08   | 3.12E-06 | 29                                       | 12                                           | 66        | 9.06E-06                           | 4.37E-08    | 1.94E-05  | 1.20E-07 | 3.40E-05 |
| Dozers                        | Diesel | 2270002081                   | 70                                 | 59%                      | 9.34E-07                                            | 3.32E-09    | 1.21E-06  | 1.24E-08   | 2.04E-06 | 6                                        | 12                                           | 66        | 2.02E-07                           | 7.18E-10    | 2.62E-07  | 2.69E-09 | 4.42E-07 |
| Excavators                    | Diesel | 2270002077                   | 97                                 | 59%                      | 9.34E-07                                            | 2.87E-09    | 1.02E-06  | 1.2418E-08 | 1.71E-06 | 26                                       | 12                                           | 66        | 1.21E-06                           | 3.73E-09    | 1.32E-06  | 1.61E-08 | 2.22E-06 |
| Excavators                    | Diesel | 2270002077                   | 138                                | 59%                      | 8.41E-07                                            | 3.28E-09    | 1.40E-06  | 1.1182E-08 | 2.44E-06 | 24                                       | 12                                           | 66        | 1.44E-06                           | 5.60E-09    | 2.39E-06  | 1.91E-08 | 4.17E-06 |
| Excavators                    | Diesel | 2270002077                   | 204                                | 59%                      | 8.41E-07                                            | 2.17E-09    | 8.52E-07  | 1.1182E-08 | 1.48E-06 | 6                                        | 12                                           | 66        | 5.30E-07                           | 1.37E-09    | 5.37E-07  | 7.05E-09 | 9.30E-07 |
| Excavators                    | Diesel | 2270002077                   | 207                                | 59%                      | 8.41E-07                                            | 2.17E-09    | 8.52E-07  | 1.1182E-08 | 1.48E-06 | 6                                        | 12                                           | 66        | 5.38E-07                           | 1.39E-09    | 5.45E-07  | 7.15E-09 | 9.44E-07 |
| Excavators                    | Diesel | 2270002077                   | 393                                | 59%                      | 8.41E-07                                            | 2.28E-09    | 9.05E-07  | 1.1182E-08 | 1.57E-06 | 6                                        | 12                                           | 66        | 1.02E-06                           | 2.77E-09    | 1.10E-06  | 1.36E-08 | 1.90E-06 |
| Excavators                    | Diesel | 2270002077                   | 476                                | 59%                      | 8.41E-07                                            | 2.28E-09    | 9.05E-07  | 1.1182E-08 | 1.57E-06 | 6                                        | 12                                           | 66        | 1.24E-06                           | 3.35E-09    | 1.33E-06  | 1.65E-08 | 2.31E-06 |
| Graders                       | Diesel | 2270002078                   | 69                                 | 59%                      | 9.34E-07                                            | 3.32E-09    | 1.21E-06  | 1.2418E-08 | 2.04E-06 | 11                                       | 12                                           | 66        | 3.65E-07                           | 1.30E-09    | 4.74E-07  | 4.85E-09 | 7.98E-07 |
| Graders                       | Diesel | 2270002078                   | 74                                 | 59%                      | 9.34E-07                                            | 3.32E-09    | 1.21E-06  | 1.2418E-08 | 2.04E-06 | 12                                       | 12                                           | 66        | 4.27E-07                           | 1.52E-09    | 5.55E-07  | 5.68E-09 | 9.34E-07 |
| Graders                       | Diesel | 2270002078                   | 80                                 | 59%                      | 9.34E-07                                            | 2.89E-09    | 1.03E-06  | 1.2418E-08 | 1.73E-06 | 12                                       | 12                                           | 66        | 4.62E-07                           | 1.43E-09    | 5.10E-07  | 6.14E-09 | 8.57E-07 |
| Graders                       | Diesel | 2270002078                   | 100                                | 59%                      | 9.34E-07                                            | 2.89E-09    | 1.03E-06  | 1.2418E-08 | 1.73E-06 | 6                                        | 12                                           | 66        | 2.89E-07                           | 8.94E-10    | 3.19E-07  | 3.84E-09 | 5.36E-07 |
| Graders                       | Diesel | 2270002078                   | 145                                | 59%                      | 8.41E-07                                            | 3.28E-09    | 1.40E-06  | 1.1182E-08 | 2.44E-06 | 19                                       | 12                                           | 66        | 1.19E-06                           | 4.66E-09    | 1.99E-06  | 1.59E-08 | 3.46E-06 |
| Skid Steer loader             | Diesel | 2270002022                   | 58                                 | 21%                      | 1.09E-06                                            | 4.70E-09    | 1.96E-06  | 1.4498E-08 | 3.40E-06 | 11                                       | 12                                           | 66        | 1.28E-07                           | 5.50E-10    | 2.30E-07  | 1.70E-09 | 3.97E-07 |
| Tampers / Rammers             | Diesel | 2270002007                   | 3                                  | 43%                      | 9.25E-07                                            | 4.47E-09    | 1.99E-06  | 1.2297E-08 | 3.48E-06 | 24                                       | 12                                           | 66        | 2.50E-08                           | 1.21E-10    | 5.37E-08  | 3.32E-10 | 9.40E-08 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 48                                 | 21%                      | 1.09E-06                                            | 3.96E-09    | 1.47E-06  | 1.4498E-08 | 2.49E-06 | 6                                        | 12                                           | 66        | 5.76E-08                           | 2.09E-10    | 7.79E-08  | 7.65E-10 | 1.32E-07 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 90                                 | 21%                      | 1.09E-06                                            | 3.84E-09    | 1.48E-06  | 1.4498E-08 | 2.53E-06 | 6                                        | 12                                           | 66        | 1.08E-07                           | 3.80E-10    | 1.47E-07  | 1.44E-09 | 2.51E-07 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 157                                | 21%                      | 9.82E-07                                            | 4.07E-09    | 1.76E-06  | 1.3051E-08 | 3.08E-06 | 7                                        | 12                                           | 66        | 1.98E-07                           | 8.20E-10    | 3.55E-07  | 2.63E-09 | 6.20E-07 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 160                                | 21%                      | 9.82E-07                                            | 4.07E-09    | 1.76E-06  | 1.3051E-08 | 3.08E-06 | 36                                       | 12                                           | 66        | 1.04E-06                           | 4.30E-09    | 1.86E-06  | 1.38E-08 | 3.25E-06 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 230                                | 21%                      | 9.82E-07                                            | 3.10E-09    | 1.28E-06  | 1.3051E-08 | 2.22E-06 | 12                                       | 12                                           | 66        | 4.97E-07                           | 1.57E-09    | 6.47E-07  | 6.60E-09 | 1.12E-06 |
| CLASS 14 CRANES               |        |                              |                                    |                          |                                                     |             |           |            |          |                                          |                                              |           |                                    |             |           |          |          |
| Cranes                        | Diesel | 2270002017                   | 155                                | 43%                      | 8.32E-07                                            | 3.31E-09    | 1.42E-06  | 1.1062E-08 | 2.48E-06 | 22                                       | 12                                           | 66        | 1.07E-06                           | 4.24E-09    | 1.82E-06  | 1.42E-08 | 3.18E-06 |
| Cranes                        | Diesel | 2270002017                   | 285                                | 43%                      | 8.32E-07                                            | 2.25E-09    | 8.96E-07  | 1.1062E-08 | 1.55E-06 | 6                                        | 12                                           | 66        | 5.34E-07                           | 1.45E-09    | 5.75E-07  | 7.10E-09 | 9.97E-07 |
| Cranes                        | Diesel | 2270002017                   | 340                                | 43%                      | 8.32E-07                                            | 2.42E-09    | 9.81E-07  | 1.1062E-08 | 1.70E-06 | 7                                        | 12                                           | 66        | 7.44E-07                           | 2.16E-09    | 8.76E-07  | 9.88E-09 | 1.52E-06 |
| Cranes                        | Diesel | 2270002017                   | 400                                | 43%                      | 8.32E-07                                            | 2.42E-09    | 9.81E-07  | 1.1062E-08 | 1.70E-06 | 12                                       | 12                                           | 66        | 1.50E-06                           | 4.36E-09    | 1.77E-06  | 1.99E-08 | 3.07E-06 |
| Cranes                        | Diesel | 2270002017                   | 450                                | 43%                      | 8.32E-07                                            | 2.42E-09    | 9.81E-07  | 1.1062E-08 | 1.70E-06 | 97                                       | 12                                           | 66        | 1.36E-05                           | 3.97E-08    | 1.61E-05  | 1.81E-07 | 2.79E-05 |
| Cranes                        | Diesel | 2270002017                   | 500                                | 43%                      | 8.32E-07                                            | 2.42E-09    | 9.81E-07  | 1.1062E-08 | 1.70E-06 | 6                                        | 12                                           | 66        | 9.37E-07                           | 2.73E-09    | 1.10E-06  | 1.25E-08 | 1.92E-06 |
| Cranes                        | Diesel | 2270002017                   | 510                                | 43%                      | 8.32E-07                                            | 2.42E-09    | 9.81E-07  | 1.1062E-08 | 1.70E-06 | 14                                       | 12                                           | 66        | 2.23E-06                           | 6.49E-09    | 2.63E-06  | 2.96E-08 | 4.56E-06 |
| Cranes                        | Diesel | 2270002017                   | 550                                | 43%                      | 8.32E-07                                            | 2.42E-09    | 9.81E-07  | 1.1062E-08 | 1.70E-06 | 57                                       | 12                                           | 66        | 9.79E-06                           | 2.85E-08    | 1.15E-05  | 1.30E-07 | 2.00E-05 |
| CLASS 15 FORKLIFT             |        |                              |                                    |                          |                                                     |             |           |            |          |                                          |                                              |           |                                    |             |           |          |          |
| Aerial Lifts                  | Diesel | 2270003025                   | 49                                 | 21%                      | 1.09E-06                                            | 4.55E-09    | 1.86E-06  | 1.4498E-08 | 3.21E-06 | 6                                        | 12                                           | 66        | 5.88E-08                           | 2.45E-10    | 1.00E-07  | 7.81E-10 | 1.73E-07 |
| Aerial Lifts                  | Diesel | 2270003025                   | 51                                 | 21%                      | 1.09E-06                                            | 4.50E-09    | 1.83E-06  | 1.4498E-08 | 3.15E-06 | 17                                       | 12                                           | 66        | 1.73E-07                           | 7.15E-10    | 2.91E-07  | 2.30E-09 | 5.00E-07 |
| Aerial Lifts                  | Diesel | 2270003025                   | 74                                 | 21%                      | 1.09E-06                                            | 4.50E-09    | 1.83E-06  | 1.4498E-08 | 3.15E-06 | 6                                        | 12                                           | 66        | 8.88E-08                           | 3.66E-10    | 1.49E-07  | 1.18E-09 | 2.56E-07 |
| Forklifts                     | Diesel | 2270003026                   | 7                                  | 59%                      | 9.34E-07                                            | 4.51E-09    | 2.01E-06  | 1.2418E-08 | 3.51E-06 | 6                                        | 12                                           | 66        | 2.02E-08                           | 9.77E-11    | 4.34E-08  | 2.69E-10 | 7.59E-08 |
| Forklifts                     | Diesel | 2270003026                   | 74                                 | 59%                      | 9.34E-07                                            | 3.32E-09    | 1.21E-06  | 1.2418E-08 | 2.05E-06 | 36                                       | 12                                           | 66        | 1.28E-06                           | 4.56E-09    | 1.67E-06  | 1.70E-08 | 2.81E-06 |
| Forklifts                     | Diesel | 2270003026                   | 80                                 | 59%                      | 9.34E-07                                            | 2.85E-09    | 1.01E-06  | 1.2418E-08 | 1.69E-06 | 6                                        | 12                                           | 66        | 2.31E-07                           | 7.04E-10    | 2.49E-07  | 3.07E-09 | 4.18E-07 |
| Forklifts                     | Diesel | 2270003026                   | 99                                 | 59%                      | 9.34E-07                                            | 2.85E-09    | 1.01E-06  | 1.2418E-08 | 1.69E-06 | 6                                        | 12                                           | 66        | 2.86E-07                           | 8.71E-10    | 3.08E-07  | 3.80E-09 | 5.17E-07 |
| CLASS 16 CONCRETE / AGGREGATE |        |                              |                                    |                          |                                                     |             |           |            |          |                                          |                                              |           |                                    |             |           |          |          |
| Pumps                         | Diesel | 2270006065                   | 58                                 | 43%                      | 9.25E-07                                            | 3.73E-09    | 1.50E-06  | 1.2297E-08 | 2.57E-06 | 11                                       | 12                                           | 66        | 2.22E-07                           | 8.94E-10    | 3.59E-07  | 2.95E-09 | 6.15E-07 |
| Concrete / Industrial Saws    | Diesel | 2270002015                   | 11                                 | 59%                      | 9.34E-07                                            | 4.51E-09    | 2.01E-06  | 1.2418E-08 | 3.51E-06 | 6                                        | 12                                           | 66        | -                                  | -           | -         | -        | -        |

**Table 9.B.1.3 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2026 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions**  
**(Continued)**

| Equipment Type                                                                                                                                                      | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup><br>(hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |             |           |            |          | No. of<br>Equipment/<br>Day <sup>3</sup> | Equipment<br>Operating Duration <sup>3</sup> |           | Pollutant Emissions<br>(tons/year) |             |           |          |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------|------------------------------------|--------------------------|-----------------------------------------------------|-------------|-----------|------------|----------|------------------------------------------|----------------------------------------------|-----------|------------------------------------|-------------|-----------|----------|----------|
|                                                                                                                                                                     |        |                              |                                    |                          | Arsenic                                             | Chromium VI | Manganese | Mercury    | Nickel   |                                          | Hours/Day                                    | Days/Year | Arsenic                            | Chromium VI | Manganese | Mercury  | Nickel   |
| CLASS 17 AIR COMPRESSORS                                                                                                                                            |        |                              |                                    |                          |                                                     |             |           |            |          |                                          |                                              |           |                                    |             |           |          |          |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 5                                  | 43%                      | 9.25E-07                                            | 4.47E-09    | 1.99E-06  | 1.2297E-08 | 3.48E-06 | 7                                        | 12                                           | 66        | 1.22E-08                           | 5.87E-11    | 2.61E-08  | 1.62E-10 | 4.57E-08 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 13                                 | 43%                      | 9.25E-07                                            | 4.47E-09    | 1.99E-06  | 1.2297E-08 | 3.48E-06 | 6                                        | 12                                           | 66        | 2.71E-08                           | 1.31E-10    | 5.82E-08  | 3.60E-10 | 1.02E-07 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 35                                 | 43%                      | 9.25E-07                                            | 3.35E-09    | 1.24E-06  | 1.2297E-08 | 2.10E-06 | 6                                        | 12                                           | 66        | 7.29E-08                           | 2.64E-10    | 9.80E-08  | 9.69E-10 | 1.66E-07 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 49                                 | 43%                      | 9.25E-07                                            | 3.35E-09    | 1.24E-06  | 1.2297E-08 | 2.10E-06 | 7                                        | 12                                           | 66        | 1.19E-07                           | 4.31E-10    | 1.60E-07  | 1.58E-09 | 2.70E-07 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 75                                 | 43%                      | 9.25E-07                                            | 3.09E-09    | 1.15E-06  | 1.2297E-08 | 1.94E-06 | 6                                        | 12                                           | 66        | 1.56E-07                           | 5.22E-10    | 1.94E-07  | 2.08E-09 | 3.28E-07 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 130                                | 43%                      | 8.32E-07                                            | 3.27E-09    | 1.38E-06  | 1.1062E-08 | 2.40E-06 | 6                                        | 12                                           | 66        | 2.44E-07                           | 9.58E-10    | 4.04E-07  | 3.24E-09 | 7.02E-07 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 300                                | 43%                      | 8.32E-07                                            | 2.68E-09    | 1.11E-06  | 1.1062E-08 | 1.93E-06 | 49                                       | 12                                           | 66        | 4.59E-06                           | 1.48E-08    | 6.12E-06  | 6.10E-08 | 1.06E-05 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 475                                | 43%                      | 8.32E-07                                            | 2.68E-09    | 1.11E-06  | 1.1062E-08 | 1.93E-06 | 6                                        | 12                                           | 66        | 8.90E-07                           | 2.86E-09    | 1.19E-06  | 1.18E-08 | 2.06E-06 |
| CLASS 55,56 SMALL CAPITAL EQUIPMENT                                                                                                                                 |        |                              |                                    |                          |                                                     |             |           |            |          |                                          |                                              |           |                                    |             |           |          |          |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 14                                 | 43%                      | 9.25E-07                                            | 4.47E-09    | 1.99E-06  | 1.2297E-08 | 3.48E-06 | 26                                       | 12                                           | 66        | 1.26E-07                           | 6.11E-10    | 2.72E-07  | 1.68E-09 | 4.75E-07 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 20                                 | 43%                      | 9.25E-07                                            | 4.47E-09    | 1.99E-06  | 1.2297E-08 | 3.48E-06 | 66                                       | 12                                           | 66        | 4.58E-07                           | 2.22E-09    | 9.85E-07  | 6.09E-09 | 1.72E-06 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 36                                 | 43%                      | 9.25E-07                                            | 3.59E-09    | 1.40E-06  | 1.2297E-08 | 2.40E-06 | 7                                        | 12                                           | 66        | 8.75E-08                           | 3.40E-10    | 1.33E-07  | 1.16E-09 | 2.27E-07 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 100                                | 43%                      | 8.32E-07                                            | 3.57E-09    | 1.55E-06  | 1.1062E-08 | 2.71E-06 | 12                                       | 12                                           | 66        | 3.75E-07                           | 1.61E-09    | 7.00E-07  | 4.98E-09 | 1.22E-06 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 270                                | 43%                      | 8.32E-07                                            | 2.90E-09    | 1.22E-06  | 1.1062E-08 | 2.13E-06 | 7                                        | 12                                           | 66        | 5.90E-07                           | 2.06E-09    | 8.67E-07  | 7.85E-09 | 1.51E-06 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 2,346                              | 43%                      | 8.32E-07                                            | 2.90E-09    | 1.22E-06  | 1.1062E-08 | 2.13E-06 | 6                                        | 12                                           | 66        | 4.40E-06                           | 1.53E-08    | 6.46E-06  | 5.85E-08 | 1.12E-05 |
| OTHER EQUIPMENT                                                                                                                                                     |        |                              |                                    |                          |                                                     |             |           |            |          |                                          |                                              |           |                                    |             |           |          |          |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 10                                 | 43%                      | 9.25E-07                                            | 4.47E-09    | 1.99E-06  | 1.2297E-08 | 3.48E-06 | 6                                        | 12                                           | 66        | 2.08E-08                           | 1.01E-10    | 4.48E-08  | 2.77E-10 | 7.83E-08 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 20                                 | 43%                      | 9.25E-07                                            | 4.47E-09    | 1.99E-06  | 1.2297E-08 | 3.48E-06 | 42                                       | 12                                           | 66        | 2.92E-07                           | 1.41E-09    | 6.27E-07  | 3.88E-09 | 1.10E-06 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 22                                 | 43%                      | 9.25E-07                                            | 4.47E-09    | 1.99E-06  | 1.2297E-08 | 3.48E-06 | 6                                        | 12                                           | 66        | 4.58E-08                           | 2.22E-10    | 9.85E-08  | 6.09E-10 | 1.72E-07 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 85                                 | 43%                      | 9.25E-07                                            | 2.96E-09    | 1.07E-06  | 1.2297E-08 | 1.81E-06 | 6                                        | 12                                           | 66        | 1.77E-07                           | 5.67E-10    | 2.05E-07  | 2.35E-09 | 3.46E-07 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 265                                | 43%                      | 8.32E-07                                            | 2.33E-09    | 9.26E-07  | 1.1062E-08 | 1.60E-06 | 6                                        | 12                                           | 66        | 4.97E-07                           | 1.39E-09    | 5.53E-07  | 6.60E-09 | 9.57E-07 |
| Welders                                                                                                                                                             | Diesel | 2270006068                   | 58                                 | 21%                      | 1.09E-06                                            | 4.40E-09    | 1.76E-06  | 1.4498E-08 | 3.03E-06 | 17                                       | 12                                           | 66        | 1.97E-07                           | 7.95E-10    | 3.19E-07  | 2.62E-09 | 5.48E-07 |
| Total                                                                                                                                                               |        |                              |                                    |                          |                                                     |             |           |            |          |                                          |                                              |           | <0.01                              | <0.01       | <0.01     | <0.01    | <0.01    |
| 1. Based on EPA MOVES5.<br>2. EPA MOVES5 run for calendar year 2026, Cameron Parish.<br>3. Based on engineering estimates and best currently available information. |        |                              |                                    |                          |                                                     |             |           |            |          |                                          |                                              |           |                                    |             |           |          |          |

**Table 9.B.1.4 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project  
2027 Non-Road Construction Equipment Exhaust Criteria Pollutant Emissions  
(Continued)**

| Equipment Type                | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup> (hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup> (g/hp-hr) |                 |                 |      |                  |                   | No. of Equipment/Day <sup>3</sup> | Equipment Operating Duration <sup>3</sup> |           | Percent Usage <sup>3</sup> | Pollutant Emissions (tons/year) |          |                 |                 |          |                  |
|-------------------------------|--------|------------------------------|---------------------------------|--------------------------|--------------------------------------------------|-----------------|-----------------|------|------------------|-------------------|-----------------------------------|-------------------------------------------|-----------|----------------------------|---------------------------------|----------|-----------------|-----------------|----------|------------------|
|                               |        |                              |                                 |                          | CO                                               | NO <sub>x</sub> | SO <sub>2</sub> | VOC  | PM <sub>10</sub> | PM <sub>2.5</sub> |                                   | Hours/Day                                 | Days/Year |                            | %                               | CO       | NO <sub>x</sub> | SO <sub>2</sub> | VOC      | PM <sub>10</sub> |
| CLASS 11 EARTHMOVING          |        |                              |                                 |                          |                                                  |                 |                 |      |                  |                   |                                   |                                           |           |                            |                                 |          |                 |                 |          |                  |
| Bore / Drill Rigs             | Diesel | 2270002014                   | 1,000                           | 43%                      | 0.83                                             | 4.63            | 1.70E-03        | 0.25 | 0.15             | 0.15              | 57                                | 12                                        | 261       | 100%                       | 6.99E+01                        | 3.92E+02 | 1.44E-01        | 2.13E+01        | 1.31E+01 | 1.27E+01         |
| Dozers                        | Diesel | 2270002081                   | 70                              | 59%                      | 0.22                                             | 2.56            | 1.58E-03        | 0.05 | 0.02             | 0.02              | 9                                 | 12                                        | 261       | 100%                       | 2.78E-01                        | 3.28E+00 | 2.02E-03        | 6.85E-02        | 2.57E-02 | 2.49E-02         |
| Excavators                    | Diesel | 2270002077                   | 97                              | 59%                      | 0.08                                             | 0.88            | 1.57E-03        | 0.01 | 0.02             | 0.02              | 24                                | 12                                        | 261       | 100%                       | 3.82E-01                        | 4.18E+00 | 7.46E-03        | 4.35E-02        | 7.87E-02 | 7.64E-02         |
| Excavators                    | Diesel | 2270002077                   | 138                             | 59%                      | 0.06                                             | 0.19            | 1.42E-03        | 0.01 | 0.01             | 0.01              | 29                                | 12                                        | 261       | 100%                       | 4.86E-01                        | 1.58E+00 | 1.16E-02        | 7.92E-02        | 1.12E-01 | 1.09E-01         |
| Excavators                    | Diesel | 2270002077                   | 204                             | 59%                      | 0.03                                             | 0.13            | 1.42E-03        | 0.01 | 0.01             | 0.01              | 8                                 | 12                                        | 261       | 100%                       | 8.66E-02                        | 4.19E-01 | 4.71E-03        | 3.52E-02        | 2.55E-02 | 2.47E-02         |
| Excavators                    | Diesel | 2270002077                   | 207                             | 59%                      | 0.03                                             | 0.13            | 1.42E-03        | 0.01 | 0.01             | 0.01              | 8                                 | 12                                        | 261       | 100%                       | 8.79E-02                        | 4.25E-01 | 4.78E-03        | 3.57E-02        | 2.58E-02 | 2.51E-02         |
| Excavators                    | Diesel | 2270002077                   | 393                             | 59%                      | 0.06                                             | 0.19            | 1.43E-03        | 0.02 | 0.01             | 0.01              | 8                                 | 12                                        | 261       | 100%                       | 4.01E-01                        | 1.20E+00 | 9.16E-03        | 9.63E-02        | 9.08E-02 | 8.81E-02         |
| Excavators                    | Diesel | 2270002077                   | 476                             | 59%                      | 0.06                                             | 0.19            | 1.43E-03        | 0.02 | 0.01             | 0.01              | 8                                 | 12                                        | 261       | 100%                       | 4.86E-01                        | 1.45E+00 | 1.11E-02        | 1.17E-01        | 1.10E-01 | 1.07E-01         |
| Graders                       | Diesel | 2270002078                   | 69                              | 59%                      | 0.21                                             | 2.56            | 1.57E-03        | 0.05 | 0.02             | 0.02              | 16                                | 12                                        | 261       | 100%                       | 4.81E-01                        | 5.75E+00 | 3.54E-03        | 1.19E-01        | 4.45E-02 | 4.32E-02         |
| Graders                       | Diesel | 2270002078                   | 74                              | 59%                      | 0.21                                             | 2.56            | 1.57E-03        | 0.05 | 0.02             | 0.02              | 19                                | 12                                        | 261       | 100%                       | 6.13E-01                        | 7.32E+00 | 4.51E-03        | 1.52E-01        | 5.67E-02 | 5.50E-02         |
| Graders                       | Diesel | 2270002078                   | 80                              | 59%                      | 0.11                                             | 0.91            | 1.58E-03        | 0.01 | 0.02             | 0.02              | 18                                | 12                                        | 261       | 100%                       | 3.25E-01                        | 2.66E+00 | 4.63E-03        | 3.21E-02        | 6.28E-02 | 6.10E-02         |
| Graders                       | Diesel | 2270002078                   | 100                             | 59%                      | 0.11                                             | 0.91            | 1.58E-03        | 0.01 | 0.02             | 0.02              | 8                                 | 12                                        | 261       | 100%                       | 1.81E-01                        | 1.48E+00 | 2.57E-03        | 1.78E-02        | 3.49E-02 | 3.39E-02         |
| Graders                       | Diesel | 2270002078                   | 145                             | 59%                      | 0.07                                             | 0.22            | 1.42E-03        | 0.01 | 0.02             | 0.02              | 28                                | 12                                        | 261       | 100%                       | 5.78E-01                        | 1.85E+00 | 1.18E-02        | 9.24E-02        | 1.36E-01 | 1.32E-01         |
| Skid Steer loader             | Diesel | 2270002022                   | 58                              | 21%                      | 4.14                                             | 4.55            | 2.22E-03        | 0.83 | 0.61             | 0.59              | 15                                | 12                                        | 261       | 100%                       | 2.61E+00                        | 2.87E+00 | 1.40E-03        | 5.21E-01        | 3.86E-01 | 3.74E-01         |
| Tampers / Rammers             | Diesel | 2270002007                   | 3                               | 43%                      | 2.54                                             | 4.21            | 2.16E-03        | 0.83 | 0.26             | 0.25              | 29                                | 12                                        | 261       | 100%                       | 3.28E-01                        | 5.44E-01 | 2.79E-04        | 1.08E-01        | 3.32E-02 | 3.22E-02         |
| Tractors / Backhoes           | Diesel | 2270002021                   | 90                              | 21%                      | 1.67                                             | 2.00            | 1.99E-03        | 0.31 | 0.25             | 0.24              | 8                                 | 12                                        | 261       | 100%                       | 8.71E-01                        | 1.05E+00 | 1.04E-03        | 1.61E-01        | 1.32E-01 | 1.28E-01         |
| Tractors / Backhoes           | Diesel | 2270002021                   | 157                             | 21%                      | 0.74                                             | 1.39            | 1.79E-03        | 0.23 | 0.15             | 0.14              | 10                                | 12                                        | 261       | 100%                       | 8.40E-01                        | 1.58E+00 | 2.04E-03        | 2.58E-01        | 1.68E-01 | 1.63E-01         |
| Tractors / Backhoes           | Diesel | 2270002021                   | 160                             | 21%                      | 0.74                                             | 1.39            | 1.79E-03        | 0.23 | 0.15             | 0.14              | 32                                | 12                                        | 261       | 100%                       | 2.74E+00                        | 5.15E+00 | 6.66E-03        | 8.40E-01        | 5.48E-01 | 5.32E-01         |
| Tractors / Backhoes           | Diesel | 2270002021                   | 230                             | 21%                      | 0.61                                             | 1.26            | 1.79E-03        | 0.20 | 0.12             | 0.12              | 19                                | 12                                        | 261       | 100%                       | 1.95E+00                        | 4.00E+00 | 5.68E-03        | 6.21E-01        | 3.84E-01 | 3.73E-01         |
| CLASS 14 CRANES               |        |                              |                                 |                          |                                                  |                 |                 |      |                  |                   |                                   |                                           |           |                            |                                 |          |                 |                 |          |                  |
| Cranes                        | Diesel | 2270002017                   | 155                             | 43%                      | 0.09                                             | 0.27            | 1.42E-03        | 0.02 | 0.02             | 0.02              | 17                                | 12                                        | 261       | 100%                       | 3.38E-01                        | 1.04E+00 | 5.55E-03        | 6.51E-02        | 8.25E-02 | 8.00E-02         |
| Cranes                        | Diesel | 2270002017                   | 450                             | 43%                      | 0.16                                             | 0.67            | 1.47E-03        | 0.04 | 0.03             | 0.03              | 62                                | 12                                        | 261       | 100%                       | 6.48E+00                        | 2.76E+01 | 6.10E-02        | 1.49E+00        | 1.11E+00 | 1.07E+00         |
| Cranes                        | Diesel | 2270002017                   | 550                             | 43%                      | 0.16                                             | 0.67            | 1.47E-03        | 0.04 | 0.03             | 0.03              | 26                                | 12                                        | 261       | 100%                       | 3.32E+00                        | 1.41E+01 | 3.13E-02        | 7.65E-01        | 5.67E-01 | 5.50E-01         |
| CLASS 15 FORKLIFT             |        |                              |                                 |                          |                                                  |                 |                 |      |                  |                   |                                   |                                           |           |                            |                                 |          |                 |                 |          |                  |
| Forklifts                     | Diesel | 2270003026                   | 74                              | 59%                      | 0.19                                             | 2.55            | 1.57E-03        | 0.05 | 0.02             | 0.02              | 15                                | 12                                        | 261       | 100%                       | 4.27E-01                        | 5.75E+00 | 3.55E-03        | 1.14E-01        | 3.95E-02 | 3.83E-02         |
| CLASS 16 CONCRETE / AGGREGATE |        |                              |                                 |                          |                                                  |                 |                 |      |                  |                   |                                   |                                           |           |                            |                                 |          |                 |                 |          |                  |
| Pumps                         | Diesel | 2270006065                   | 58                              | 43%                      | 1.09                                             | 3.53            | 1.77E-03        | 0.25 | 0.20             | 0.19              | 15                                | 12                                        | 261       | 100%                       | 1.41E+00                        | 4.56E+00 | 2.28E-03        | 3.21E-01        | 2.56E-01 | 2.48E-01         |
| Concrete / Industrial Saws    | Diesel | 2270002015                   | 11                              | 59%                      | 2.46                                             | 4.18            | 2.18E-03        | 0.84 | 0.24             | 0.23              | 8                                 | 12                                        | 261       | 100%                       | -                               | -        | -               | -               | -        | -                |

**Table 9.B.1.4 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2027 Non-Road Construction Equipment Exhaust Criteria Pollutant Emissions**  
**(Continued)**

| Equipment Type                                                                                                                                                      | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>2</sup> (hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup> (g/hp-hr) |                 |                 |      |                  |                   | No. of Equipment/Day <sup>3</sup> | Equipment Operating Duration <sup>3</sup> |           | Percent Usage <sup>3</sup> | Pollutant Emissions (tons/year) |                 |                 |              |                  |                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------|---------------------------------|--------------------------|--------------------------------------------------|-----------------|-----------------|------|------------------|-------------------|-----------------------------------|-------------------------------------------|-----------|----------------------------|---------------------------------|-----------------|-----------------|--------------|------------------|-------------------|
|                                                                                                                                                                     |        |                              |                                 |                          | CO                                               | NO <sub>x</sub> | SO <sub>2</sub> | VOC  | PM <sub>10</sub> | PM <sub>2.5</sub> |                                   | Hours/Day                                 | Days/Year |                            | CO                              | NO <sub>x</sub> | SO <sub>2</sub> | VOC          | PM <sub>10</sub> | PM <sub>2.5</sub> |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 5                               | 43%                      | 2.46                                             | 4.18            | 2.16E-03        | 0.84 | 0.24             | 0.23              | 9                                 | 12                                        | 261       | 100%                       | 1.64E-01                        | 2.79E-01        | 1.44E-04        | 5.60E-02     | 1.59E-02         | 1.54E-02          |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 13                              | 43%                      | 1.49                                             | 3.76            | 2.17E-03        | 0.35 | 0.17             | 0.16              | 8                                 | 12                                        | 261       | 100%                       | 2.30E-01                        | 5.81E-01        | 3.35E-04        | 5.43E-02     | 2.63E-02         | 2.55E-02          |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 35                              | 43%                      | 0.28                                             | 2.53            | 1.56E-03        | 0.09 | 0.02             | 0.02              | 8                                 | 12                                        | 261       | 100%                       | 1.17E-01                        | 1.05E+00        | 6.46E-04        | 3.86E-02     | 8.81E-03         | 8.55E-03          |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 49                              | 43%                      | 0.28                                             | 2.53            | 1.56E-03        | 0.09 | 0.02             | 0.02              | 9                                 | 12                                        | 261       | 100%                       | 1.84E-01                        | 1.66E+00        | 1.02E-03        | 6.08E-02     | 1.39E-02         | 1.35E-02          |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 75                              | 43%                      | 0.36                                             | 1.23            | 1.62E-03        | 0.04 | 0.06             | 0.06              | 8                                 | 12                                        | 261       | 100%                       | 3.23E-01                        | 1.10E+00        | 1.45E-03        | 3.42E-02     | 5.53E-02         | 5.37E-02          |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 130                             | 43%                      | 0.16                                             | 0.59            | 1.46E-03        | 0.03 | 0.04             | 0.04              | 8                                 | 12                                        | 261       | 100%                       | 2.39E-01                        | 9.04E-01        | 2.25E-03        | 5.29E-02     | 5.99E-02         | 5.82E-02          |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 300                             | 43%                      | 0.31                                             | 1.12            | 1.53E-03        | 0.07 | 0.05             | 0.05              | 33                                | 12                                        | 261       | 100%                       | 4.58E+00                        | 1.64E+01        | 2.25E-02        | 9.90E-01     | 7.46E-01         | 7.24E-01          |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 475                             | 43%                      | 0.31                                             | 1.12            | 1.53E-03        | 0.07 | 0.05             | 0.05              | 8                                 | 12                                        | 261       | 100%                       | 1.76E+00                        | 6.31E+00        | 8.64E-03        | 3.80E-01     | 2.86E-01         | 2.78E-01          |
| CLASS 55,56 SMALL CAPITAL EQUIPMENT                                                                                                                                 |        |                              |                                 |                          |                                                  |                 |                 |      |                  |                   |                                   |                                           |           |                            |                                 |                 |                 |              |                  |                   |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 14                              | 43%                      | 1.70                                             | 3.96            | 2.17E-03        | 0.42 | 0.21             | 0.20              | 20                                | 12                                        | 261       | 100%                       | 7.08E-01                        | 1.65E+00        | 9.00E-04        | 1.76E-01     | 8.73E-02         | 8.47E-02          |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 20                              | 43%                      | 1.70                                             | 3.96            | 2.17E-03        | 0.42 | 0.21             | 0.20              | 42                                | 12                                        | 261       | 100%                       | 2.12E+00                        | 4.94E+00        | 2.70E-03        | 5.28E-01     | 2.62E-01         | 2.54E-01          |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 36                              | 43%                      | 0.63                                             | 2.93            | 1.68E-03        | 0.19 | 0.09             | 0.09              | 10                                | 12                                        | 261       | 100%                       | 3.35E-01                        | 1.57E+00        | 8.96E-04        | 1.01E-01     | 4.94E-02         | 4.80E-02          |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 100                             | 43%                      | 0.56                                             | 1.99            | 1.60E-03        | 0.17 | 0.12             | 0.12              | 11                                | 12                                        | 261       | 100%                       | 9.19E-01                        | 3.25E+00        | 2.61E-03        | 2.75E-01     | 2.03E-01         | 1.97E-01          |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 270                             | 43%                      | 0.46                                             | 1.87            | 1.59E-03        | 0.15 | 0.10             | 0.10              | 11                                | 12                                        | 261       | 100%                       | 2.04E+00                        | 8.24E+00        | 7.03E-03        | 6.76E-01     | 4.35E-01         | 4.22E-01          |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 2,346                           | 43%                      | 0.53                                             | 1.91            | 1.59E-03        | 0.12 | 0.08             | 0.08              | 8                                 | 12                                        | 261       | 100%                       | 1.48E+01                        | 5.32E+01        | 4.44E-02        | 3.25E+00     | 2.21E+00         | 2.14E+00          |
| OTHER EQUIPMENT                                                                                                                                                     |        |                              |                                 |                          |                                                  |                 |                 |      |                  |                   |                                   |                                           |           |                            |                                 |                 |                 |              |                  |                   |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 10                              | 43%                      | 2.45                                             | 4.18            | 2.16E-03        | 0.84 | 0.24             | 0.23              | 8                                 | 12                                        | 261       | 100%                       | 2.91E-01                        | 4.97E-01        | 2.57E-04        | 9.94E-02     | 2.82E-02         | 2.73E-02          |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 20                              | 43%                      | 1.48                                             | 3.76            | 2.17E-03        | 0.35 | 0.17             | 0.16              | 29                                | 12                                        | 261       | 100%                       | 1.28E+00                        | 3.24E+00        | 1.87E-03        | 3.03E-01     | 1.46E-01         | 1.41E-01          |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 22                              | 43%                      | 1.48                                             | 3.76            | 2.17E-03        | 0.35 | 0.17             | 0.16              | 8                                 | 12                                        | 261       | 100%                       | 3.88E-01                        | 9.83E-01        | 5.66E-04        | 9.18E-02     | 4.42E-02         | 4.29E-02          |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 85                              | 43%                      | 0.23                                             | 1.08            | 1.59E-03        | 0.03 | 0.04             | 0.04              | 8                                 | 12                                        | 261       | 100%                       | 2.29E-01                        | 1.09E+00        | 1.61E-03        | 2.55E-02     | 4.06E-02         | 3.94E-02          |
| Welders                                                                                                                                                             | Diesel | 2270006068                   | 58                              | 21%                      | 2.51                                             | 3.71            | 2.08E-03        | 0.51 | 0.38             | 0.36              | 28                                | 12                                        | 261       | 100%                       | 2.95E+00                        | 4.36E+00        | 2.45E-03        | 6.05E-01     | 4.42E-01         | 4.28E-01          |
| <b>Total</b>                                                                                                                                                        |        |                              |                                 |                          |                                                  |                 |                 |      |                  |                   |                                   |                                           |           |                            | <b>129.73</b>                   | <b>604.18</b>   | <b>0.44</b>     | <b>35.38</b> | <b>22.76</b>     | <b>22.08</b>      |
| 1. Based on EPA MOVES5.<br>2. EPA MOVES5 run for calendar year 2027, Cameron Parish.<br>3. Based on engineering estimates and best currently available information. |        |                              |                                 |                          |                                                  |                 |                 |      |                  |                   |                                   |                                           |           |                            |                                 |                 |                 |              |                  |                   |

**Table 9.B.1.5 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project  
2027 Non-Road Construction Equipment Exhaust Greenhouse Gas Emissions  
(Continued)**

| Equipment Type                | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup><br>(hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |                 |                               | No. of Equipment/Day <sup>1</sup> | Equipment Operating Duration <sup>3</sup> |           | Pollutant Emissions (tons/year) |                 |                  |                                |
|-------------------------------|--------|------------------------------|------------------------------------|--------------------------|-----------------------------------------------------|-----------------|-------------------------------|-----------------------------------|-------------------------------------------|-----------|---------------------------------|-----------------|------------------|--------------------------------|
|                               |        |                              |                                    |                          | CO <sub>2</sub>                                     | CH <sub>4</sub> | N <sub>2</sub> O <sup>4</sup> |                                   | Hours/Day                                 | Days/Year | CO <sub>2</sub>                 | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e <sup>5</sup> |
| CLASS 11 EARTHMOVING          |        |                              |                                    |                          |                                                     |                 |                               |                                   |                                           |           |                                 |                 |                  |                                |
| Bore / Drill Rigs             | Diesel | 2270002014                   | 1,000                              | 43%                      | 530.31                                              | 0.01            | 0.02                          | 57                                | 12                                        | 261       | 4.49E+04                        | 4.45E-01        | 1.89E+00         | 4.54E+04                       |
| Dozers                        | Diesel | 2270002081                   | 70                                 | 59%                      | 595.99                                              | 0.01            | 0.03                          | 9                                 | 12                                        | 261       | 7.65E+02                        | 1.18E-02        | 3.22E-02         | 7.74E+02                       |
| Excavators                    | Diesel | 2270002077                   | 97                                 | 59%                      | 596.13                                              | 7.03E-04        | 0.03                          | 24                                | 12                                        | 261       | 2.83E+03                        | 3.33E-03        | 1.19E-01         | 2.86E+03                       |
| Excavators                    | Diesel | 2270002077                   | 138                                | 59%                      | 536.80                                              | 7.13E-04        | 0.02                          | 29                                | 12                                        | 261       | 4.38E+03                        | 5.81E-03        | 1.84E-01         | 4.42E+03                       |
| Excavators                    | Diesel | 2270002077                   | 204                                | 59%                      | 536.80                                              | 4.70E-04        | 0.02                          | 8                                 | 12                                        | 261       | 1.78E+03                        | 1.56E-03        | 7.52E-02         | 1.80E+03                       |
| Excavators                    | Diesel | 2270002077                   | 207                                | 59%                      | 536.80                                              | 4.70E-04        | 0.02                          | 8                                 | 12                                        | 261       | 1.81E+03                        | 1.59E-03        | 7.63E-02         | 1.83E+03                       |
| Excavators                    | Diesel | 2270002077                   | 393                                | 59%                      | 536.79                                              | 8.71E-04        | 0.02                          | 8                                 | 12                                        | 261       | 3.44E+03                        | 5.58E-03        | 1.45E-01         | 3.48E+03                       |
| Excavators                    | Diesel | 2270002077                   | 476                                | 59%                      | 536.79                                              | 8.71E-04        | 0.02                          | 8                                 | 12                                        | 261       | 4.16E+03                        | 6.76E-03        | 1.75E-01         | 4.21E+03                       |
| Graders                       | Diesel | 2270002078                   | 69                                 | 59%                      | 595.99                                              | 0.01            | 0.03                          | 16                                | 12                                        | 261       | 1.34E+03                        | 2.06E-02        | 5.64E-02         | 1.36E+03                       |
| Graders                       | Diesel | 2270002078                   | 74                                 | 59%                      | 595.99                                              | 0.01            | 0.03                          | 19                                | 12                                        | 261       | 1.71E+03                        | 2.62E-02        | 7.19E-02         | 1.73E+03                       |
| Graders                       | Diesel | 2270002078                   | 80                                 | 59%                      | 596.13                                              | 8.78E-04        | 0.03                          | 18                                | 12                                        | 261       | 1.75E+03                        | 2.58E-03        | 7.36E-02         | 1.77E+03                       |
| Graders                       | Diesel | 2270002078                   | 100                                | 59%                      | 596.13                                              | 8.78E-04        | 0.03                          | 8                                 | 12                                        | 261       | 9.71E+02                        | 1.43E-03        | 4.09E-02         | 9.82E+02                       |
| Graders                       | Diesel | 2270002078                   | 145                                | 59%                      | 536.80                                              | 8.53E-04        | 0.02                          | 28                                | 12                                        | 261       | 4.44E+03                        | 7.06E-03        | 1.87E-01         | 4.49E+03                       |
| Skid Steer loader             | Diesel | 2270002022                   | 58                                 | 21%                      | 693.61                                              | 0.03            | 0.03                          | 15                                | 12                                        | 261       | 4.38E+02                        | 1.96E-02        | 1.84E-02         | 4.43E+02                       |
| Tampers / Rammers             | Diesel | 2270002007                   | 3                                  | 43%                      | 587.98                                              | 0.07            | 0.02                          | 29                                | 12                                        | 261       | 7.59E+01                        | 9.39E-03        | 3.20E-03         | 7.71E+01                       |
| Tractors / Backhoes           | Diesel | 2270002021                   | 90                                 | 21%                      | 695.11                                              | 0.01            | 0.03                          | 8                                 | 12                                        | 261       | 3.63E+02                        | 6.16E-03        | 1.53E-02         | 3.67E+02                       |
| Tractors / Backhoes           | Diesel | 2270002021                   | 157                                | 21%                      | 625.90                                              | 0.01            | 0.03                          | 10                                | 12                                        | 261       | 7.12E+02                        | 1.34E-02        | 3.00E-02         | 7.21E+02                       |
| Tractors / Backhoes           | Diesel | 2270002021                   | 160                                | 21%                      | 625.90                                              | 0.01            | 0.03                          | 32                                | 12                                        | 261       | 2.32E+03                        | 4.36E-02        | 9.78E-02         | 2.35E+03                       |
| Tractors / Backhoes           | Diesel | 2270002021                   | 230                                | 21%                      | 625.98                                              | 0.01            | 0.03                          | 19                                | 12                                        | 261       | 1.98E+03                        | 3.09E-02        | 8.35E-02         | 2.01E+03                       |
| CLASS 14 CRANES               |        |                              |                                    |                          |                                                     |                 |                               |                                   |                                           |           |                                 |                 |                  |                                |
| Cranes                        | Diesel | 2270002017                   | 155                                | 43%                      | 531.00                                              | 1.30E-03        | 0.02                          | 17                                | 12                                        | 261       | 2.08E+03                        | 5.09E-03        | 8.75E-02         | 2.10E+03                       |
| Cranes                        | Diesel | 2270002017                   | 450                                | 43%                      | 530.94                                              | 2.31E-03        | 0.02                          | 62                                | 12                                        | 261       | 2.20E+04                        | 9.58E-02        | 9.26E-01         | 2.22E+04                       |
| Cranes                        | Diesel | 2270002017                   | 550                                | 43%                      | 530.94                                              | 2.31E-03        | 0.02                          | 26                                | 12                                        | 261       | 1.13E+04                        | 4.91E-02        | 4.75E-01         | 1.14E+04                       |
| CLASS 15 FORKLIFT             |        |                              |                                    |                          |                                                     |                 |                               |                                   |                                           |           |                                 |                 |                  |                                |
| Forklifts                     | Diesel | 2270003026                   | 74                                 | 59%                      | 596.00                                              | 0.01            | 0.03                          | 15                                | 12                                        | 261       | 1.35E+03                        | 2.01E-02        | 5.68E-02         | 1.36E+03                       |
| CLASS 16 CONCRETE / AGGREGATE |        |                              |                                    |                          |                                                     |                 |                               |                                   |                                           |           |                                 |                 |                  |                                |
| Pumps                         | Diesel | 2270006065                   | 58                                 | 43%                      | 589.64                                              | 0.01            | 0.02                          | 15                                | 12                                        | 261       | 7.62E+02                        | 1.61E-02        | 3.21E-02         | 7.71E+02                       |
| Concrete / Industrial Saws    | Diesel | 2270002015                   | 11                                 | 59%                      | 593.75                                              | 7.38E-02        | 0.03                          | 8                                 | 12                                        | 261       | -                               | -               | -                | -                              |

**Table 9.B.1.5 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2027 Non-Road Construction Equipment Exhaust Greenhouse Gas Emissions**  
**(Continued)**

| Equipment Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup> (hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup> (g/hp-hr) |                 |                               | No. of Equipment/Day <sup>3</sup> | Equipment Operating Duration <sup>3</sup> |           | Pollutant Emissions (tons/year) |                 |                  |                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------|---------------------------------|--------------------------|--------------------------------------------------|-----------------|-------------------------------|-----------------------------------|-------------------------------------------|-----------|---------------------------------|-----------------|------------------|--------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |                              |                                 |                          | CO <sub>2</sub>                                  | CH <sub>4</sub> | N <sub>2</sub> O <sup>4</sup> |                                   | Hours/Day                                 | Days/Year | CO <sub>2</sub>                 | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e <sup>5</sup> |
| Air Compressors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Diesel | 2270006066                   | 5                               | 43%                      | 587.97                                           | 0.07            | 0.02                          | 9                                 | 12                                        | 261       | 3.93E+01                        | 4.93E-03        | 1.65E-03         | 3.99E+01                       |
| Air Compressors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Diesel | 2270006066                   | 13                              | 43%                      | 589.36                                           | 0.03            | 0.02                          | 8                                 | 12                                        | 261       | 9.10E+01                        | 4.78E-03        | 3.83E-03         | 9.21E+01                       |
| Air Compressors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Diesel | 2270006066                   | 35                              | 43%                      | 590.09                                           | 0.01            | 0.02                          | 8                                 | 12                                        | 261       | 2.45E+02                        | 5.16E-03        | 1.03E-02         | 2.48E+02                       |
| Air Compressors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Diesel | 2270006066                   | 49                              | 43%                      | 590.09                                           | 0.01            | 0.02                          | 9                                 | 12                                        | 261       | 3.86E+02                        | 8.12E-03        | 1.63E-02         | 3.91E+02                       |
| Air Compressors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Diesel | 2270006066                   | 75                              | 43%                      | 590.26                                           | 0.00            | 0.02                          | 8                                 | 12                                        | 261       | 5.26E+02                        | 2.80E-03        | 2.21E-02         | 5.32E+02                       |
| Air Compressors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Diesel | 2270006066                   | 130                             | 43%                      | 530.94                                           | 0.00            | 0.02                          | 8                                 | 12                                        | 261       | 8.20E+02                        | 4.46E-03        | 3.45E-02         | 8.29E+02                       |
| Air Compressors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Diesel | 2270006066                   | 300                             | 43%                      | 530.85                                           | 0.00            | 0.02                          | 33                                | 12                                        | 261       | 7.80E+03                        | 5.22E-02        | 3.29E-01         | 7.89E+03                       |
| Air Compressors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Diesel | 2270006066                   | 475                             | 43%                      | 530.85                                           | 0.00            | 0.02                          | 8                                 | 12                                        | 261       | 2.99E+03                        | 2.01E-02        | 1.26E-01         | 3.03E+03                       |
| CLASS 55,56 SMALL CAPITAL EQUIPMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |                              |                                 |                          |                                                  |                 |                               |                                   |                                           |           |                                 |                 |                  |                                |
| Generators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Diesel | 2270006064                   | 14                              | 43%                      | 589.15                                           | 0.03            | 0.02                          | 20                                | 12                                        | 261       | 2.45E+02                        | 1.32E-02        | 1.03E-02         | 2.48E+02                       |
| Generators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Diesel | 2270006064                   | 20                              | 43%                      | 589.15                                           | 0.03            | 0.02                          | 42                                | 12                                        | 261       | 7.35E+02                        | 3.96E-02        | 3.09E-02         | 7.44E+02                       |
| Generators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Diesel | 2270006064                   | 36                              | 43%                      | 589.82                                           | 0.02            | 0.02                          | 10                                | 12                                        | 261       | 3.15E+02                        | 8.59E-03        | 1.33E-02         | 3.19E+02                       |
| Generators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Diesel | 2270006064                   | 100                             | 43%                      | 530.56                                           | 0.01            | 0.02                          | 11                                | 12                                        | 261       | 8.66E+02                        | 1.10E-02        | 3.65E-02         | 8.76E+02                       |
| Generators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Diesel | 2270006064                   | 270                             | 43%                      | 530.60                                           | 0.01            | 0.02                          | 11                                | 12                                        | 261       | 2.34E+03                        | 2.66E-02        | 9.85E-02         | 2.37E+03                       |
| Generators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Diesel | 2270006064                   | 2,346                           | 43%                      | 530.70                                           | 0.00            | 0.02                          | 8                                 | 12                                        | 261       | 1.48E+04                        | 1.22E-01        | 6.23E-01         | 1.50E+04                       |
| OTHER EQUIPMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |                              |                                 |                          |                                                  |                 |                               |                                   |                                           |           |                                 |                 |                  |                                |
| Other general equipment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Diesel | 2270003028                   | 10                              | 43%                      | 587.97                                           | 0.07            | 0.02                          | 8                                 | 12                                        | 261       | 6.98E+01                        | 8.76E-03        | 2.94E-03         | 7.09E+01                       |
| Other general equipment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Diesel | 2270003028                   | 20                              | 43%                      | 589.36                                           | 0.03            | 0.02                          | 29                                | 12                                        | 261       | 5.07E+02                        | 2.67E-02        | 2.14E-02         | 5.14E+02                       |
| Other general equipment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Diesel | 2270003028                   | 22                              | 43%                      | 589.36                                           | 0.03            | 0.02                          | 8                                 | 12                                        | 261       | 1.54E+02                        | 8.09E-03        | 6.49E-03         | 1.56E+02                       |
| Other general equipment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Diesel | 2270003028                   | 85                              | 43%                      | 590.30                                           | 2.04E-03        | 0.02                          | 8                                 | 12                                        | 261       | 5.96E+02                        | 2.06E-03        | 2.51E-02         | 6.03E+02                       |
| Welders                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Diesel | 2270006068                   | 58                              | 21%                      | 694.50                                           | 0.02            | 0.03                          | 28                                | 12                                        | 261       | 8.18E+02                        | 2.34E-02        | 3.44E-02         | 8.27E+02                       |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |                              |                                 |                          |                                                  |                 |                               |                                   |                                           |           | <b>152031.34</b>                | <b>1.25</b>     | <b>6.40</b>      | <b>153763.21</b>               |
| <sup>1</sup> . Based on EPA MOVES5.<br><sup>2</sup> . EPA MOVES5 run for calendar year 2027, Cameron Parish.<br><sup>3</sup> . Based on engineering estimates and best currently available information.<br><sup>4</sup> . 2025 Climate Registry Default Emission Factors, Released: March 2025, Tables 2.1 and 2.7., ratioed based on CO <sub>2</sub> emission factor from EPA MOVES5.<br><a href="https://theclimaterestry.org/wp-content/uploads/2025/03/2025-Default-Emission-Factors-03-2025.pdf">https://theclimaterestry.org/wp-content/uploads/2025/03/2025-Default-Emission-Factors-03-2025.pdf</a><br><sup>5</sup> . The global warming potentials of CO <sub>2</sub> , CH <sub>4</sub> , and N <sub>2</sub> O are assumed to be 1, 28, and 265, respectively. |        |                              |                                 |                          |                                                  |                 |                               |                                   |                                           |           |                                 |                 |                  |                                |

**Table 9.B.1.6- Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2027 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions**  
**(Continued)**

| Equipment Type                | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup> (hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup> (g/hp-hr) |                        |              |          | No. of Equipment/Day <sup>3</sup> | Equipment Operating Duration <sup>3</sup> |           | Pollutant Emissions (tons/year) |                        |              |          |
|-------------------------------|--------|------------------------------|---------------------------------|--------------------------|--------------------------------------------------|------------------------|--------------|----------|-----------------------------------|-------------------------------------------|-----------|---------------------------------|------------------------|--------------|----------|
|                               |        |                              |                                 |                          | 1,3-Butadiene                                    | 2,2,4-Trimethylpentane | Acetaldehyde | Acrolein |                                   | Hours/Day                                 | Days/Year | 1,3-Butadiene                   | 2,2,4-Trimethylpentane | Acetaldehyde | Acrolein |
| CLASS 11 EARTHMOVING          |        |                              |                                 |                          |                                                  |                        |              |          |                                   |                                           |           |                                 |                        |              |          |
| Bore / Drill Rigs             | Diesel | 2270002014                   | 1,000                           | 43%                      | 4.68E-04                                         | 1.91E-03               | 2.00E-02     | 5.62E-03 | 57                                | 12                                        | 261       | 3.96E-02                        | 1.62E-01               | 1.69E+00     | 4.76E-01 |
| Dozers                        | Diesel | 2270002081                   | 70                              | 59%                      | 9.47E-05                                         | 4.18E-04               | 5.40E-03     | 9.60E-04 | 9                                 | 12                                        | 261       | 1.21E-04                        | 5.36E-04               | 6.93E-03     | 1.23E-03 |
| Excavators                    | Diesel | 2270002077                   | 97                              | 59%                      | 1.46E-05                                         | 6.73E-05               | 8.70E-04     | 1.51E-04 | 24                                | 12                                        | 261       | 6.90E-05                        | 3.19E-04               | 4.12E-03     | 7.17E-04 |
| Excavators                    | Diesel | 2270002077                   | 138                             | 59%                      | 1.42E-05                                         | 6.92E-05               | 8.81E-04     | 1.50E-04 | 29                                | 12                                        | 261       | 1.16E-04                        | 5.64E-04               | 7.18E-03     | 1.22E-03 |
| Excavators                    | Diesel | 2270002077                   | 204                             | 59%                      | 9.67E-06                                         | 6.50E-05               | 7.65E-04     | 1.17E-04 | 8                                 | 12                                        | 261       | 3.22E-05                        | 2.16E-04               | 2.54E-03     | 3.88E-04 |
| Excavators                    | Diesel | 2270002077                   | 207                             | 59%                      | 9.67E-06                                         | 6.50E-05               | 7.65E-04     | 1.17E-04 | 8                                 | 12                                        | 261       | 3.26E-05                        | 2.19E-04               | 2.58E-03     | 3.93E-04 |
| Excavators                    | Diesel | 2270002077                   | 393                             | 59%                      | 1.83E-05                                         | 1.00E-04               | 1.24E-03     | 2.02E-04 | 8                                 | 12                                        | 261       | 1.17E-04                        | 6.43E-04               | 7.93E-03     | 1.30E-03 |
| Excavators                    | Diesel | 2270002077                   | 476                             | 59%                      | 1.83E-05                                         | 1.00E-04               | 1.24E-03     | 2.02E-04 | 8                                 | 12                                        | 261       | 1.42E-04                        | 7.79E-04               | 9.60E-03     | 1.57E-03 |
| Graders                       | Diesel | 2270002078                   | 69                              | 59%                      | 9.42E-05                                         | 4.16E-04               | 5.37E-03     | 9.55E-04 | 16                                | 12                                        | 261       | 2.12E-04                        | 9.35E-04               | 1.21E-02     | 2.15E-03 |
| Graders                       | Diesel | 2270002078                   | 74                              | 59%                      | 9.42E-05                                         | 4.16E-04               | 5.37E-03     | 9.55E-04 | 19                                | 12                                        | 261       | 2.70E-04                        | 1.19E-03               | 1.54E-02     | 2.74E-03 |
| Graders                       | Diesel | 2270002078                   | 80                              | 59%                      | 1.79E-05                                         | 8.12E-05               | 1.05E-03     | 1.84E-04 | 18                                | 12                                        | 261       | 5.24E-05                        | 2.38E-04               | 3.09E-03     | 5.41E-04 |
| Graders                       | Diesel | 2270002078                   | 100                             | 59%                      | 1.79E-05                                         | 8.12E-05               | 1.05E-03     | 1.84E-04 | 8                                 | 12                                        | 261       | 2.91E-05                        | 1.32E-04               | 1.72E-03     | 3.00E-04 |
| Graders                       | Diesel | 2270002078                   | 145                             | 59%                      | 1.70E-05                                         | 8.07E-05               | 1.03E-03     | 1.78E-04 | 28                                | 12                                        | 261       | 1.40E-04                        | 6.68E-04               | 8.55E-03     | 1.47E-03 |
| Skid Steer loader             | Diesel | 2270002022                   | 58                              | 21%                      | 1.53E-03                                         | 6.33E-03               | 6.99E-02     | 1.80E-02 | 15                                | 12                                        | 261       | 9.67E-04                        | 3.99E-03               | 4.41E-02     | 1.13E-02 |
| Tampers / Rammers             | Diesel | 2270002007                   | 3                               | 43%                      | 1.55E-03                                         | 6.53E-03               | 8.65E-02     | 1.56E-02 | 29                                | 12                                        | 261       | 2.01E-04                        | 8.43E-04               | 1.12E-02     | 2.02E-03 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 90                              | 21%                      | 5.73E-04                                         | 2.35E-03               | 2.65E-02     | 6.40E-03 | 8                                 | 12                                        | 261       | 2.99E-04                        | 1.23E-03               | 1.38E-02     | 3.34E-03 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 157                             | 21%                      | 4.18E-04                                         | 1.73E-03               | 2.05E-02     | 4.56E-03 | 10                                | 12                                        | 261       | 4.76E-04                        | 1.97E-03               | 2.33E-02     | 5.19E-03 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 160                             | 21%                      | 4.18E-04                                         | 1.73E-03               | 2.05E-02     | 4.56E-03 | 32                                | 12                                        | 261       | 1.55E-03                        | 6.43E-03               | 7.60E-02     | 1.69E-02 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 230                             | 21%                      | 3.57E-04                                         | 1.48E-03               | 1.75E-02     | 3.84E-03 | 19                                | 12                                        | 261       | 1.13E-03                        | 4.70E-03               | 5.54E-02     | 1.22E-02 |
| CLASS 14 CRANES               |        |                              |                                 |                          |                                                  |                        |              |          |                                   |                                           |           |                                 |                        |              |          |
| Cranes                        | Diesel | 2270002017                   | 155                             | 43%                      | 2.72E-05                                         | 1.23E-04               | 1.60E-03     | 2.80E-04 | 17                                | 12                                        | 261       | 1.07E-04                        | 4.83E-04               | 6.25E-03     | 1.10E-03 |
| Cranes                        | Diesel | 2270002017                   | 450                             | 43%                      | 5.83E-05                                         | 2.62E-04               | 3.28E-03     | 5.94E-04 | 62                                | 12                                        | 261       | 2.41E-03                        | 1.09E-02               | 1.36E-01     | 2.46E-02 |
| Cranes                        | Diesel | 2270002017                   | 550                             | 43%                      | 5.83E-05                                         | 2.62E-04               | 3.28E-03     | 5.94E-04 | 26                                | 12                                        | 261       | 1.24E-03                        | 5.57E-03               | 6.97E-02     | 1.26E-02 |
| CLASS 15 FORKLIFT             |        |                              |                                 |                          |                                                  |                        |              |          |                                   |                                           |           |                                 |                        |              |          |
| Forklifts                     | Diesel | 2270003026                   | 74                              | 59%                      | 8.94E-05                                         | 3.96E-04               | 5.11E-03     | 9.08E-04 | 15                                | 12                                        | 261       | 2.02E-04                        | 8.95E-04               | 1.15E-02     | 2.05E-03 |
| CLASS 16 CONCRETE / AGGREGATE |        |                              |                                 |                          |                                                  |                        |              |          |                                   |                                           |           |                                 |                        |              |          |
| Pumps                         | Diesel | 2270006065                   | 58                              | 43%                      | 4.60E-04                                         | 1.92E-03               | 2.13E-02     | 5.55E-03 | 15                                | 12                                        | 261       | 5.94E-04                        | 2.49E-03               | 2.75E-02     | 7.16E-03 |
| Concrete / Industrial Saws    | Diesel | 2270002015                   | 11                              | 59%                      | 1.56E-03                                         | 6.56E-03               | 8.71E-02     | 1.57E-02 | 8                                 | 12                                        | 261       | 2.79E-04                        | 1.18E-03               | 1.56E-02     | 2.81E-03 |

**Table 9.B.1.6- Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2027 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions**  
**(Continued)**

| Equipment Type                                                                                                                                                      | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup> (hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup> (g/hp-hr) |                        |              |          | No. of Equipment/Day <sup>3</sup> | Equipment Operating Duration <sup>3</sup> |           | Pollutant Emissions (tons/year) |                        |              |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------|---------------------------------|--------------------------|--------------------------------------------------|------------------------|--------------|----------|-----------------------------------|-------------------------------------------|-----------|---------------------------------|------------------------|--------------|----------|
|                                                                                                                                                                     |        |                              |                                 |                          | 1,3-Butadiene                                    | 2,2,4-Trimethylpentane | Acetaldehyde | Acrolein |                                   | Hours/Day                                 | Days/Year | 1,3-Butadiene                   | 2,2,4-Trimethylpentane | Acetaldehyde | Acrolein |
| CLASS 17 AIR COMPRESSORS                                                                                                                                            |        |                              |                                 |                          |                                                  |                        |              |          |                                   |                                           |           |                                 |                        |              |          |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 5                               | 43%                      | 1.56E-03                                         | 6.56E-03               | 8.71E-02     | 1.57E-02 | 9                                 | 12                                        | 261       | 1.04E-04                        | 4.38E-04               | 5.82E-03     | 1.05E-03 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 13                              | 43%                      | 6.54E-04                                         | 2.75E-03               | 3.66E-02     | 6.58E-03 | 8                                 | 12                                        | 261       | 1.01E-04                        | 4.25E-04               | 5.65E-03     | 1.02E-03 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 35                              | 43%                      | 1.68E-04                                         | 7.27E-04               | 9.51E-03     | 1.70E-03 | 8                                 | 12                                        | 261       | 7.00E-05                        | 3.02E-04               | 3.95E-03     | 7.07E-04 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 49                              | 43%                      | 1.68E-04                                         | 7.27E-04               | 9.51E-03     | 1.70E-03 | 9                                 | 12                                        | 261       | 1.10E-04                        | 4.76E-04               | 6.23E-03     | 1.11E-03 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 75                              | 43%                      | 6.94E-05                                         | 2.94E-04               | 3.80E-03     | 6.89E-04 | 8                                 | 12                                        | 261       | 6.18E-05                        | 2.62E-04               | 3.39E-03     | 6.13E-04 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 130                             | 43%                      | 6.05E-05                                         | 2.62E-04               | 3.42E-03     | 6.11E-04 | 8                                 | 12                                        | 261       | 9.34E-05                        | 4.04E-04               | 5.28E-03     | 9.43E-04 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 300                             | 43%                      | 1.18E-04                                         | 5.08E-04               | 6.01E-03     | 1.33E-03 | 33                                | 12                                        | 261       | 1.73E-03                        | 7.47E-03               | 8.84E-02     | 1.95E-02 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 475                             | 43%                      | 1.18E-04                                         | 5.08E-04               | 6.01E-03     | 1.33E-03 | 8                                 | 12                                        | 261       | 6.65E-04                        | 2.87E-03               | 3.39E-02     | 7.48E-03 |
| CLASS 55,56 SMALL CAPITAL EQUIPMENT                                                                                                                                 |        |                              |                                 |                          |                                                  |                        |              |          |                                   |                                           |           |                                 |                        |              |          |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 14                              | 43%                      | 7.88E-04                                         | 3.32E-03               | 4.21E-02     | 8.52E-03 | 20                                | 12                                        | 261       | 3.28E-04                        | 1.38E-03               | 1.75E-02     | 3.54E-03 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 20                              | 43%                      | 7.88E-04                                         | 3.32E-03               | 4.21E-02     | 8.52E-03 | 42                                | 12                                        | 261       | 9.83E-04                        | 4.14E-03               | 5.25E-02     | 1.06E-02 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 36                              | 43%                      | 3.47E-04                                         | 1.48E-03               | 1.81E-02     | 3.96E-03 | 10                                | 12                                        | 261       | 1.85E-04                        | 7.91E-04               | 9.65E-03     | 2.11E-03 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 100                             | 43%                      | 3.11E-04                                         | 1.30E-03               | 1.45E-02     | 3.69E-03 | 11                                | 12                                        | 261       | 5.08E-04                        | 2.12E-03               | 2.37E-02     | 6.02E-03 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 270                             | 43%                      | 2.79E-04                                         | 1.17E-03               | 1.31E-02     | 3.25E-03 | 11                                | 12                                        | 261       | 1.23E-03                        | 5.15E-03               | 5.78E-02     | 1.43E-02 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 2,346                           | 43%                      | 2.11E-04                                         | 8.97E-04               | 9.90E-03     | 2.62E-03 | 8                                 | 12                                        | 261       | 5.87E-03                        | 2.50E-02               | 2.76E-01     | 7.30E-02 |
| OTHER EQUIPMENT                                                                                                                                                     |        |                              |                                 |                          |                                                  |                        |              |          |                                   |                                           |           |                                 |                        |              |          |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 10                              | 43%                      | 1.56E-03                                         | 6.56E-03               | 8.71E-02     | 1.57E-02 | 8                                 | 12                                        | 261       | 1.85E-04                        | 7.79E-04               | 1.03E-02     | 1.86E-03 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 20                              | 43%                      | 6.54E-04                                         | 2.75E-03               | 3.66E-02     | 6.57E-03 | 29                                | 12                                        | 261       | 5.63E-04                        | 2.37E-03               | 3.15E-02     | 5.66E-03 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 22                              | 43%                      | 6.54E-04                                         | 2.75E-03               | 3.66E-02     | 6.57E-03 | 8                                 | 12                                        | 261       | 1.71E-04                        | 7.19E-04               | 9.55E-03     | 1.72E-03 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 85                              | 43%                      | 4.47E-05                                         | 1.92E-04               | 2.49E-03     | 4.47E-04 | 8                                 | 12                                        | 261       | 4.51E-05                        | 1.94E-04               | 2.51E-03     | 4.51E-04 |
| Welders                                                                                                                                                             | Diesel | 2270006068                   | 58                              | 21%                      | 9.52E-04                                         | 3.97E-03               | 4.31E-02     | 1.17E-02 | 28                                | 12                                        | 261       | 1.12E-03                        | 4.67E-03               | 5.07E-02     | 1.37E-02 |
| Total                                                                                                                                                               |        |                              |                                 |                          |                                                  |                        |              |          |                                   |                                           |           | 0.06                            | 0.27                   | 2.96         | 0.76     |
| 1. Based on EPA MOVES5.<br>2. EPA MOVES5 run for calendar year 2027, Cameron Parish.<br>3. Based on engineering estimates and best currently available information. |        |                              |                                 |                          |                                                  |                        |              |          |                                   |                                           |           |                                 |                        |              |          |

**Table 9.B.1.6 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2027 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions**  
**(Continued)**

| Equipment Type                | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup> (hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup> (g/hp-hr) |               |              |          |             | No. of Equipment/Day <sup>3</sup> | Equipment Operating Duration <sup>3</sup> |           | Pollutant Emissions (tons/year) |               |              |          |             |
|-------------------------------|--------|------------------------------|---------------------------------|--------------------------|--------------------------------------------------|---------------|--------------|----------|-------------|-----------------------------------|-------------------------------------------|-----------|---------------------------------|---------------|--------------|----------|-------------|
|                               |        |                              |                                 |                          | Benzene                                          | Ethyl Benzene | Formaldehyde | Hexane   | Naphthalene |                                   | Hours/Day                                 | Days/Year | Benzene                         | Ethyl Benzene | Formaldehyde | Hexane   | Naphthalene |
| CLASS 11 EARTHMOVING          |        |                              |                                 |                          |                                                  |               |              |          |             |                                   |                                           |           |                                 |               |              |          |             |
| Bore / Drill Rigs             | Diesel | 2270002014                   | 1,000                           | 43%                      | 6.20E-03                                         | 1.58E-03      | 5.62E-02     | 5.74E-04 | 7.86E-04    | 57                                | 12                                        | 261       | 5.24E-01                        | 1.34E-01      | 4.76E+00     | 4.86E-02 | 6.65E-02    |
| Dozers                        | Diesel | 2270002081                   | 70                              | 59%                      | 2.71E-03                                         | 2.42E-04      | 1.53E-02     | 2.35E-05 | 2.98E-04    | 9                                 | 12                                        | 261       | 3.48E-03                        | 3.11E-04      | 1.96E-02     | 3.01E-05 | 3.83E-04    |
| Excavators                    | Diesel | 2270002077                   | 97                              | 59%                      | 4.23E-04                                         | 5.00E-05      | 2.32E-03     | 1.27E-06 | 3.73E-05    | 24                                | 12                                        | 261       | 2.01E-03                        | 2.37E-04      | 1.10E-02     | 6.03E-06 | 1.77E-04    |
| Excavators                    | Diesel | 2270002077                   | 138                             | 59%                      | 4.13E-04                                         | 5.77E-05      | 2.29E-03     | 2.06E-06 | 3.72E-05    | 29                                | 12                                        | 261       | 3.36E-03                        | 4.70E-04      | 1.86E-02     | 1.68E-05 | 3.03E-04    |
| Excavators                    | Diesel | 2270002077                   | 204                             | 59%                      | 2.81E-04                                         | 8.57E-05      | 1.66E-03     | 4.90E-06 | 2.74E-05    | 8                                 | 12                                        | 261       | 9.35E-04                        | 2.85E-04      | 5.53E-03     | 1.63E-05 | 9.12E-05    |
| Excavators                    | Diesel | 2270002077                   | 207                             | 59%                      | 2.81E-04                                         | 8.57E-05      | 1.66E-03     | 4.90E-06 | 2.74E-05    | 8                                 | 12                                        | 261       | 9.49E-04                        | 2.89E-04      | 5.61E-03     | 1.65E-05 | 9.26E-05    |
| Excavators                    | Diesel | 2270002077                   | 393                             | 59%                      | 5.30E-04                                         | 1.04E-04      | 3.01E-03     | 4.90E-06 | 4.87E-05    | 8                                 | 12                                        | 261       | 3.39E-03                        | 6.66E-04      | 1.92E-02     | 3.14E-05 | 3.12E-04    |
| Excavators                    | Diesel | 2270002077                   | 476                             | 59%                      | 5.30E-04                                         | 1.04E-04      | 3.01E-03     | 4.90E-06 | 4.87E-05    | 8                                 | 12                                        | 261       | 4.11E-03                        | 8.06E-04      | 2.33E-02     | 3.80E-05 | 3.78E-04    |
| Graders                       | Diesel | 2270002078                   | 69                              | 59%                      | 2.69E-03                                         | 2.41E-04      | 1.52E-02     | 2.35E-05 | 2.97E-04    | 16                                | 12                                        | 261       | 6.06E-03                        | 5.41E-04      | 3.41E-02     | 5.28E-05 | 6.68E-04    |
| Graders                       | Diesel | 2270002078                   | 74                              | 59%                      | 2.69E-03                                         | 2.41E-04      | 1.52E-02     | 2.35E-05 | 2.97E-04    | 19                                | 12                                        | 261       | 7.72E-03                        | 6.90E-04      | 4.35E-02     | 6.73E-05 | 8.51E-04    |
| Graders                       | Diesel | 2270002078                   | 80                              | 59%                      | 5.19E-04                                         | 5.75E-05      | 2.84E-03     | 1.34E-06 | 4.57E-05    | 18                                | 12                                        | 261       | 1.52E-03                        | 1.69E-04      | 8.33E-03     | 3.92E-06 | 1.34E-04    |
| Graders                       | Diesel | 2270002078                   | 100                             | 59%                      | 5.19E-04                                         | 5.75E-05      | 2.84E-03     | 1.34E-06 | 4.57E-05    | 8                                 | 12                                        | 261       | 8.46E-04                        | 9.37E-05      | 4.63E-03     | 2.18E-06 | 7.45E-05    |
| Graders                       | Diesel | 2270002078                   | 145                             | 59%                      | 4.93E-04                                         | 6.39E-05      | 2.72E-03     | 2.07E-06 | 4.42E-05    | 28                                | 12                                        | 261       | 4.08E-03                        | 5.28E-04      | 2.25E-02     | 1.71E-05 | 3.65E-04    |
| Skid Steer loader             | Diesel | 2270002022                   | 58                              | 21%                      | 2.55E-02                                         | 4.92E-03      | 1.97E-01     | 1.48E-03 | 2.88E-03    | 15                                | 12                                        | 261       | 1.61E-02                        | 3.10E-03      | 1.24E-01     | 9.33E-04 | 1.82E-03    |
| Tampers / Rammers             | Diesel | 2270002007                   | 3                               | 43%                      | 4.48E-02                                         | 3.67E-03      | 2.43E-01     | 3.07E-05 | 3.85E-03    | 29                                | 12                                        | 261       | 5.78E-03                        | 4.74E-04      | 3.14E-02     | 3.97E-06 | 4.98E-04    |
| Tractors / Backhoes           | Diesel | 2270002021                   | 90                              | 21%                      | 9.88E-03                                         | 1.72E-03      | 7.44E-02     | 5.38E-04 | 1.07E-03    | 8                                 | 12                                        | 261       | 5.16E-03                        | 8.98E-04      | 3.88E-02     | 2.81E-04 | 5.60E-04    |
| Tractors / Backhoes           | Diesel | 2270002021                   | 157                             | 21%                      | 8.59E-03                                         | 1.20E-03      | 5.74E-02     | 2.81E-04 | 8.57E-04    | 10                                | 12                                        | 261       | 9.78E-03                        | 1.37E-03      | 6.54E-02     | 3.20E-04 | 9.76E-04    |
| Tractors / Backhoes           | Diesel | 2270002021                   | 160                             | 21%                      | 8.59E-03                                         | 1.20E-03      | 5.74E-02     | 2.81E-04 | 8.57E-04    | 32                                | 12                                        | 261       | 3.19E-02                        | 4.46E-03      | 2.13E-01     | 1.04E-03 | 3.18E-03    |
| Tractors / Backhoes           | Diesel | 2270002021                   | 230                             | 21%                      | 7.20E-03                                         | 1.03E-03      | 4.88E-02     | 2.57E-04 | 7.22E-04    | 19                                | 12                                        | 261       | 2.28E-02                        | 3.27E-03      | 1.55E-01     | 8.16E-04 | 2.29E-03    |
| CLASS 14 CRANES               |        |                              |                                 |                          |                                                  |               |              |          |             |                                   |                                           |           |                                 |               |              |          |             |
| Cranes                        | Diesel | 2270002017                   | 155                             | 43%                      | 7.81E-04                                         | 8.73E-05      | 4.31E-03     | 2.86E-06 | 6.89E-05    | 17                                | 12                                        | 261       | 3.06E-03                        | 3.41E-04      | 1.68E-02     | 1.12E-05 | 2.69E-04    |
| Cranes                        | Diesel | 2270002017                   | 450                             | 43%                      | 1.49E-03                                         | 1.92E-04      | 8.82E-03     | 2.22E-05 | 1.36E-04    | 62                                | 12                                        | 261       | 6.16E-02                        | 7.95E-03      | 3.65E-01     | 9.21E-04 | 5.63E-03    |
| Cranes                        | Diesel | 2270002017                   | 550                             | 43%                      | 1.49E-03                                         | 1.92E-04      | 8.82E-03     | 2.22E-05 | 1.36E-04    | 26                                | 12                                        | 261       | 3.16E-02                        | 4.08E-03      | 1.87E-01     | 4.72E-04 | 2.89E-03    |
| CLASS 15 FORKLIFT             |        |                              |                                 |                          |                                                  |               |              |          |             |                                   |                                           |           |                                 |               |              |          |             |
| Forklifts                     | Diesel | 2270003026                   | 74                              | 59%                      | 2.56E-03                                         | 2.30E-04      | 1.44E-02     | 2.34E-05 | 2.85E-04    | 15                                | 12                                        | 261       | 5.78E-03                        | 5.19E-04      | 3.26E-02     | 5.30E-05 | 6.45E-04    |
| CLASS 16 CONCRETE / AGGREGATE |        |                              |                                 |                          |                                                  |               |              |          |             |                                   |                                           |           |                                 |               |              |          |             |
| Pumps                         | Diesel | 2270006065                   | 58                              | 43%                      | 8.00E-03                                         | 1.54E-03      | 5.99E-02     | 4.16E-04 | 9.24E-04    | 15                                | 12                                        | 261       | 1.03E-02                        | 1.99E-03      | 7.73E-02     | 5.38E-04 | 1.19E-03    |
| Concrete / Industrial Saws    | Diesel | 2270002015                   | 11                              | 59%                      | 4.53E-02                                         | 3.67E-03      | 2.45E-01     | 0.00E+00 | 3.89E-03    | 8                                 | 12                                        | 261       | 8.12E-03                        | 6.58E-04      | 4.38E-02     | 0.00E+00 | 6.97E-04    |

**Table 9.B.1.6 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2027 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions**  
**(Continued)**

| Equipment Type                      | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup> (hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup> (g/hp-hr) |               |              |          |             | No. of Equipment/Day <sup>3</sup> | Equipment Operating Duration <sup>3</sup> |           | Pollutant Emissions (tons/year) |               |              |          |             |
|-------------------------------------|--------|------------------------------|---------------------------------|--------------------------|--------------------------------------------------|---------------|--------------|----------|-------------|-----------------------------------|-------------------------------------------|-----------|---------------------------------|---------------|--------------|----------|-------------|
|                                     |        |                              |                                 |                          | Benzene                                          | Ethyl Benzene | Formaldehyde | Hexane   | Naphthalene |                                   | Hours/Day                                 | Days/Year | Benzene                         | Ethyl Benzene | Formaldehyde | Hexane   | Naphthalene |
| CLASS 17 AIR COMPRESSORS            |        |                              |                                 |                          |                                                  |               |              |          |             |                                   |                                           |           |                                 |               |              |          |             |
| Air Compressors                     | Diesel | 2270006066                   | 5                               | 43%                      | 4.53E-02                                         | 3.67E-03      | 2.45E-01     | 0.00E+00 | 3.89E-03    | 9                                 | 12                                        | 261       | 3.03E-03                        | 2.45E-04      | 1.63E-02     | 0.00E+00 | 2.60E-04    |
| Air Compressors                     | Diesel | 2270006066                   | 13                              | 43%                      | 1.90E-02                                         | 1.54E-03      | 1.03E-01     | 0.00E+00 | 1.63E-03    | 8                                 | 12                                        | 261       | 2.94E-03                        | 2.38E-04      | 1.59E-02     | 0.00E+00 | 2.52E-04    |
| Air Compressors                     | Diesel | 2270006066                   | 35                              | 43%                      | 4.85E-03                                         | 4.14E-04      | 2.68E-02     | 2.23E-05 | 4.79E-04    | 8                                 | 12                                        | 261       | 2.02E-03                        | 1.72E-04      | 1.11E-02     | 9.25E-06 | 1.99E-04    |
| Air Compressors                     | Diesel | 2270006066                   | 49                              | 43%                      | 4.85E-03                                         | 4.14E-04      | 2.68E-02     | 2.23E-05 | 4.79E-04    | 9                                 | 12                                        | 261       | 3.18E-03                        | 2.71E-04      | 1.75E-02     | 1.46E-05 | 3.13E-04    |
| Air Compressors                     | Diesel | 2270006066                   | 75                              | 43%                      | 1.87E-03                                         | 1.74E-04      | 1.06E-02     | 1.51E-05 | 1.67E-04    | 8                                 | 12                                        | 261       | 1.66E-03                        | 1.55E-04      | 9.45E-03     | 1.34E-05 | 1.49E-04    |
| Air Compressors                     | Diesel | 2270006066                   | 130                             | 43%                      | 1.71E-03                                         | 1.62E-04      | 9.45E-03     | 6.13E-06 | 1.51E-04    | 8                                 | 12                                        | 261       | 2.64E-03                        | 2.50E-04      | 1.46E-02     | 9.46E-06 | 2.33E-04    |
| Air Compressors                     | Diesel | 2270006066                   | 300                             | 43%                      | 2.54E-03                                         | 3.88E-04      | 1.65E-02     | 7.16E-05 | 2.52E-04    | 33                                | 12                                        | 261       | 3.73E-02                        | 5.71E-03      | 2.43E-01     | 1.05E-03 | 3.70E-03    |
| Air Compressors                     | Diesel | 2270006066                   | 475                             | 43%                      | 2.54E-03                                         | 3.88E-04      | 1.65E-02     | 7.16E-05 | 2.52E-04    | 8                                 | 12                                        | 261       | 1.43E-02                        | 2.19E-03      | 9.33E-02     | 4.04E-04 | 1.42E-03    |
| CLASS 55,56 SMALL CAPITAL EQUIPMENT |        |                              |                                 |                          |                                                  |               |              |          |             |                                   |                                           |           |                                 |               |              |          |             |
| Generators                          | Diesel | 2270006064                   | 14                              | 43%                      | 2.06E-02                                         | 2.13E-03      | 1.18E-01     | 1.66E-04 | 1.86E-03    | 20                                | 12                                        | 261       | 8.55E-03                        | 8.84E-04      | 4.91E-02     | 6.91E-05 | 7.72E-04    |
| Generators                          | Diesel | 2270006064                   | 20                              | 43%                      | 2.06E-02                                         | 2.13E-03      | 1.18E-01     | 1.66E-04 | 1.86E-03    | 42                                | 12                                        | 261       | 2.56E-02                        | 2.65E-03      | 1.47E-01     | 2.07E-04 | 2.32E-03    |
| Generators                          | Diesel | 2270006064                   | 36                              | 43%                      | 8.38E-03                                         | 1.04E-03      | 5.07E-02     | 1.35E-04 | 8.38E-04    | 10                                | 12                                        | 261       | 4.48E-03                        | 5.56E-04      | 2.71E-02     | 7.20E-05 | 4.48E-04    |
| Generators                          | Diesel | 2270006064                   | 100                             | 43%                      | 5.57E-03                                         | 1.02E-03      | 4.07E-02     | 2.64E-04 | 6.04E-04    | 11                                | 12                                        | 261       | 9.10E-03                        | 1.67E-03      | 6.64E-02     | 4.30E-04 | 9.86E-04    |
| Generators                          | Diesel | 2270006064                   | 270                             | 43%                      | 4.98E-03                                         | 9.17E-04      | 3.66E-02     | 2.44E-04 | 5.39E-04    | 11                                | 12                                        | 261       | 2.19E-02                        | 4.04E-03      | 1.61E-01     | 1.07E-03 | 2.37E-03    |
| Generators                          | Diesel | 2270006064                   | 2,346                           | 43%                      | 3.72E-03                                         | 7.66E-04      | 2.74E-02     | 1.80E-04 | 4.12E-04    | 8                                 | 12                                        | 261       | 1.04E-01                        | 2.13E-02      | 7.64E-01     | 5.01E-03 | 1.15E-02    |
| OTHER EQUIPMENT                     |        |                              |                                 |                          |                                                  |               |              |          |             |                                   |                                           |           |                                 |               |              |          |             |
| Other general equipment             | Diesel | 2270003028                   | 10                              | 43%                      | 4.53E-02                                         | 3.67E-03      | 2.45E-01     | 0.00E+00 | 3.89E-03    | 8                                 | 12                                        | 261       | 5.38E-03                        | 4.36E-04      | 2.90E-02     | 0.00E+00 | 4.61E-04    |
| Other general equipment             | Diesel | 2270003028                   | 20                              | 43%                      | 1.90E-02                                         | 1.54E-03      | 1.03E-01     | 0.00E+00 | 1.63E-03    | 29                                | 12                                        | 261       | 1.64E-02                        | 1.33E-03      | 8.84E-02     | 0.00E+00 | 1.40E-03    |
| Other general equipment             | Diesel | 2270003028                   | 22                              | 43%                      | 1.90E-02                                         | 1.54E-03      | 1.03E-01     | 0.00E+00 | 1.63E-03    | 8                                 | 12                                        | 261       | 4.97E-03                        | 4.02E-04      | 2.68E-02     | 0.00E+00 | 4.26E-04    |
| Other general equipment             | Diesel | 2270003028                   | 85                              | 43%                      | 1.22E-03                                         | 1.18E-04      | 6.88E-03     | 8.50E-06 | 1.09E-04    | 8                                 | 12                                        | 261       | 1.23E-03                        | 1.19E-04      | 6.95E-03     | 8.58E-06 | 1.10E-04    |
| Welders                             | Diesel | 2270006068                   | 58                              | 21%                      | 1.54E-02                                         | 3.27E-03      | 1.21E-01     | 9.34E-04 | 1.81E-03    | 28                                | 12                                        | 261       | 1.82E-02                        | 3.86E-03      | 1.42E-01     | 1.10E-03 | 2.13E-03    |
| Total                               |        |                              |                                 |                          |                                                  |               |              |          |             |                                   |                                           |           | 1.06E+00                        | 2.15E-01      | 8.25E+00     | 6.38E-02 | 1.20E-01    |

1. Based on EPA MOVES5.

2. EPA MOVES5 run for calendar year 2027, Cameron Parish.

3. Based on engineering estimates and best currently available information.

**Table 9.B.1.6 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2027 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions**  
**(Continued)**

| Equipment Type                | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup><br>(hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |                 |          |          | No. of Equipment/<br>Day <sup>3</sup> | Equipment Operating Duration <sup>3</sup> |           | Percent Usage <sup>3</sup><br>% | Pollutant Emissions<br>(tons/year) |                 |          |          |
|-------------------------------|--------|------------------------------|------------------------------------|--------------------------|-----------------------------------------------------|-----------------|----------|----------|---------------------------------------|-------------------------------------------|-----------|---------------------------------|------------------------------------|-----------------|----------|----------|
|                               |        |                              |                                    |                          | PAH                                                 | Propionaldehyde | Toluene  | Xylenes  |                                       | Hours/Day                                 | Days/Year |                                 | PAH                                | Propionaldehyde | Toluene  | Xylenes  |
| CLASS 11 EARTHMOVING          |        |                              |                                    |                          |                                                     |                 |          |          |                                       |                                           |           |                                 |                                    |                 |          |          |
| Bore / Drill Rigs             | Diesel | 2270002014                   | 1,000                              | 43%                      | 9.98E-04                                            | 6.63E-03        | 4.85E-03 | 4.66E-03 | 57                                    | 12                                        | 261       | 100%                            | 8.45E-02                           | 5.61E-01        | 4.10E-01 | 3.94E-01 |
| Dozers                        | Diesel | 2270002081                   | 70                                 | 59%                      | 2.27E-04                                            | 1.09E-03        | 1.98E-03 | 7.34E-04 | 9                                     | 12                                        | 261       | 100%                            | 2.91E-04                           | 1.40E-03        | 2.55E-03 | 9.42E-04 |
| Excavators                    | Diesel | 2270002077                   | 97                                 | 59%                      | 4.26E-05                                            | 1.76E-04        | 3.20E-04 | 2.05E-04 | 24                                    | 12                                        | 261       | 100%                            | 2.02E-04                           | 8.34E-04        | 1.52E-03 | 9.70E-04 |
| Excavators                    | Diesel | 2270002077                   | 138                                | 59%                      | 4.01E-05                                            | 1.74E-04        | 3.27E-04 | 2.64E-04 | 29                                    | 12                                        | 261       | 100%                            | 3.27E-04                           | 1.42E-03        | 2.66E-03 | 2.16E-03 |
| Excavators                    | Diesel | 2270002077                   | 204                                | 59%                      | 2.67E-05                                            | 1.30E-04        | 2.95E-04 | 5.17E-04 | 8                                     | 12                                        | 261       | 100%                            | 8.87E-05                           | 4.32E-04        | 9.81E-04 | 1.72E-03 |
| Excavators                    | Diesel | 2270002077                   | 207                                | 59%                      | 2.67E-05                                            | 1.30E-04        | 2.95E-04 | 5.17E-04 | 8                                     | 12                                        | 261       | 100%                            | 9.00E-05                           | 4.38E-04        | 9.96E-04 | 1.74E-03 |
| Excavators                    | Diesel | 2270002077                   | 393                                | 59%                      | 4.98E-05                                            | 2.32E-04        | 4.66E-04 | 5.56E-04 | 8                                     | 12                                        | 261       | 100%                            | 3.19E-04                           | 1.49E-03        | 2.98E-03 | 3.56E-03 |
| Excavators                    | Diesel | 2270002077                   | 476                                | 59%                      | 4.98E-05                                            | 2.32E-04        | 4.66E-04 | 5.56E-04 | 8                                     | 12                                        | 261       | 100%                            | 3.86E-04                           | 1.80E-03        | 3.61E-03 | 4.31E-03 |
| Graders                       | Diesel | 2270002078                   | 69                                 | 59%                      | 2.25E-04                                            | 1.09E-03        | 1.97E-03 | 7.31E-04 | 16                                    | 12                                        | 261       | 100%                            | 5.07E-04                           | 2.44E-03        | 4.44E-03 | 1.64E-03 |
| Graders                       | Diesel | 2270002078                   | 74                                 | 59%                      | 2.25E-04                                            | 1.09E-03        | 1.97E-03 | 7.31E-04 | 19                                    | 12                                        | 261       | 100%                            | 6.46E-04                           | 3.11E-03        | 5.65E-03 | 2.09E-03 |
| Graders                       | Diesel | 2270002078                   | 80                                 | 59%                      | 5.27E-05                                            | 2.15E-04        | 3.87E-04 | 2.23E-04 | 18                                    | 12                                        | 261       | 100%                            | 1.55E-04                           | 6.30E-04        | 1.14E-03 | 6.55E-04 |
| Graders                       | Diesel | 2270002078                   | 100                                | 59%                      | 5.27E-05                                            | 2.15E-04        | 3.87E-04 | 2.23E-04 | 8                                     | 12                                        | 261       | 100%                            | 8.59E-05                           | 3.50E-04        | 6.31E-04 | 3.64E-04 |
| Graders                       | Diesel | 2270002078                   | 145                                | 59%                      | 4.79E-05                                            | 2.06E-04        | 3.82E-04 | 2.79E-04 | 28                                    | 12                                        | 261       | 100%                            | 3.96E-04                           | 1.71E-03        | 3.16E-03 | 2.31E-03 |
| Skid Steer loader             | Diesel | 2270002022                   | 58                                 | 21%                      | 3.45E-03                                            | 2.06E-02        | 1.91E-02 | 1.42E-02 | 15                                    | 12                                        | 261       | 100%                            | 2.18E-03                           | 1.30E-02        | 1.21E-02 | 8.95E-03 |
| Tampers / Rammers             | Diesel | 2270002007                   | 3                                  | 43%                      | 3.71E-03                                            | 1.85E-02        | 3.13E-02 | 9.76E-03 | 29                                    | 12                                        | 261       | 100%                            | 4.79E-04                           | 2.39E-03        | 4.05E-03 | 1.26E-03 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 90                                 | 21%                      | 1.26E-03                                            | 8.17E-03        | 7.51E-03 | 5.18E-03 | 8                                     | 12                                        | 261       | 100%                            | 6.59E-04                           | 4.26E-03        | 3.92E-03 | 2.70E-03 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 157                                | 21%                      | 9.43E-04                                            | 5.62E-03        | 6.33E-03 | 3.55E-03 | 10                                    | 12                                        | 261       | 100%                            | 1.07E-03                           | 6.40E-03        | 7.20E-03 | 4.04E-03 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 160                                | 21%                      | 9.43E-04                                            | 5.62E-03        | 6.33E-03 | 3.55E-03 | 32                                    | 12                                        | 261       | 100%                            | 3.50E-03                           | 2.09E-02        | 2.35E-02 | 1.32E-02 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 230                                | 21%                      | 7.85E-04                                            | 4.98E-03        | 5.41E-03 | 3.26E-03 | 19                                    | 12                                        | 261       | 100%                            | 2.49E-03                           | 1.58E-02        | 1.71E-02 | 1.03E-02 |
| CLASS 14 CRANES               |        |                              |                                    |                          |                                                     |                 |          |          |                                       |                                           |           |                                 |                                    |                 |          |          |
| Cranes                        | Diesel | 2270002017                   | 155                                | 43%                      | 7.33E-05                                            | 3.33E-04        | 5.85E-04 | 3.41E-04 | 17                                    | 12                                        | 261       | 100%                            | 2.87E-04                           | 1.30E-03        | 2.29E-03 | 1.33E-03 |
| Cranes                        | Diesel | 2270002017                   | 450                                | 43%                      | 1.38E-04                                            | 7.97E-04        | 1.16E-03 | 7.96E-04 | 62                                    | 12                                        | 261       | 100%                            | 5.71E-03                           | 3.30E-02        | 4.80E-02 | 3.30E-02 |
| Cranes                        | Diesel | 2270002017                   | 550                                | 43%                      | 1.38E-04                                            | 7.97E-04        | 1.16E-03 | 7.96E-04 | 26                                    | 12                                        | 261       | 100%                            | 2.93E-03                           | 1.69E-02        | 2.46E-02 | 1.69E-02 |
| CLASS 15 FORKLIFT             |        |                              |                                    |                          |                                                     |                 |          |          |                                       |                                           |           |                                 |                                    |                 |          |          |
| Forklifts                     | Diesel | 2270003026                   | 74                                 | 59%                      | 2.13E-04                                            | 1.03E-03        | 1.88E-03 | 7.01E-04 | 15                                    | 12                                        | 261       | 100%                            | 4.82E-04                           | 2.33E-03        | 4.24E-03 | 1.58E-03 |
| CLASS 16 CONCRETE / AGGREGATE |        |                              |                                    |                          |                                                     |                 |          |          |                                       |                                           |           |                                 |                                    |                 |          |          |
| Pumps                         | Diesel | 2270006065                   | 58                                 | 43%                      | 1.09E-03                                            | 5.76E-03        | 5.89E-03 | 4.32E-03 | 15                                    | 12                                        | 261       | 100%                            | 1.41E-03                           | 7.43E-03        | 7.60E-03 | 5.58E-03 |
| Concrete / Industrial Saws    | Diesel | 2270002015                   | 11                                 | 59%                      | 3.72E-03                                            | 1.84E-02        | 3.17E-02 | 9.72E-03 | 8                                     | 12                                        | 261       | 100%                            | 6.67E-04                           | 3.30E-03        | 5.68E-03 | 1.74E-03 |

**Table 9.B.1.6 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2027 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions**  
**(Continued)**

| Equipment Type                                                                                                                                                      | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup> (hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup> (g/hp-hr) |                 |          |          | No. of Equipment/Day <sup>3</sup> | Equipment Operating Duration <sup>3</sup> |           | Percent Usage <sup>3</sup> | Pollutant Emissions (tons/year) |          |                 |          |         |  |      |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------|---------------------------------|--------------------------|--------------------------------------------------|-----------------|----------|----------|-----------------------------------|-------------------------------------------|-----------|----------------------------|---------------------------------|----------|-----------------|----------|---------|--|------|--|
|                                                                                                                                                                     |        |                              |                                 |                          | PAH                                              | Propionaldehyde | Toluene  | Xylenes  |                                   | Hours/Day                                 | Days/Year |                            | %                               | PAH      | Propionaldehyde | Toluene  | Xylenes |  |      |  |
| CLASS 17 AIR COMPRESSORS                                                                                                                                            |        |                              |                                 |                          |                                                  |                 |          |          |                                   |                                           |           |                            |                                 |          |                 |          |         |  |      |  |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 5                               | 43%                      | 3.72E-03                                         | 1.84E-02        | 3.17E-02 | 9.72E-03 | 9                                 | 12                                        | 261       | 100%                       | 2.49E-04                        | 1.23E-03 | 2.12E-03        | 6.49E-04 |         |  |      |  |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 13                              | 43%                      | 1.60E-03                                         | 7.74E-03        | 1.33E-02 | 4.08E-03 | 8                                 | 12                                        | 261       | 100%                       | 2.47E-04                        | 1.19E-03 | 2.05E-03        | 6.30E-04 |         |  |      |  |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 35                              | 43%                      | 3.98E-04                                         | 1.96E-03        | 3.48E-03 | 1.19E-03 | 8                                 | 12                                        | 261       | 100%                       | 1.65E-04                        | 8.17E-04 | 1.45E-03        | 4.93E-04 |         |  |      |  |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 49                              | 43%                      | 3.98E-04                                         | 1.96E-03        | 3.48E-03 | 1.19E-03 | 9                                 | 12                                        | 261       | 100%                       | 2.60E-04                        | 1.29E-03 | 2.28E-03        | 7.76E-04 |         |  |      |  |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 75                              | 43%                      | 1.83E-04                                         | 9.01E-04        | 1.35E-03 | 5.50E-04 | 8                                 | 12                                        | 261       | 100%                       | 1.63E-04                        | 8.03E-04 | 1.21E-03        | 4.90E-04 |         |  |      |  |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 130                             | 43%                      | 1.57E-04                                         | 7.44E-04        | 1.24E-03 | 5.32E-04 | 8                                 | 12                                        | 261       | 100%                       | 2.43E-04                        | 1.15E-03 | 1.91E-03        | 8.21E-04 |         |  |      |  |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 300                             | 43%                      | 2.81E-04                                         | 1.51E-03        | 1.90E-03 | 1.29E-03 | 33                                | 12                                        | 261       | 100%                       | 4.12E-03                        | 2.21E-02 | 2.79E-02        | 1.89E-02 |         |  |      |  |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 475                             | 43%                      | 2.81E-04                                         | 1.51E-03        | 1.90E-03 | 1.29E-03 | 8                                 | 12                                        | 261       | 100%                       | 1.58E-03                        | 8.50E-03 | 1.07E-02        | 7.26E-03 |         |  |      |  |
| CLASS 55,56 SMALL CAPITAL EQUIPMENT                                                                                                                                 |        |                              |                                 |                          |                                                  |                 |          |          |                                   |                                           |           |                            |                                 |          |                 |          |         |  |      |  |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 14                              | 43%                      | 1.93E-03                                         | 9.11E-03        | 1.44E-02 | 5.59E-03 | 20                                | 12                                        | 261       | 100%                       | 8.01E-04                        | 3.79E-03 | 5.97E-03        | 2.32E-03 |         |  |      |  |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 20                              | 43%                      | 1.93E-03                                         | 9.11E-03        | 1.44E-02 | 5.59E-03 | 42                                | 12                                        | 261       | 100%                       | 2.40E-03                        | 1.14E-02 | 1.79E-02        | 6.97E-03 |         |  |      |  |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 36                              | 43%                      | 8.48E-04                                         | 3.87E-03        | 5.90E-03 | 2.77E-03 | 10                                | 12                                        | 261       | 100%                       | 4.53E-04                        | 2.07E-03 | 3.16E-03        | 1.48E-03 |         |  |      |  |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 100                             | 43%                      | 7.26E-04                                         | 3.97E-03        | 4.09E-03 | 2.91E-03 | 11                                | 12                                        | 261       | 100%                       | 1.19E-03                        | 6.48E-03 | 6.68E-03        | 4.76E-03 |         |  |      |  |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 270                             | 43%                      | 6.34E-04                                         | 3.69E-03        | 3.73E-03 | 2.78E-03 | 11                                | 12                                        | 261       | 100%                       | 2.79E-03                        | 1.63E-02 | 1.65E-02        | 1.23E-02 |         |  |      |  |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 2,346                           | 43%                      | 5.06E-04                                         | 2.52E-03        | 2.73E-03 | 2.24E-03 | 8                                 | 12                                        | 261       | 100%                       | 1.41E-02                        | 7.01E-02 | 7.59E-02        | 6.25E-02 |         |  |      |  |
| OTHER EQUIPMENT                                                                                                                                                     |        |                              |                                 |                          |                                                  |                 |          |          |                                   |                                           |           |                            |                                 |          |                 |          |         |  |      |  |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 10                              | 43%                      | 3.72E-03                                         | 1.84E-02        | 3.17E-02 | 9.71E-03 | 8                                 | 12                                        | 261       | 100%                       | 4.42E-04                        | 2.19E-03 | 3.76E-03        | 1.15E-03 |         |  |      |  |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 20                              | 43%                      | 1.60E-03                                         | 7.73E-03        | 1.33E-02 | 4.08E-03 | 29                                | 12                                        | 261       | 100%                       | 1.38E-03                        | 6.66E-03 | 1.14E-02        | 3.51E-03 |         |  |      |  |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 22                              | 43%                      | 1.60E-03                                         | 7.73E-03        | 1.33E-02 | 4.08E-03 | 8                                 | 12                                        | 261       | 100%                       | 4.17E-04                        | 2.02E-03 | 3.47E-03        | 1.07E-03 |         |  |      |  |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 85                              | 43%                      | 1.19E-04                                         | 5.73E-04        | 8.90E-04 | 3.95E-04 | 8                                 | 12                                        | 261       | 100%                       | 1.21E-04                        | 5.78E-04 | 8.99E-04        | 3.98E-04 |         |  |      |  |
| Welders                                                                                                                                                             | Diesel | 2270006068                   | 58                              | 21%                      | 2.22E-03                                         | 1.20E-02        | 1.14E-02 | 9.14E-03 | 28                                | 12                                        | 261       | 100%                       | 2.61E-03                        | 1.41E-02 | 1.34E-02        | 1.08E-02 |         |  |      |  |
| Total                                                                                                                                                               |        |                              |                                 |                          |                                                  |                 |          |          |                                   |                                           |           |                            | 0.14                            |          | 0.88            |          | 0.81    |  | 0.65 |  |
| 1. Based on EPA MOVES5.<br>2. EPA MOVES5 run for calendar year 2027, Cameron Parish.<br>3. Based on engineering estimates and best currently available information. |        |                              |                                 |                          |                                                  |                 |          |          |                                   |                                           |           |                            |                                 |          |                 |          |         |  |      |  |

**Table 9.B.1.6 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2027 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions**  
**(Continued)**

| Equipment Type                | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup><br>(hp) | Load<br>Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |             |           |             |          | No. of<br>Equipment/Day <sup>3</sup> | Equipment<br>Operating Duration <sup>3</sup> |           | Pollutant Emissions<br>(tons/year) |             |           |          |          |
|-------------------------------|--------|------------------------------|------------------------------------|-----------------------------|-----------------------------------------------------|-------------|-----------|-------------|----------|--------------------------------------|----------------------------------------------|-----------|------------------------------------|-------------|-----------|----------|----------|
|                               |        |                              |                                    |                             | Arsenic                                             | Chromium VI | Manganese | Mercury     | Nickel   |                                      | Hours/Day                                    | Days/Year | Arsenic                            | Chromium VI | Manganese | Mercury  | Nickel   |
| CLASS 11 EARTHMOVING          |        |                              |                                    |                             |                                                     |             |           |             |          |                                      |                                              |           |                                    |             |           |          |          |
| Bore / Drill Rigs             | Diesel | 2270002014                   | 1,000                              | 43%                         | 8.32E-07                                            | 4.02E-09    | 1.79E-06  | 1.11E-08    | 3.12E-06 | 57                                   | 12                                           | 261       | 7.04E-05                           | 3.40E-07    | 1.51E-04  | 9.36E-07 | 2.64E-04 |
| Dozers                        | Diesel | 2270002081                   | 70                                 | 59%                         | 9.34E-07                                            | 3.32E-09    | 1.21E-06  | 1.24E-08    | 2.04E-06 | 9                                    | 12                                           | 261       | 1.20E-06                           | 4.26E-09    | 1.56E-06  | 1.59E-08 | 2.62E-06 |
| Excavators                    | Diesel | 2270002077                   | 97                                 | 59%                         | 9.34E-07                                            | 2.86E-09    | 1.01E-06  | 1.2418E-08  | 1.70E-06 | 24                                   | 12                                           | 261       | 4.43E-06                           | 1.36E-08    | 4.81E-06  | 5.89E-08 | 8.08E-06 |
| Excavators                    | Diesel | 2270002077                   | 138                                | 59%                         | 8.41E-07                                            | 3.28E-09    | 1.40E-06  | 1.11823E-08 | 2.45E-06 | 29                                   | 12                                           | 261       | 6.86E-06                           | 2.68E-08    | 1.14E-05  | 9.12E-08 | 1.99E-05 |
| Excavators                    | Diesel | 2270002077                   | 204                                | 59%                         | 8.41E-07                                            | 2.16E-09    | 8.48E-07  | 1.11822E-08 | 1.47E-06 | 8                                    | 12                                           | 261       | 2.80E-06                           | 7.20E-09    | 2.82E-06  | 3.72E-08 | 4.88E-06 |
| Excavators                    | Diesel | 2270002077                   | 207                                | 59%                         | 8.41E-07                                            | 2.16E-09    | 8.48E-07  | 1.11822E-08 | 1.47E-06 | 8                                    | 12                                           | 261       | 2.84E-06                           | 7.30E-09    | 2.86E-06  | 3.77E-08 | 4.95E-06 |
| Excavators                    | Diesel | 2270002077                   | 393                                | 59%                         | 8.41E-07                                            | 2.23E-09    | 8.80E-07  | 1.11822E-08 | 1.52E-06 | 8                                    | 12                                           | 261       | 5.39E-06                           | 1.43E-08    | 5.64E-06  | 7.16E-08 | 9.76E-06 |
| Excavators                    | Diesel | 2270002077                   | 476                                | 59%                         | 8.41E-07                                            | 2.23E-09    | 8.80E-07  | 1.11822E-08 | 1.52E-06 | 8                                    | 12                                           | 261       | 6.53E-06                           | 1.73E-08    | 6.83E-06  | 8.67E-08 | 1.18E-05 |
| Graders                       | Diesel | 2270002078                   | 69                                 | 59%                         | 9.34E-07                                            | 3.32E-09    | 1.21E-06  | 1.2418E-08  | 2.04E-06 | 16                                   | 12                                           | 261       | 2.10E-06                           | 7.46E-09    | 2.73E-06  | 2.79E-08 | 4.59E-06 |
| Graders                       | Diesel | 2270002078                   | 74                                 | 59%                         | 9.34E-07                                            | 3.32E-09    | 1.21E-06  | 1.2418E-08  | 2.04E-06 | 19                                   | 12                                           | 261       | 2.68E-06                           | 9.50E-09    | 3.47E-06  | 3.56E-08 | 5.85E-06 |
| Graders                       | Diesel | 2270002078                   | 80                                 | 59%                         | 9.34E-07                                            | 2.88E-09    | 1.02E-06  | 1.2418E-08  | 1.72E-06 | 18                                   | 12                                           | 261       | 2.74E-06                           | 8.45E-09    | 3.00E-06  | 3.64E-08 | 5.05E-06 |
| Graders                       | Diesel | 2270002078                   | 100                                | 59%                         | 9.34E-07                                            | 2.88E-09    | 1.02E-06  | 1.2418E-08  | 1.72E-06 | 8                                    | 12                                           | 261       | 1.52E-06                           | 4.69E-09    | 1.67E-06  | 2.02E-08 | 2.80E-06 |
| Graders                       | Diesel | 2270002078                   | 145                                | 59%                         | 8.41E-07                                            | 3.28E-09    | 1.40E-06  | 1.11823E-08 | 2.44E-06 | 28                                   | 12                                           | 261       | 6.96E-06                           | 2.71E-08    | 1.16E-05  | 9.25E-08 | 2.02E-05 |
| Skid Steer loader             | Diesel | 2270002022                   | 58                                 | 21%                         | 1.09E-06                                            | 4.63E-09    | 1.92E-06  | 1.44977E-08 | 3.32E-06 | 15                                   | 12                                           | 261       | 6.88E-07                           | 2.92E-09    | 1.21E-06  | 9.14E-09 | 2.09E-06 |
| Tampers / Rammers             | Diesel | 2270002007                   | 3                                  | 43%                         | 9.25E-07                                            | 4.47E-09    | 1.99E-06  | 1.22975E-08 | 3.48E-06 | 29                                   | 12                                           | 261       | 1.19E-07                           | 5.77E-10    | 2.57E-07  | 1.59E-09 | 4.49E-07 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 90                                 | 21%                         | 1.09E-06                                            | 3.76E-09    | 1.44E-06  | 1.44977E-08 | 2.45E-06 | 8                                    | 12                                           | 261       | 5.69E-07                           | 1.96E-09    | 7.50E-07  | 7.57E-09 | 1.28E-06 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 157                                | 21%                         | 9.82E-07                                            | 4.03E-09    | 1.74E-06  | 1.3051E-08  | 3.04E-06 | 10                                   | 12                                           | 261       | 1.12E-06                           | 4.59E-09    | 1.99E-06  | 1.49E-08 | 3.46E-06 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 160                                | 21%                         | 9.82E-07                                            | 4.03E-09    | 1.74E-06  | 1.3051E-08  | 3.04E-06 | 32                                   | 12                                           | 261       | 3.64E-06                           | 1.50E-08    | 6.48E-06  | 4.84E-08 | 1.13E-05 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 230                                | 21%                         | 9.82E-07                                            | 3.01E-09    | 1.23E-06  | 1.3051E-08  | 2.14E-06 | 19                                   | 12                                           | 261       | 3.11E-06                           | 9.53E-09    | 3.91E-06  | 4.13E-08 | 6.79E-06 |
| CLASS 14 CRANES               |        |                              |                                    |                             |                                                     |             |           |             |          |                                      |                                              |           |                                    |             |           |          |          |
| Cranes                        | Diesel | 2270002017                   | 155                                | 43%                         | 8.32E-07                                            | 3.29E-09    | 1.41E-06  | 1.10617E-08 | 2.46E-06 | 17                                   | 12                                           | 261       | 3.26E-06                           | 1.29E-08    | 5.52E-06  | 4.33E-08 | 9.61E-06 |
| Cranes                        | Diesel | 2270002017                   | 450                                | 43%                         | 8.32E-07                                            | 2.38E-09    | 9.59E-07  | 1.10617E-08 | 1.66E-06 | 62                                   | 12                                           | 261       | 3.45E-05                           | 9.85E-08    | 3.97E-05  | 4.58E-07 | 6.89E-05 |
| Cranes                        | Diesel | 2270002017                   | 550                                | 43%                         | 8.32E-07                                            | 2.38E-09    | 9.59E-07  | 1.10617E-08 | 1.66E-06 | 26                                   | 12                                           | 261       | 1.77E-05                           | 5.05E-08    | 2.04E-05  | 2.35E-07 | 3.53E-05 |
| CLASS 15 FORKLIFT             |        |                              |                                    |                             |                                                     |             |           |             |          |                                      |                                              |           |                                    |             |           |          |          |
| Forklifts                     | Diesel | 2270003026                   | 74                                 | 59%                         | 9.34E-07                                            | 3.32E-09    | 1.21E-06  | 1.2418E-08  | 2.05E-06 | 15                                   | 12                                           | 261       | 2.11E-06                           | 7.51E-09    | 2.75E-06  | 2.81E-08 | 4.63E-06 |
| CLASS 16 CONCRETE / AGGREGATE |        |                              |                                    |                             |                                                     |             |           |             |          |                                      |                                              |           |                                    |             |           |          |          |
| Pumps                         | Diesel | 2270006065                   | 58                                 | 43%                         | 9.25E-07                                            | 3.69E-09    | 1.47E-06  | 1.22975E-08 | 2.51E-06 | 15                                   | 12                                           | 261       | 1.19E-06                           | 4.76E-09    | 1.89E-06  | 1.59E-08 | 3.24E-06 |
| Concrete / Industrial Saws    | Diesel | 2270002015                   | 11                                 | 59%                         | 9.34E-07                                            | 4.51E-09    | 2.01E-06  | 1.2418E-08  | 3.51E-06 | 8                                    | 12                                           | 261       | 1.67E-07                           | 8.09E-10    | 3.60E-07  | 2.23E-09 | 6.29E-07 |

**Table 9.B.1.6 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2027 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions**  
**(Continued)**

| Equipment Type                                                                                                                                                      | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup><br>(hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |             |           |             |          | No. of Equipment/Day <sup>3</sup> | Equipment Operating Duration <sup>3</sup> |           | Pollutant Emissions (tons/year) |             |           |          |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------|------------------------------------|--------------------------|-----------------------------------------------------|-------------|-----------|-------------|----------|-----------------------------------|-------------------------------------------|-----------|---------------------------------|-------------|-----------|----------|----------|
|                                                                                                                                                                     |        |                              |                                    |                          | Arsenic                                             | Chromium VI | Manganese | Mercury     | Nickel   |                                   | Hours/Day                                 | Days/Year | Arsenic                         | Chromium VI | Manganese | Mercury  | Nickel   |
| CLASS 17 AIR COMPRESSORS                                                                                                                                            |        |                              |                                    |                          |                                                     |             |           |             |          |                                   |                                           |           |                                 |             |           |          |          |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 5                                  | 43%                      | 9.25E-07                                            | 4.47E-09    | 1.99E-06  | 1.22975E-08 | 3.48E-06 | 9                                 | 12                                        | 261       | 6.18E-08                        | 2.99E-10    | 1.33E-07  | 8.22E-10 | 2.32E-07 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 13                                 | 43%                      | 9.25E-07                                            | 4.47E-09    | 1.99E-06  | 1.22975E-08 | 3.48E-06 | 8                                 | 12                                        | 261       | 1.43E-07                        | 6.90E-10    | 3.07E-07  | 1.90E-09 | 5.37E-07 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 35                                 | 43%                      | 9.25E-07                                            | 3.35E-09    | 1.24E-06  | 1.22975E-08 | 2.10E-06 | 8                                 | 12                                        | 261       | 3.85E-07                        | 1.39E-09    | 5.16E-07  | 5.11E-09 | 8.72E-07 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 49                                 | 43%                      | 9.25E-07                                            | 3.35E-09    | 1.24E-06  | 1.22975E-08 | 2.10E-06 | 9                                 | 12                                        | 261       | 6.06E-07                        | 2.19E-09    | 8.13E-07  | 8.05E-09 | 1.37E-06 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 75                                 | 43%                      | 9.25E-07                                            | 3.05E-09    | 1.12E-06  | 1.22975E-08 | 1.90E-06 | 8                                 | 12                                        | 261       | 8.24E-07                        | 2.72E-09    | 1.00E-06  | 1.10E-08 | 1.69E-06 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 130                                | 43%                      | 8.32E-07                                            | 3.27E-09    | 1.38E-06  | 1.10617E-08 | 2.40E-06 | 8                                 | 12                                        | 261       | 1.28E-06                        | 5.04E-09    | 2.13E-06  | 1.71E-08 | 3.71E-06 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 300                                | 43%                      | 8.32E-07                                            | 2.63E-09    | 1.08E-06  | 1.10617E-08 | 1.88E-06 | 33                                | 12                                        | 261       | 1.22E-05                        | 3.86E-08    | 1.59E-05  | 1.63E-07 | 2.77E-05 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 475                                | 43%                      | 8.32E-07                                            | 2.63E-09    | 1.08E-06  | 1.10617E-08 | 1.88E-06 | 8                                 | 12                                        | 261       | 4.69E-06                        | 1.48E-08    | 6.11E-06  | 6.24E-08 | 1.06E-05 |
| CLASS 55,56 SMALL CAPITAL EQUIPMENT                                                                                                                                 |        |                              |                                    |                          |                                                     |             |           |             |          |                                   |                                           |           |                                 |             |           |          |          |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 14                                 | 43%                      | 9.25E-07                                            | 4.47E-09    | 1.99E-06  | 1.22974E-08 | 3.48E-06 | 20                                | 12                                        | 261       | 3.85E-07                        | 1.86E-09    | 8.26E-07  | 5.11E-09 | 1.45E-06 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 20                                 | 43%                      | 9.25E-07                                            | 4.47E-09    | 1.99E-06  | 1.22975E-08 | 3.48E-06 | 42                                | 12                                        | 261       | 1.15E-06                        | 5.58E-09    | 2.48E-06  | 1.53E-08 | 4.34E-06 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 36                                 | 43%                      | 9.25E-07                                            | 3.55E-09    | 1.37E-06  | 1.22975E-08 | 2.34E-06 | 10                                | 12                                        | 261       | 4.94E-07                        | 1.90E-09    | 7.34E-07  | 6.57E-09 | 1.25E-06 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 100                                | 43%                      | 8.32E-07                                            | 3.54E-09    | 1.54E-06  | 1.10617E-08 | 2.68E-06 | 11                                | 12                                        | 261       | 1.36E-06                        | 5.77E-09    | 2.51E-06  | 1.81E-08 | 4.38E-06 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 270                                | 43%                      | 8.32E-07                                            | 2.82E-09    | 1.18E-06  | 1.10617E-08 | 2.06E-06 | 11                                | 12                                        | 261       | 3.67E-06                        | 1.24E-08    | 5.22E-06  | 4.88E-08 | 9.08E-06 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 2,346                              | 43%                      | 8.32E-07                                            | 2.82E-09    | 1.18E-06  | 1.10617E-08 | 2.06E-06 | 8                                 | 12                                        | 261       | 2.32E-05                        | 7.87E-08    | 3.30E-05  | 3.08E-07 | 5.74E-05 |
| OTHER EQUIPMENT                                                                                                                                                     |        |                              |                                    |                          |                                                     |             |           |             |          |                                   |                                           |           |                                 |             |           |          |          |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 10                                 | 43%                      | 9.25E-07                                            | 4.47E-09    | 1.99E-06  | 1.22975E-08 | 3.48E-06 | 8                                 | 12                                        | 261       | 1.10E-07                        | 5.31E-10    | 2.36E-07  | 1.46E-09 | 4.13E-07 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 20                                 | 43%                      | 9.25E-07                                            | 4.47E-09    | 1.99E-06  | 1.22975E-08 | 3.48E-06 | 29                                | 12                                        | 261       | 7.97E-07                        | 3.85E-09    | 1.71E-06  | 1.06E-08 | 2.99E-06 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 22                                 | 43%                      | 9.25E-07                                            | 4.47E-09    | 1.99E-06  | 1.22975E-08 | 3.48E-06 | 8                                 | 12                                        | 261       | 2.42E-07                        | 1.17E-09    | 5.19E-07  | 3.21E-09 | 9.08E-07 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 85                                 | 43%                      | 9.25E-07                                            | 2.93E-09    | 1.06E-06  | 1.22974E-08 | 1.78E-06 | 8                                 | 12                                        | 261       | 9.34E-07                        | 2.96E-09    | 1.07E-06  | 1.24E-08 | 1.80E-06 |
| Welders                                                                                                                                                             | Diesel | 2270006068                   | 58                                 | 21%                      | 1.09E-06                                            | 4.34E-09    | 1.73E-06  | 1.44977E-08 | 2.96E-06 | 28                                | 12                                        | 261       | 1.28E-06                        | 5.12E-09    | 2.03E-06  | 1.71E-08 | 3.49E-06 |
| Total                                                                                                                                                               |        |                              |                                    |                          |                                                     |             |           |             |          |                                   |                                           |           | 2.38E-04                        | 8.83E-07    | 3.72E-04  | 3.17E-06 | 6.47E-04 |
| 1. Based on EPA MOVES5.<br>2. EPA MOVES5 run for calendar year 2027, Cameron Parish.<br>3. Based on engineering estimates and best currently available information. |        |                              |                                    |                          |                                                     |             |           |             |          |                                   |                                           |           |                                 |             |           |          |          |

**Table 9.B.1.7 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project  
2028 Non-Road Construction Equipment Exhaust Criteria Pollutant Emissions  
(Continued)**

| Equipment Type                | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup><br>(hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |                 |                 |      |                  |                   | No. of Equipment/<br>Day <sup>3</sup> | Equipment<br>Operating Duration <sup>3</sup> |           | Pollutant Emissions<br>(tons/year) |                 |                 |          |                  |                   |
|-------------------------------|--------|------------------------------|------------------------------------|--------------------------|-----------------------------------------------------|-----------------|-----------------|------|------------------|-------------------|---------------------------------------|----------------------------------------------|-----------|------------------------------------|-----------------|-----------------|----------|------------------|-------------------|
|                               |        |                              |                                    |                          | CO                                                  | NO <sub>x</sub> | SO <sub>2</sub> | VOC  | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       | Hours/Day                                    | Days/Year | CO                                 | NO <sub>x</sub> | SO <sub>2</sub> | VOC      | PM <sub>10</sub> | PM <sub>2.5</sub> |
| CLASS 11 EARTHMOVING          |        |                              |                                    |                          |                                                     |                 |                 |      |                  |                   |                                       |                                              |           |                                    |                 |                 |          |                  |                   |
| Bore / Drill Rigs             | Diesel | 2270002014                   | 1,000                              | 43%                      | 0.74                                                | 4.35            | 1.66E-03        | 0.23 | 0.14             | 0.13              | 25                                    | 12                                           | 260       | 2.74E+01                           | 1.61E+02        | 6.14E-02        | 8.37E+00 | 5.14E+00         | 4.99E+00          |
| Excavators                    | Diesel | 2270002077                   | 97                                 | 59%                      | 0.07                                                | 0.87            | 1.57E-03        | 0.01 | 0.01             | 0.01              | 20                                    | 12                                           | 260       | 2.68E-01                           | 3.42E+00        | 6.19E-03        | 3.33E-02 | 5.76E-02         | 5.58E-02          |
| Excavators                    | Diesel | 2270002077                   | 138                                | 59%                      | 0.06                                                | 0.18            | 1.42E-03        | 0.01 | 0.01             | 0.01              | 20                                    | 12                                           | 260       | 3.10E-01                           | 1.02E+00        | 7.93E-03        | 5.10E-02 | 7.07E-02         | 6.85E-02          |
| Graders                       | Diesel | 2270002078                   | 145                                | 59%                      | 0.06                                                | 0.21            | 1.42E-03        | 0.01 | 0.01             | 0.01              | 7                                     | 12                                           | 260       | 1.31E-01                           | 4.24E-01        | 2.92E-03        | 2.12E-02 | 3.04E-02         | 2.95E-02          |
| Skid Steer loader             | Diesel | 2270002022                   | 58                                 | 21%                      | 3.69                                                | 4.30            | 2.17E-03        | 0.73 | 0.54             | 0.52              | 7                                     | 12                                           | 260       | 1.08E+00                           | 1.26E+00        | 6.37E-04        | 2.14E-01 | 1.57E-01         | 1.53E-01          |
| Tampers / Rammers             | Diesel | 2270002007                   | 3                                  | 43%                      | 2.53                                                | 4.20            | 2.16E-03        | 0.84 | 0.25             | 0.25              | 18                                    | 12                                           | 260       | 2.02E-01                           | 3.35E-01        | 1.73E-04        | 6.68E-02 | 2.04E-02         | 1.97E-02          |
| Tractors / Backhoes           | Diesel | 2270002021                   | 160                                | 21%                      | 0.63                                                | 1.21            | 1.77E-03        | 0.19 | 0.13             | 0.12              | 27                                    | 12                                           | 260       | 1.96E+00                           | 3.78E+00        | 5.53E-03        | 6.06E-01 | 3.95E-01         | 3.83E-01          |
| Tractors / Backhoes           | Diesel | 2270002021                   | 230                                | 21%                      | 0.52                                                | 1.09            | 1.77E-03        | 0.17 | 0.10             | 0.10              | 6                                     | 12                                           | 260       | 5.14E-01                           | 1.09E+00        | 1.77E-03        | 1.67E-01 | 1.03E-01         | 1.00E-01          |
| CLASS 14 CRANES               |        |                              |                                    |                          |                                                     |                 |                 |      |                  |                   |                                       |                                              |           |                                    |                 |                 |          |                  |                   |
| Cranes                        | Diesel | 2270002017                   | 155                                | 43%                      | 0.07                                                | 0.23            | 1.41E-03        | 0.01 | 0.02             | 0.02              | 14                                    | 12                                           | 260       | 2.33E-01                           | 7.31E-01        | 4.53E-03        | 4.26E-02 | 5.57E-02         | 5.41E-02          |
| Cranes                        | Diesel | 2270002017                   | 450                                | 43%                      | 0.13                                                | 0.57            | 1.46E-03        | 0.03 | 0.02             | 0.02              | 53                                    | 12                                           | 260       | 4.69E+00                           | 2.02E+01        | 5.15E-02        | 1.11E+00 | 8.20E-01         | 7.96E-01          |
| Cranes                        | Diesel | 2270002017                   | 550                                | 43%                      | 0.13                                                | 0.57            | 1.46E-03        | 0.03 | 0.02             | 0.02              | 39                                    | 12                                           | 260       | 4.22E+00                           | 1.81E+01        | 4.63E-02        | 1.00E+00 | 7.38E-01         | 7.16E-01          |
| CLASS 15 FORKLIFT             |        |                              |                                    |                          |                                                     |                 |                 |      |                  |                   |                                       |                                              |           |                                    |                 |                 |          |                  |                   |
| Forklifts                     | Diesel | 2270003026                   | 74                                 | 59%                      | 0.19                                                | 2.55            | 1.57E-03        | 0.05 | 0.02             | 0.02              | 27                                    | 12                                           | 260       | 7.65E-01                           | 1.03E+01        | 6.36E-03        | 2.05E-01 | 7.07E-02         | 6.86E-02          |
| CLASS 16 CONCRETE / AGGREGATE |        |                              |                                    |                          |                                                     |                 |                 |      |                  |                   |                                       |                                              |           |                                    |                 |                 |          |                  |                   |
| Pumps                         | Diesel | 2270006065                   | 58                                 | 43%                      | 1.01                                                | 3.44            | 1.75E-03        | 0.23 | 0.18             | 0.18              | 9                                     | 12                                           | 260       | 7.81E-01                           | 2.65E+00        | 1.35E-03        | 1.78E-01 | 1.40E-01         | 1.35E-01          |
| CLASS 17 AIR COMPRESSORS      |        |                              |                                    |                          |                                                     |                 |                 |      |                  |                   |                                       |                                              |           |                                    |                 |                 |          |                  |                   |
| Air Compressors               | Diesel | 2270006066                   | 5                                  | 43%                      | 2.46                                                | 4.18            | 2.16E-03        | 0.84 | 0.24             | 0.23              | 7                                     | 12                                           | 260       | 1.27E-01                           | 2.17E-01        | 1.12E-04        | 4.34E-02 | 1.24E-02         | 1.20E-02          |
| Air Compressors               | Diesel | 2270006066                   | 13                                 | 43%                      | 1.49                                                | 3.76            | 2.17E-03        | 0.35 | 0.17             | 0.17              | 6                                     | 12                                           | 260       | 1.72E-01                           | 4.34E-01        | 2.50E-04        | 4.06E-02 | 1.96E-02         | 1.90E-02          |
| Air Compressors               | Diesel | 2270006066                   | 35                                 | 43%                      | 0.28                                                | 2.53            | 1.55E-03        | 0.09 | 0.02             | 0.02              | 6                                     | 12                                           | 260       | 8.66E-02                           | 7.86E-01        | 4.83E-04        | 2.87E-02 | 6.38E-03         | 6.19E-03          |
| Air Compressors               | Diesel | 2270006066                   | 49                                 | 43%                      | 0.28                                                | 2.53            | 1.55E-03        | 0.09 | 0.02             | 0.02              | 7                                     | 12                                           | 260       | 1.41E-01                           | 1.28E+00        | 7.88E-04        | 4.69E-02 | 1.04E-02         | 1.01E-02          |
| Air Compressors               | Diesel | 2270006066                   | 75                                 | 43%                      | 0.30                                                | 1.13            | 1.61E-03        | 0.03 | 0.05             | 0.05              | 6                                     | 12                                           | 260       | 2.01E-01                           | 7.54E-01        | 1.07E-03        | 2.10E-02 | 3.46E-02         | 3.35E-02          |
| Air Compressors               | Diesel | 2270006066                   | 130                                | 43%                      | 0.13                                                | 0.47            | 1.45E-03        | 0.03 | 0.03             | 0.03              | 6                                     | 12                                           | 260       | 1.56E-01                           | 5.43E-01        | 1.67E-03        | 3.34E-02 | 3.87E-02         | 3.76E-02          |
| Air Compressors               | Diesel | 2270006066                   | 300                                | 43%                      | 0.28                                                | 1.00            | 1.52E-03        | 0.06 | 0.05             | 0.04              | 28                                    | 12                                           | 260       | 3.47E+00                           | 1.24E+01        | 1.89E-02        | 7.53E-01 | 5.73E-01         | 5.56E-01          |
| Air Compressors               | Diesel | 2270006066                   | 475                                | 43%                      | 0.28                                                | 1.00            | 1.52E-03        | 0.06 | 0.05             | 0.04              | 6                                     | 12                                           | 260       | 1.18E+00                           | 4.22E+00        | 6.40E-03        | 2.55E-01 | 1.94E-01         | 1.89E-01          |

**Table 9.B.1.7 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project  
2028 Non-Road Construction Equipment Exhaust Criteria Pollutant Emissions  
(Continued)**

| Equipment Type                                                                                                                                                      | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup><br>(hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |                 |                 |      |                  |                   | No. of Equipment/<br>Day <sup>3</sup> | Equipment Operating Duration <sup>3</sup> |           | Pollutant Emissions<br>(tons/year) |                 |                 |          |                  |                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------|------------------------------------|--------------------------|-----------------------------------------------------|-----------------|-----------------|------|------------------|-------------------|---------------------------------------|-------------------------------------------|-----------|------------------------------------|-----------------|-----------------|----------|------------------|-------------------|
|                                                                                                                                                                     |        |                              |                                    |                          | CO                                                  | NO <sub>x</sub> | SO <sub>2</sub> | VOC  | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       | Hours/Day                                 | Days/Year | CO                                 | NO <sub>x</sub> | SO <sub>2</sub> | VOC      | PM <sub>10</sub> | PM <sub>2.5</sub> |
| CLASS 55,56 SMALL CAPITAL EQUIPMENT                                                                                                                                 |        |                              |                                    |                          |                                                     |                 |                 |      |                  |                   |                                       |                                           |           |                                    |                 |                 |          |                  |                   |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 14                                 | 43%                      | 1.64                                                | 3.91            | 2.17E-03        | 0.40 | 0.20             | 0.19              | 17                                    | 12                                        | 260       | 5.77E-01                           | 1.38E+00        | 7.63E-04        | 1.42E-01 | 6.98E-02         | 6.77E-02          |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 20                                 | 43%                      | 1.64                                                | 3.91            | 2.17E-03        | 0.40 | 0.20             | 0.19              | 37                                    | 12                                        | 260       | 1.79E+00                           | 4.28E+00        | 2.37E-03        | 4.41E-01 | 2.17E-01         | 2.10E-01          |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 36                                 | 43%                      | 0.54                                                | 2.84            | 1.65E-03        | 0.16 | 0.08             | 0.07              | 9                                     | 12                                        | 260       | 2.58E-01                           | 1.36E+00        | 7.89E-04        | 7.78E-02 | 3.67E-02         | 3.56E-02          |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 100                                | 43%                      | 0.52                                                | 1.83            | 1.59E-03        | 0.15 | 0.11             | 0.11              | 9                                     | 12                                        | 260       | 6.86E-01                           | 2.44E+00        | 2.11E-03        | 2.05E-01 | 1.52E-01         | 1.48E-01          |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 270                                | 43%                      | 0.42                                                | 1.71            | 1.58E-03        | 0.14 | 0.09             | 0.09              | 9                                     | 12                                        | 260       | 1.51E+00                           | 6.15E+00        | 5.67E-03        | 5.03E-01 | 3.23E-01         | 3.13E-01          |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 2,346                              | 43%                      | 0.48                                                | 1.75            | 1.58E-03        | 0.11 | 0.07             | 0.07              | 6                                     | 12                                        | 260       | 1.01E+01                           | 3.65E+01        | 3.29E-02        | 2.21E+00 | 1.50E+00         | 1.46E+00          |
| OTHER EQUIPMENT                                                                                                                                                     |        |                              |                                    |                          |                                                     |                 |                 |      |                  |                   |                                       |                                           |           |                                    |                 |                 |          |                  |                   |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 10                                 | 43%                      | 2.45                                                | 4.18            | 2.16E-03        | 0.84 | 0.24             | 0.23              | 5                                     | 12                                        | 260       | 1.81E-01                           | 3.09E-01        | 1.60E-04        | 6.19E-02 | 1.76E-02         | 1.70E-02          |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 20                                 | 43%                      | 1.49                                                | 3.76            | 2.17E-03        | 0.35 | 0.17             | 0.16              | 21                                    | 12                                        | 260       | 9.22E-01                           | 2.34E+00        | 1.35E-03        | 2.18E-01 | 1.05E-01         | 1.02E-01          |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 22                                 | 43%                      | 1.49                                                | 3.76            | 2.17E-03        | 0.35 | 0.17             | 0.16              | 5                                     | 12                                        | 260       | 2.42E-01                           | 6.12E-01        | 3.53E-04        | 5.72E-02 | 2.76E-02         | 2.67E-02          |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 85                                 | 43%                      | 0.18                                                | 1.02            | 1.58E-03        | 0.02 | 0.03             | 0.03              | 5                                     | 12                                        | 260       | 1.13E-01                           | 6.41E-01        | 9.95E-04        | 1.24E-02 | 2.05E-02         | 1.99E-02          |
| Welders                                                                                                                                                             | Diesel | 2270006068                   | 58                                 | 21%                      | 2.30                                                | 3.60            | 2.06E-03        | 0.47 | 0.34             | 0.33              | 17                                    | 12                                        | 260       | 1.64E+00                           | 2.56E+00        | 1.47E-03        | 3.34E-01 | 2.44E-01         | 2.36E-01          |
| Total                                                                                                                                                               |        |                              |                                    |                          |                                                     |                 |                 |      |                  |                   |                                       |                                           |           | 66.07                              | 303.26          | 0.28            | 17.55    | 11.41            | 11.07             |
| 1. Based on EPA MOVES5.<br>2. EPA MOVES5 run for calendar year 2028, Cameron Parish.<br>3. Based on engineering estimates and best currently available information. |        |                              |                                    |                          |                                                     |                 |                 |      |                  |                   |                                       |                                           |           |                                    |                 |                 |          |                  |                   |

**Table 9.B.1.8 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2028 Non-Road Construction Equipment Exhaust Greenhouse Gas Emissions**  
**(Continued)**

| Equipment Type                | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup><br>(hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |                 |                               | No. of Equipment/<br>Day <sup>3</sup> | Equipment<br>Operating Duration <sup>3</sup> |           | Pollutant Emissions<br>(tons/year) |                 |                  |                                |
|-------------------------------|--------|------------------------------|------------------------------------|--------------------------|-----------------------------------------------------|-----------------|-------------------------------|---------------------------------------|----------------------------------------------|-----------|------------------------------------|-----------------|------------------|--------------------------------|
|                               |        |                              |                                    |                          | CO <sub>2</sub>                                     | CH <sub>4</sub> | N <sub>2</sub> O <sup>4</sup> |                                       | Hours/Day                                    | Days/Year | CO <sub>2</sub>                    | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e <sup>5</sup> |
| CLASS 11 EARTHMOVING          |        |                              |                                    |                          |                                                     |                 |                               |                                       |                                              |           |                                    |                 |                  |                                |
| Bore / Drill Rigs             | Diesel | 2270002014                   | 1,000                              | 43%                      | 530.38                                              | 0.01            | 0.02                          | 25                                    | 12                                           | 260       | 1.96E+04                           | 1.87E-01        | 8.26E-01         | 1.98E+04                       |
| Excavators                    | Diesel | 2270002077                   | 97                                 | 59%                      | 596.13                                              | 6.30E-04        | 0.03                          | 20                                    | 12                                           | 260       | 2.35E+03                           | 2.48E-03        | 9.88E-02         | 2.37E+03                       |
| Excavators                    | Diesel | 2270002077                   | 138                                | 59%                      | 536.80                                              | 6.55E-04        | 0.02                          | 20                                    | 12                                           | 260       | 3.01E+03                           | 3.67E-03        | 1.27E-01         | 3.04E+03                       |
| Graders                       | Diesel | 2270002078                   | 145                                | 59%                      | 536.80                                              | 7.67E-04        | 0.02                          | 7                                     | 12                                           | 260       | 1.11E+03                           | 1.58E-03        | 4.66E-02         | 1.12E+03                       |
| Skid Steer loader             | Diesel | 2270002022                   | 58                                 | 21%                      | 693.88                                              | 0.03            | 0.03                          | 7                                     | 12                                           | 260       | 2.03E+02                           | 8.67E-03        | 8.57E-03         | 2.06E+02                       |
| Tampers / Rammers             | Diesel | 2270002007                   | 3                                  | 43%                      | 587.97                                              | 0.07            | 0.02                          | 18                                    | 12                                           | 260       | 4.70E+01                           | 5.85E-03        | 1.98E-03         | 4.76E+01                       |
| Tractors / Backhoes           | Diesel | 2270002021                   | 160                                | 21%                      | 625.99                                              | 0.01            | 0.03                          | 27                                    | 12                                           | 260       | 1.95E+03                           | 3.21E-02        | 8.23E-02         | 1.98E+03                       |
| Tractors / Backhoes           | Diesel | 2270002021                   | 230                                | 21%                      | 626.06                                              | 0.01            | 0.03                          | 6                                     | 12                                           | 260       | 6.24E+02                           | 8.47E-03        | 2.63E-02         | 6.31E+02                       |
| CLASS 14 CRANES               |        |                              |                                    |                          |                                                     |                 |                               |                                       |                                              |           |                                    |                 |                  |                                |
| Cranes                        | Diesel | 2270002017                   | 155                                | 43%                      | 531.00                                              | 1.01E-03        | 0.02                          | 14                                    | 12                                           | 260       | 1.70E+03                           | 3.26E-03        | 7.18E-02         | 1.72E+03                       |
| Cranes                        | Diesel | 2270002017                   | 450                                | 43%                      | 530.95                                              | 2.05E-03        | 0.02                          | 53                                    | 12                                           | 260       | 1.87E+04                           | 7.22E-02        | 7.89E-01         | 1.89E+04                       |
| Cranes                        | Diesel | 2270002017                   | 550                                | 43%                      | 530.95                                              | 2.05E-03        | 0.02                          | 39                                    | 12                                           | 260       | 1.68E+04                           | 6.50E-02        | 7.09E-01         | 1.70E+04                       |
| CLASS 15 FORKLIFT             |        |                              |                                    |                          |                                                     |                 |                               |                                       |                                              |           |                                    |                 |                  |                                |
| Forklifts                     | Diesel | 2270003026                   | 74                                 | 59%                      | 596.00                                              | 0.01            | 0.03                          | 27                                    | 12                                           | 260       | 2.42E+03                           | 3.61E-02        | 1.02E-01         | 2.44E+03                       |
| CLASS 16 CONCRETE / AGGREGATE |        |                              |                                    |                          |                                                     |                 |                               |                                       |                                              |           |                                    |                 |                  |                                |
| Pumps                         | Diesel | 2270006065                   | 58                                 | 43%                      | 589.69                                              | 0.01            | 0.02                          | 9                                     | 12                                           | 260       | 4.55E+02                           | 9.50E-03        | 1.92E-02         | 4.61E+02                       |
| CLASS 17 AIR COMPRESSORS      |        |                              |                                    |                          |                                                     |                 |                               |                                       |                                              |           |                                    |                 |                  |                                |
| Air Compressors               | Diesel | 2270006066                   | 5                                  | 43%                      | 587.97                                              | 0.07            | 0.02                          | 7                                     | 12                                           | 260       | 3.04E+01                           | 3.82E-03        | 1.28E-03         | 3.09E+01                       |
| Air Compressors               | Diesel | 2270006066                   | 13                                 | 43%                      | 589.36                                              | 0.03            | 0.02                          | 6                                     | 12                                           | 260       | 6.80E+01                           | 3.57E-03        | 2.86E-03         | 6.88E+01                       |
| Air Compressors               | Diesel | 2270006066                   | 35                                 | 43%                      | 590.09                                              | 0.01            | 0.02                          | 6                                     | 12                                           | 260       | 1.83E+02                           | 3.85E-03        | 7.72E-03         | 1.85E+02                       |
| Air Compressors               | Diesel | 2270006066                   | 49                                 | 43%                      | 590.09                                              | 0.01            | 0.02                          | 7                                     | 12                                           | 260       | 2.99E+02                           | 6.28E-03        | 1.26E-02         | 3.03E+02                       |
| Air Compressors               | Diesel | 2270006066                   | 75                                 | 43%                      | 590.28                                              | 0.00            | 0.02                          | 6                                     | 12                                           | 260       | 3.93E+02                           | 1.71E-03        | 1.65E-02         | 3.97E+02                       |
| Air Compressors               | Diesel | 2270006066                   | 130                                | 43%                      | 530.96                                              | 2.42E-03        | 0.02                          | 6                                     | 12                                           | 260       | 6.12E+02                           | 2.79E-03        | 2.58E-02         | 6.19E+02                       |
| Air Compressors               | Diesel | 2270006066                   | 300                                | 43%                      | 530.87                                              | 0.00            | 0.02                          | 28                                    | 12                                           | 260       | 6.59E+03                           | 4.10E-02        | 2.78E-01         | 6.67E+03                       |
| Air Compressors               | Diesel | 2270006066                   | 475                                | 43%                      | 530.87                                              | 0.00            | 0.02                          | 6                                     | 12                                           | 260       | 2.24E+03                           | 1.39E-02        | 9.42E-02         | 2.26E+03                       |

**Table 9.B.1.8 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2028 Non-Road Construction Equipment Exhaust Greenhouse Gas Emissions**  
**(Continued)**

| Equipment Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup><br>(hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |                 |                               | No. of Equipment/<br>Day <sup>3</sup> | Equipment<br>Operating Duration <sup>3</sup> |           | Pollutant Emissions<br>(tons/year) |                 |                  |                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------|------------------------------------|--------------------------|-----------------------------------------------------|-----------------|-------------------------------|---------------------------------------|----------------------------------------------|-----------|------------------------------------|-----------------|------------------|--------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |                              |                                    |                          | CO <sub>2</sub>                                     | CH <sub>4</sub> | N <sub>2</sub> O <sup>4</sup> |                                       | Hours/Day                                    | Days/Year | CO <sub>2</sub>                    | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e <sup>5</sup> |
| CLASS 55,56 SMALL CAPITAL EQUIPMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |                              |                                    |                          |                                                     |                 |                               |                                       |                                              |           |                                    |                 |                  |                                |
| Generators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Diesel | 2270006064                   | 14                                 | 43%                      | 589.21                                              | 0.03            | 0.02                          | 17                                    | 12                                           | 260       | 2.07E+02                           | 1.10E-02        | 8.73E-03         | 2.10E+02                       |
| Generators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Diesel | 2270006064                   | 20                                 | 43%                      | 589.21                                              | 0.03            | 0.02                          | 37                                    | 12                                           | 260       | 6.45E+02                           | 3.42E-02        | 2.72E-02         | 6.53E+02                       |
| Generators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Diesel | 2270006064                   | 36                                 | 43%                      | 589.89                                              | 0.02            | 0.02                          | 9                                     | 12                                           | 260       | 2.83E+02                           | 7.20E-03        | 1.19E-02         | 2.86E+02                       |
| Generators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Diesel | 2270006064                   | 100                                | 43%                      | 530.60                                              | 0.01            | 0.02                          | 9                                     | 12                                           | 260       | 7.06E+02                           | 8.50E-03        | 2.97E-02         | 7.14E+02                       |
| Generators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Diesel | 2270006064                   | 270                                | 43%                      | 530.64                                              | 0.01            | 0.02                          | 9                                     | 12                                           | 260       | 1.91E+03                           | 2.05E-02        | 8.03E-02         | 1.93E+03                       |
| Generators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Diesel | 2270006064                   | 2,346                              | 43%                      | 530.74                                              | 0.00            | 0.02                          | 6                                     | 12                                           | 260       | 1.10E+04                           | 8.55E-02        | 4.65E-01         | 1.12E+04                       |
| OTHER EQUIPMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |                              |                                    |                          |                                                     |                 |                               |                                       |                                              |           |                                    |                 |                  |                                |
| Other general equipment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Diesel | 2270003028                   | 10                                 | 43%                      | 587.97                                              | 0.07            | 0.02                          | 5                                     | 12                                           | 260       | 4.35E+01                           | 5.46E-03        | 1.83E-03         | 4.41E+01                       |
| Other general equipment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Diesel | 2270003028                   | 20                                 | 43%                      | 589.36                                              | 0.03            | 0.02                          | 21                                    | 12                                           | 260       | 3.66E+02                           | 1.92E-02        | 1.54E-02         | 3.71E+02                       |
| Other general equipment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Diesel | 2270003028                   | 22                                 | 43%                      | 589.36                                              | 0.03            | 0.02                          | 5                                     | 12                                           | 260       | 9.59E+01                           | 5.04E-03        | 4.04E-03         | 9.71E+01                       |
| Other general equipment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Diesel | 2270003028                   | 85                                 | 43%                      | 590.31                                              | 1.63E-03        | 0.02                          | 5                                     | 12                                           | 260       | 3.71E+02                           | 1.02E-03        | 1.56E-02         | 3.75E+02                       |
| Welders                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Diesel | 2270006068                   | 58                                 | 21%                      | 694.63                                              | 0.02            | 0.03                          | 17                                    | 12                                           | 260       | 4.95E+02                           | 1.36E-02        | 2.08E-02         | 5.01E+02                       |
| Total                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |                              |                                    |                          |                                                     |                 |                               |                                       |                                              |           | 95626.03                           | 0.72            | 4.03             | 96713.54                       |
| 1. Based on EPA MOVES5.<br>2. EPA MOVES5 run for calendar year 2028, Cameron Parish.<br>3. Based on engineering estimates and best currently available information.<br>4. 2025 Climate Registry Default Emission Factors, Released: March 2025, Tables 2.1 and 2.7., ratioed based on CO <sub>2</sub> emission factor from EPA MOVES5.<br><a href="https://theclimateregistry.org/wp-content/uploads/2025/03/2025-Default-Emission-Factors-03-2025.pdf">https://theclimateregistry.org/wp-content/uploads/2025/03/2025-Default-Emission-Factors-03-2025.pdf</a><br>5. The global warming potentials of CO <sub>2</sub> , CH <sub>4</sub> , and N <sub>2</sub> O are assumed to be 1, 28, and 265, respectively. |        |                              |                                    |                          |                                                     |                 |                               |                                       |                                              |           |                                    |                 |                  |                                |

**Table 9.B.1.9 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2028 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions**  
**(Continued)**

| Equipment Type                | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup><br>(hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |                        |              |          | No. of Equipment/Day <sup>3</sup> | Equipment Operating Duration <sup>3</sup> |           | Pollutant Emissions<br>(tons/year) |                        |              |          |
|-------------------------------|--------|------------------------------|------------------------------------|--------------------------|-----------------------------------------------------|------------------------|--------------|----------|-----------------------------------|-------------------------------------------|-----------|------------------------------------|------------------------|--------------|----------|
|                               |        |                              |                                    |                          | 1,3-Butadiene                                       | 2,2,4-Trimethylpentane | Acetaldehyde | Acrolein |                                   | Hours/Day                                 | Days/Year | 1,3-Butadiene                      | 2,2,4-Trimethylpentane | Acetaldehyde | Acrolein |
| CLASS 11 EARTHMOVING          |        |                              |                                    |                          |                                                     |                        |              |          |                                   |                                           |           |                                    |                        |              |          |
| Bore / Drill Rigs             | Diesel | 2270002014                   | 1,000                              | 43%                      | 4.21E-04                                            | 1.72E-03               | 1.81E-02     | 5.06E-03 | 25                                | 12                                        | 260       | 1.56E-02                           | 6.37E-02               | 6.69E-01     | 1.87E-01 |
| Excavators                    | Diesel | 2270002077                   | 97                                 | 59%                      | 1.32E-05                                            | 6.17E-05               | 7.95E-04     | 1.38E-04 | 20                                | 12                                        | 260       | 5.20E-05                           | 2.43E-04               | 3.13E-03     | 5.42E-04 |
| Excavators                    | Diesel | 2270002077                   | 138                                | 59%                      | 1.31E-05                                            | 6.44E-05               | 8.17E-04     | 1.39E-04 | 20                                | 12                                        | 260       | 7.31E-05                           | 3.61E-04               | 4.58E-03     | 7.77E-04 |
| Graders                       | Diesel | 2270002078                   | 145                                | 59%                      | 1.53E-05                                            | 7.37E-05               | 9.40E-04     | 1.61E-04 | 7                                 | 12                                        | 260       | 3.14E-05                           | 1.52E-04               | 1.94E-03     | 3.31E-04 |
| Skid Steer loader             | Diesel | 2270002022                   | 58                                 | 21%                      | 1.35E-03                                            | 5.61E-03               | 6.23E-02     | 1.59E-02 | 7                                 | 12                                        | 260       | 3.97E-04                           | 1.65E-03               | 1.83E-02     | 4.67E-03 |
| Tampers / Rammers             | Diesel | 2270002007                   | 3                                  | 43%                      | 1.55E-03                                            | 6.54E-03               | 8.68E-02     | 1.56E-02 | 18                                | 12                                        | 260       | 1.24E-04                           | 5.23E-04               | 6.93E-03     | 1.25E-03 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 160                                | 21%                      | 3.58E-04                                            | 1.49E-03               | 1.76E-02     | 3.87E-03 | 27                                | 12                                        | 260       | 1.12E-03                           | 4.64E-03               | 5.50E-02     | 1.21E-02 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 230                                | 21%                      | 3.04E-04                                            | 1.27E-03               | 1.50E-02     | 3.23E-03 | 6                                 | 12                                        | 260       | 3.03E-04                           | 1.26E-03               | 1.50E-02     | 3.22E-03 |
| CLASS 14 CRANES               |        |                              |                                    |                          |                                                     |                        |              |          |                                   |                                           |           |                                    |                        |              |          |
| Cranes                        | Diesel | 2270002017                   | 155                                | 43%                      | 2.09E-05                                            | 9.71E-05               | 1.25E-03     | 2.17E-04 | 14                                | 12                                        | 260       | 6.71E-05                           | 3.12E-04               | 4.01E-03     | 6.97E-04 |
| Cranes                        | Diesel | 2270002017                   | 450                                | 43%                      | 4.97E-05                                            | 2.28E-04               | 2.86E-03     | 5.04E-04 | 53                                | 12                                        | 260       | 1.75E-03                           | 8.03E-03               | 1.01E-01     | 1.78E-02 |
| Cranes                        | Diesel | 2270002017                   | 550                                | 43%                      | 4.97E-05                                            | 2.28E-04               | 2.86E-03     | 5.04E-04 | 39                                | 12                                        | 260       | 1.58E-03                           | 7.22E-03               | 9.07E-02     | 1.60E-02 |
| CLASS 15 FORKLIFT             |        |                              |                                    |                          |                                                     |                        |              |          |                                   |                                           |           |                                    |                        |              |          |
| Forklifts                     | Diesel | 2270003026                   | 74                                 | 59%                      | 8.94E-05                                            | 3.96E-04               | 5.11E-03     | 9.07E-04 | 27                                | 12                                        | 260       | 3.63E-04                           | 1.60E-03               | 2.07E-02     | 3.68E-03 |
| CLASS 16 CONCRETE / AGGREGATE |        |                              |                                    |                          |                                                     |                        |              |          |                                   |                                           |           |                                    |                        |              |          |
| Pumps                         | Diesel | 2270006065                   | 58                                 | 43%                      | 4.25E-04                                            | 1.78E-03               | 1.98E-02     | 5.09E-03 | 9                                 | 12                                        | 260       | 3.28E-04                           | 1.37E-03               | 1.53E-02     | 3.93E-03 |
| CLASS 17 AIR COMPRESSORS      |        |                              |                                    |                          |                                                     |                        |              |          |                                   |                                           |           |                                    |                        |              |          |
| Air Compressors               | Diesel | 2270006066                   | 5                                  | 43%                      | 1.56E-03                                            | 6.56E-03               | 8.71E-02     | 1.57E-02 | 7                                 | 12                                        | 260       | 8.07E-05                           | 3.40E-04               | 4.51E-03     | 8.11E-04 |
| Air Compressors               | Diesel | 2270006066                   | 13                                 | 43%                      | 6.54E-04                                            | 2.75E-03               | 3.66E-02     | 6.58E-03 | 6                                 | 12                                        | 260       | 7.54E-05                           | 3.18E-04               | 4.22E-03     | 7.58E-04 |
| Air Compressors               | Diesel | 2270006066                   | 35                                 | 43%                      | 1.68E-04                                            | 7.25E-04               | 9.48E-03     | 1.69E-03 | 6                                 | 12                                        | 260       | 5.21E-05                           | 2.25E-04               | 2.94E-03     | 5.26E-04 |
| Air Compressors               | Diesel | 2270006066                   | 49                                 | 43%                      | 1.68E-04                                            | 7.25E-04               | 9.48E-03     | 1.69E-03 | 7                                 | 12                                        | 260       | 8.51E-05                           | 3.68E-04               | 4.81E-03     | 8.60E-04 |
| Air Compressors               | Diesel | 2270006066                   | 75                                 | 43%                      | 5.65E-05                                            | 2.41E-04               | 3.13E-03     | 5.65E-04 | 6                                 | 12                                        | 260       | 3.76E-05                           | 1.61E-04               | 2.08E-03     | 3.76E-04 |
| Air Compressors               | Diesel | 2270006066                   | 130                                | 43%                      | 5.04E-05                                            | 2.20E-04               | 2.88E-03     | 5.12E-04 | 6                                 | 12                                        | 260       | 5.82E-05                           | 2.54E-04               | 3.32E-03     | 5.90E-04 |
| Air Compressors               | Diesel | 2270006066                   | 300                                | 43%                      | 1.05E-04                                            | 4.56E-04               | 5.43E-03     | 1.17E-03 | 28                                | 12                                        | 260       | 1.31E-03                           | 5.66E-03               | 6.75E-02     | 1.45E-02 |
| Air Compressors               | Diesel | 2270006066                   | 475                                | 43%                      | 1.05E-04                                            | 4.56E-04               | 5.43E-03     | 1.17E-03 | 6                                 | 12                                        | 260       | 4.43E-04                           | 1.92E-03               | 2.29E-02     | 4.93E-03 |

**Table 9.B.1.9 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2028 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions**  
**(Continued)**

| Equipment Type                                                                                                                                                      | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup> (hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup> (g/hp-hr) |                        |              |          | No. of Equipment/Day <sup>3</sup> | Equipment Operating Duration <sup>3</sup> |           | Pollutant Emissions (tons/year) |                        |              |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------|---------------------------------|--------------------------|--------------------------------------------------|------------------------|--------------|----------|-----------------------------------|-------------------------------------------|-----------|---------------------------------|------------------------|--------------|----------|
|                                                                                                                                                                     |        |                              |                                 |                          | 1,3-Butadiene                                    | 2,2,4-Trimethylpentane | Acetaldehyde | Acrolein |                                   | Hours/Day                                 | Days/Year | 1,3-Butadiene                   | 2,2,4-Trimethylpentane | Acetaldehyde | Acrolein |
| CLASS 55,56 SMALL CAPITAL EQUIPMENT                                                                                                                                 |        |                              |                                 |                          |                                                  |                        |              |          |                                   |                                           |           |                                 |                        |              |          |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 14                              | 43%                      | 7.50E-04                                         | 3.16E-03               | 4.04E-02     | 7.99E-03 | 17                                | 12                                        | 260       | 2.64E-04                        | 1.11E-03               | 1.42E-02     | 2.81E-03 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 20                              | 43%                      | 7.50E-04                                         | 3.16E-03               | 4.04E-02     | 7.99E-03 | 37                                | 12                                        | 260       | 8.21E-04                        | 3.46E-03               | 4.42E-02     | 8.74E-03 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 36                              | 43%                      | 2.98E-04                                         | 1.28E-03               | 1.57E-02     | 3.34E-03 | 9                                 | 12                                        | 260       | 1.43E-04                        | 6.11E-04               | 7.53E-03     | 1.60E-03 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 100                             | 43%                      | 2.84E-04                                         | 1.18E-03               | 1.34E-02     | 3.35E-03 | 9                                 | 12                                        | 260       | 3.78E-04                        | 1.58E-03               | 1.78E-02     | 4.45E-03 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 270                             | 43%                      | 2.54E-04                                         | 1.07E-03               | 1.20E-02     | 2.94E-03 | 9                                 | 12                                        | 260       | 9.12E-04                        | 3.83E-03               | 4.33E-02     | 1.06E-02 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 2,346                           | 43%                      | 1.91E-04                                         | 8.16E-04               | 9.05E-03     | 2.36E-03 | 6                                 | 12                                        | 260       | 3.98E-03                        | 1.70E-02               | 1.88E-01     | 4.92E-02 |
| OTHER EQUIPMENT                                                                                                                                                     |        |                              |                                 |                          |                                                  |                        |              |          |                                   |                                           |           |                                 |                        |              |          |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 10                              | 43%                      | 1.56E-03                                         | 6.56E-03               | 8.71E-02     | 1.57E-02 | 5                                 | 12                                        | 260       | 1.15E-04                        | 4.85E-04               | 6.44E-03     | 1.16E-03 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 20                              | 43%                      | 6.54E-04                                         | 2.75E-03               | 3.66E-02     | 6.57E-03 | 21                                | 12                                        | 260       | 4.06E-04                        | 1.71E-03               | 2.27E-02     | 4.08E-03 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 22                              | 43%                      | 6.54E-04                                         | 2.75E-03               | 3.66E-02     | 6.57E-03 | 5                                 | 12                                        | 260       | 1.06E-04                        | 4.48E-04               | 5.95E-03     | 1.07E-03 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 85                              | 43%                      | 3.43E-05                                         | 1.50E-04               | 1.95E-03     | 3.47E-04 | 5                                 | 12                                        | 260       | 2.16E-05                        | 9.41E-05               | 1.22E-03     | 2.18E-04 |
| Welders                                                                                                                                                             | Diesel | 2270006068                   | 58                              | 21%                      | 8.69E-04                                         | 3.62E-03               | 3.96E-02     | 1.06E-02 | 17                                | 12                                        | 260       | 6.19E-04                        | 2.58E-03               | 2.82E-02     | 7.55E-03 |
| Total                                                                                                                                                               |        |                              |                                 |                          |                                                  |                        |              |          |                                   |                                           |           | 0.03                            | 0.13                   | 1.50         | 0.37     |
| 1. Based on EPA MOVES5.<br>2. EPA MOVES5 run for calendar year 2028, Cameron Parish.<br>3. Based on engineering estimates and best currently available information. |        |                              |                                 |                          |                                                  |                        |              |          |                                   |                                           |           |                                 |                        |              |          |

**Table 9.B.1.9- Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2028 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions**  
**(Continued)**

| Equipment Type                | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup><br>(hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |               |              |          |             | No. of<br>Equipment/Day <sup>3</sup> | Equipment<br>Operating Duration <sup>3</sup> |           | Pollutant Emissions<br>(tons/year) |               |              |          |             |
|-------------------------------|--------|------------------------------|------------------------------------|--------------------------|-----------------------------------------------------|---------------|--------------|----------|-------------|--------------------------------------|----------------------------------------------|-----------|------------------------------------|---------------|--------------|----------|-------------|
|                               |        |                              |                                    |                          | Benzene                                             | Ethyl Benzene | Formaldehyde | Hexane   | Naphthalene |                                      | Hours/Day                                    | Days/Year | Benzene                            | Ethyl Benzene | Formaldehyde | Hexane   | Naphthalene |
| CLASS 11 EARTHMOVING          |        |                              |                                    |                          |                                                     |               |              |          |             |                                      |                                              |           |                                    |               |              |          |             |
| Bore / Drill Rigs             | Diesel | 2270002014                   | 1,000                              | 43%                      | 5.72E-03                                            | 1.42E-03      | 5.09E-02     | 5.05E-04 | 7.16E-04    | 25                                   | 12                                           | 260       | 2.11E-01                           | 5.25E-02      | 1.88E+00     | 1.87E-02 | 2.65E-02    |
| Excavators                    | Diesel | 2270002077                   | 97                                 | 59%                      | 3.84E-04                                            | 4.69E-05      | 2.11E-03     | 1.24E-06 | 3.38E-05    | 20                                   | 12                                           | 260       | 1.51E-03                           | 1.85E-04      | 8.31E-03     | 4.87E-06 | 1.33E-04    |
| Excavators                    | Diesel | 2270002077                   | 138                                | 59%                      | 3.79E-04                                            | 5.52E-05      | 2.11E-03     | 2.05E-06 | 3.43E-05    | 20                                   | 12                                           | 260       | 2.12E-03                           | 3.09E-04      | 1.18E-02     | 1.15E-05 | 1.92E-04    |
| Graders                       | Diesel | 2270002078                   | 145                                | 59%                      | 4.44E-04                                            | 6.01E-05      | 2.45E-03     | 2.06E-06 | 3.99E-05    | 7                                    | 12                                           | 260       | 9.14E-04                           | 1.24E-04      | 5.06E-03     | 4.25E-06 | 8.21E-05    |
| Skid Steer loader             | Diesel | 2270002022                   | 58                                 | 21%                      | 2.32E-02                                            | 4.37E-03      | 1.75E-01     | 1.25E-03 | 2.60E-03    | 7                                    | 12                                           | 260       | 6.82E-03                           | 1.28E-03      | 5.14E-02     | 3.66E-04 | 7.61E-04    |
| Tampers / Rammers             | Diesel | 2270002007                   | 3                                  | 43%                      | 4.51E-02                                            | 3.67E-03      | 2.44E-01     | 1.42E-05 | 3.87E-03    | 18                                   | 12                                           | 260       | 3.60E-03                           | 2.93E-04      | 1.95E-02     | 1.14E-06 | 3.09E-04    |
| Tractors / Backhoes           | Diesel | 2270002021                   | 160                                | 21%                      | 7.44E-03                                            | 1.01E-03      | 4.95E-02     | 2.38E-04 | 7.38E-04    | 27                                   | 12                                           | 260       | 2.32E-02                           | 3.17E-03      | 1.54E-01     | 7.43E-04 | 2.30E-03    |
| Tractors / Backhoes           | Diesel | 2270002021                   | 230                                | 21%                      | 6.21E-03                                            | 8.72E-04      | 4.18E-02     | 2.17E-04 | 6.18E-04    | 6                                    | 12                                           | 260       | 6.19E-03                           | 8.69E-04      | 4.17E-02     | 2.17E-04 | 6.16E-04    |
| CLASS 14 CRANES               |        |                              |                                    |                          |                                                     |               |              |          |             |                                      |                                              |           |                                    |               |              |          |             |
| Cranes                        | Diesel | 2270002017                   | 155                                | 43%                      | 6.03E-04                                            | 7.29E-05      | 3.33E-03     | 2.36E-06 | 5.35E-05    | 14                                   | 12                                           | 260       | 1.94E-03                           | 2.34E-04      | 1.07E-02     | 7.56E-06 | 1.72E-04    |
| Cranes                        | Diesel | 2270002017                   | 450                                | 43%                      | 1.30E-03                                            | 1.71E-04      | 7.61E-03     | 1.72E-05 | 1.18E-04    | 53                                   | 12                                           | 260       | 4.58E-02                           | 6.02E-03      | 2.68E-01     | 6.06E-04 | 4.16E-03    |
| Cranes                        | Diesel | 2270002017                   | 550                                | 43%                      | 1.30E-03                                            | 1.71E-04      | 7.61E-03     | 1.72E-05 | 1.18E-04    | 39                                   | 12                                           | 260       | 4.12E-02                           | 5.41E-03      | 2.41E-01     | 5.45E-04 | 3.75E-03    |
| CLASS 15 FORKLIFT             |        |                              |                                    |                          |                                                     |               |              |          |             |                                      |                                              |           |                                    |               |              |          |             |
| Forklifts                     | Diesel | 2270003026                   | 74                                 | 59%                      | 2.56E-03                                            | 2.30E-04      | 1.44E-02     | 2.34E-05 | 2.85E-04    | 27                                   | 12                                           | 260       | 1.04E-02                           | 9.31E-04      | 5.85E-02     | 9.50E-05 | 1.16E-03    |
| CLASS 16 CONCRETE / AGGREGATE |        |                              |                                    |                          |                                                     |               |              |          |             |                                      |                                              |           |                                    |               |              |          |             |
| Pumps                         | Diesel | 2270006065                   | 58                                 | 43%                      | 7.56E-03                                            | 1.41E-03      | 5.57E-02     | 3.74E-04 | 8.67E-04    | 9                                    | 12                                           | 260       | 5.84E-03                           | 1.09E-03      | 4.30E-02     | 2.88E-04 | 6.69E-04    |
| CLASS 17 AIR COMPRESSORS      |        |                              |                                    |                          |                                                     |               |              |          |             |                                      |                                              |           |                                    |               |              |          |             |
| Air Compressors               | Diesel | 2270006066                   | 5                                  | 43%                      | 4.53E-02                                            | 3.67E-03      | 2.45E-01     | 0.00E+00 | 3.89E-03    | 7                                    | 12                                           | 260       | 2.35E-03                           | 1.90E-04      | 1.27E-02     | 0.00E+00 | 2.01E-04    |
| Air Compressors               | Diesel | 2270006066                   | 13                                 | 43%                      | 1.90E-02                                            | 1.54E-03      | 1.03E-01     | 0.00E+00 | 1.63E-03    | 6                                    | 12                                           | 260       | 2.19E-03                           | 1.78E-04      | 1.18E-02     | 0.00E+00 | 1.88E-04    |
| Air Compressors               | Diesel | 2270006066                   | 35                                 | 43%                      | 4.84E-03                                            | 4.13E-04      | 2.67E-02     | 2.23E-05 | 4.77E-04    | 6                                    | 12                                           | 260       | 1.50E-03                           | 1.28E-04      | 8.30E-03     | 6.92E-06 | 1.48E-04    |
| Air Compressors               | Diesel | 2270006066                   | 49                                 | 43%                      | 4.84E-03                                            | 4.13E-04      | 2.67E-02     | 2.23E-05 | 4.77E-04    | 7                                    | 12                                           | 260       | 2.45E-03                           | 2.10E-04      | 1.36E-02     | 1.13E-05 | 2.42E-04    |
| Air Compressors               | Diesel | 2270006066                   | 75                                 | 43%                      | 1.55E-03                                            | 1.45E-04      | 8.71E-03     | 9.98E-06 | 1.37E-04    | 6                                    | 12                                           | 260       | 1.03E-03                           | 9.65E-05      | 5.79E-03     | 6.64E-06 | 9.13E-05    |
| Air Compressors               | Diesel | 2270006066                   | 130                                | 43%                      | 1.44E-03                                            | 1.40E-04      | 7.92E-03     | 4.15E-06 | 1.26E-04    | 6                                    | 12                                           | 260       | 1.66E-03                           | 1.61E-04      | 9.13E-03     | 4.78E-06 | 1.46E-04    |
| Air Compressors               | Diesel | 2270006066                   | 300                                | 43%                      | 2.32E-03                                            | 3.46E-04      | 1.49E-02     | 6.07E-05 | 2.27E-04    | 28                                   | 12                                           | 260       | 2.88E-02                           | 4.30E-03      | 1.85E-01     | 7.54E-04 | 2.82E-03    |
| Air Compressors               | Diesel | 2270006066                   | 475                                | 43%                      | 2.32E-03                                            | 3.46E-04      | 1.49E-02     | 6.07E-05 | 2.27E-04    | 6                                    | 12                                           | 260       | 9.76E-03                           | 1.46E-03      | 6.27E-02     | 2.56E-04 | 9.57E-04    |

**Table 9.B.1.9- Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2028 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions**  
**(Continued)**

| Equipment Type                                                                                                                                                      | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup><br>(hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |               |              |          |             | No. of<br>Equipment/Day <sup>3</sup> | Equipment<br>Operating Duration <sup>3</sup> |           | Pollutant Emissions<br>(tons/year) |               |              |             |             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------|------------------------------------|--------------------------|-----------------------------------------------------|---------------|--------------|----------|-------------|--------------------------------------|----------------------------------------------|-----------|------------------------------------|---------------|--------------|-------------|-------------|
|                                                                                                                                                                     |        |                              |                                    |                          | Benzene                                             | Ethyl Benzene | Formaldehyde | Hexane   | Naphthalene |                                      | Hours/Day                                    | Days/Year | Benzene                            | Ethyl Benzene | Formaldehyde | Hexane      | Naphthalene |
| CLASS 55,56 SMALL CAPITAL EQUIPMENT                                                                                                                                 |        |                              |                                    |                          |                                                     |               |              |          |             |                                      |                                              |           |                                    |               |              |             |             |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 14                                 | 43%                      | 2.00E-02                                            | 1.97E-03      | 1.13E-01     | 1.29E-04 | 1.79E-03    | 17                                   | 12                                           | 260       | 7.04E-03                           | 6.94E-04      | 3.99E-02     | 4.55E-05    | 6.29E-04    |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 20                                 | 43%                      | 2.00E-02                                            | 1.97E-03      | 1.13E-01     | 1.29E-04 | 1.79E-03    | 37                                   | 12                                           | 260       | 2.19E-02                           | 2.16E-03      | 1.24E-01     | 1.41E-04    | 1.96E-03    |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 36                                 | 43%                      | 7.40E-03                                            | 8.69E-04      | 4.42E-02     | 1.06E-04 | 7.39E-04    | 9                                    | 12                                           | 260       | 3.55E-03                           | 4.17E-04      | 2.12E-02     | 5.09E-05    | 3.54E-04    |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 100                                | 43%                      | 5.18E-03                                            | 9.25E-04      | 3.74E-02     | 2.34E-04 | 5.56E-04    | 9                                    | 12                                           | 260       | 6.89E-03                           | 1.23E-03      | 4.97E-02     | 3.11E-04    | 7.40E-04    |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 270                                | 43%                      | 4.62E-03                                            | 8.32E-04      | 3.35E-02     | 2.16E-04 | 4.95E-04    | 9                                    | 12                                           | 260       | 1.66E-02                           | 2.99E-03      | 1.20E-01     | 7.77E-04    | 1.78E-03    |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 2,346                              | 43%                      | 3.43E-03                                            | 6.93E-04      | 2.51E-02     | 1.60E-04 | 3.77E-04    | 6                                    | 12                                           | 260       | 7.15E-02                           | 1.44E-02      | 5.22E-01     | 3.32E-03    | 7.85E-03    |
| OTHER EQUIPMENT                                                                                                                                                     |        |                              |                                    |                          |                                                     |               |              |          |             |                                      |                                              |           |                                    |               |              |             |             |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 10                                 | 43%                      | 4.53E-02                                            | 3.67E-03      | 2.45E-01     | 0.00E+00 | 3.89E-03    | 5                                    | 12                                           | 260       | 3.35E-03                           | 2.71E-04      | 1.81E-02     | 0.00E+00    | 2.87E-04    |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 20                                 | 43%                      | 1.90E-02                                            | 1.54E-03      | 1.03E-01     | 0.00E+00 | 1.63E-03    | 21                                   | 12                                           | 260       | 1.18E-02                           | 9.56E-04      | 6.37E-02     | 0.00E+00    | 1.01E-03    |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 22                                 | 43%                      | 1.90E-02                                            | 1.54E-03      | 1.03E-01     | 0.00E+00 | 1.63E-03    | 5                                    | 12                                           | 260       | 3.09E-03                           | 2.50E-04      | 1.67E-02     | 0.00E+00    | 2.65E-04    |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 85                                 | 43%                      | 9.64E-04                                            | 9.50E-05      | 5.36E-03     | 4.45E-06 | 8.53E-05    | 5                                    | 12                                           | 260       | 6.06E-04                           | 5.97E-05      | 3.37E-03     | 2.80E-06    | 5.36E-05    |
| Welders                                                                                                                                                             | Diesel | 2270006068                   | 58                                 | 21%                      | 1.43E-02                                            | 2.97E-03      | 1.11E-01     | 8.35E-04 | 1.67E-03    | 17                                   | 12                                           | 260       | 1.02E-02                           | 2.11E-03      | 7.91E-02     | 5.95E-04    | 1.19E-03    |
| <b>Total</b>                                                                                                                                                        |        |                              |                                    |                          |                                                     |               |              |          |             |                                      |                                              |           | <b>0.57</b>                        | <b>0.10</b>   | <b>4.16</b>  | <b>0.03</b> | <b>0.06</b> |
| 1. Based on EPA MOVES5.<br>2. EPA MOVES5 run for calendar year 2028, Cameron Parish.<br>3. Based on engineering estimates and best currently available information. |        |                              |                                    |                          |                                                     |               |              |          |             |                                      |                                              |           |                                    |               |              |             |             |

**Table 9.B.9 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2028 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions**  
**(Continued)**

| Equipment Type                | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup><br>(hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |                 |          |          | No. of<br>Equipment/Day <sup>3</sup> | Equipment<br>Operating Duration <sup>3</sup> |           | Pollutant Emissions<br>(tons/year) |                 |          |          |
|-------------------------------|--------|------------------------------|------------------------------------|--------------------------|-----------------------------------------------------|-----------------|----------|----------|--------------------------------------|----------------------------------------------|-----------|------------------------------------|-----------------|----------|----------|
|                               |        |                              |                                    |                          | PAH                                                 | Propionaldehyde | Toluene  | Xylenes  |                                      | Hours/Day                                    | Days/Year | PAH                                | Propionaldehyde | Toluene  | Xylenes  |
| CLASS 11 EARTHMOVING          |        |                              |                                    |                          |                                                     |                 |          |          |                                      |                                              |           |                                    |                 |          |          |
| Bore / Drill Rigs             | Diesel | 2270002014                   | 1,000                              | 43%                      | 9.04E-04                                            | 5.92E-03        | 4.44E-03 | 4.17E-03 | 25                                   | 12                                           | 260       | 3.34E-02                           | 2.19E-01        | 1.64E-01 | 1.54E-01 |
| Excavators                    | Diesel | 2270002077                   | 97                                 | 59%                      | 3.85E-05                                            | 1.60E-04        | 2.93E-04 | 1.97E-04 | 20                                   | 12                                           | 260       | 1.52E-04                           | 6.31E-04        | 1.15E-03 | 7.75E-04 |
| Excavators                    | Diesel | 2270002077                   | 138                                | 59%                      | 3.69E-05                                            | 1.60E-04        | 3.04E-04 | 2.58E-04 | 20                                   | 12                                           | 260       | 2.06E-04                           | 8.97E-04        | 1.70E-03 | 1.45E-03 |
| Graders                       | Diesel | 2270002078                   | 145                                | 59%                      | 4.31E-05                                            | 1.86E-04        | 3.48E-04 | 2.70E-04 | 7                                    | 12                                           | 260       | 8.87E-05                           | 3.84E-04        | 7.17E-04 | 5.56E-04 |
| Skid Steer loader             | Diesel | 2270002022                   | 58                                 | 21%                      | 3.09E-03                                            | 1.78E-02        | 1.73E-02 | 1.24E-02 | 7                                    | 12                                           | 260       | 9.06E-04                           | 5.23E-03        | 5.06E-03 | 3.65E-03 |
| Tampers / Rammers             | Diesel | 2270002007                   | 3                                  | 43%                      | 3.72E-03                                            | 1.84E-02        | 3.15E-02 | 9.74E-03 | 18                                   | 12                                           | 260       | 2.97E-04                           | 1.47E-03        | 2.52E-03 | 7.77E-04 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 160                                | 21%                      | 8.04E-04                                            | 4.88E-03        | 5.50E-03 | 3.04E-03 | 27                                   | 12                                           | 260       | 2.51E-03                           | 1.52E-02        | 1.72E-02 | 9.48E-03 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 230                                | 21%                      | 6.65E-04                                            | 4.31E-03        | 4.69E-03 | 2.82E-03 | 6                                    | 12                                           | 260       | 6.63E-04                           | 4.29E-03        | 4.68E-03 | 2.81E-03 |
| CLASS 14 CRANES               |        |                              |                                    |                          |                                                     |                 |          |          |                                      |                                              |           |                                    |                 |          |          |
| Cranes                        | Diesel | 2270002017                   | 155                                | 43%                      | 5.72E-05                                            | 2.55E-04        | 4.60E-04 | 3.03E-04 | 14                                   | 12                                           | 260       | 1.83E-04                           | 8.19E-04        | 1.48E-03 | 9.73E-04 |
| Cranes                        | Diesel | 2270002017                   | 450                                | 43%                      | 1.18E-04                                            | 6.78E-04        | 1.02E-03 | 7.39E-04 | 53                                   | 12                                           | 260       | 4.18E-03                           | 2.39E-02        | 3.61E-02 | 2.61E-02 |
| Cranes                        | Diesel | 2270002017                   | 550                                | 43%                      | 1.18E-04                                            | 6.78E-04        | 1.02E-03 | 7.39E-04 | 39                                   | 12                                           | 260       | 3.76E-03                           | 2.15E-02        | 3.24E-02 | 2.35E-02 |
| CLASS 15 FORKLIFT             |        |                              |                                    |                          |                                                     |                 |          |          |                                      |                                              |           |                                    |                 |          |          |
| Forklifts                     | Diesel | 2270003026                   | 74                                 | 59%                      | 2.13E-04                                            | 1.03E-03        | 1.88E-03 | 7.01E-04 | 27                                   | 12                                           | 260       | 8.65E-04                           | 4.18E-03        | 7.61E-03 | 2.84E-03 |
| CLASS 16 CONCRETE / AGGREGATE |        |                              |                                    |                          |                                                     |                 |          |          |                                      |                                              |           |                                    |                 |          |          |
| Pumps                         | Diesel | 2270006065                   | 58                                 | 43%                      | 1.01E-03                                            | 5.31E-03        | 5.56E-03 | 3.96E-03 | 9                                    | 12                                           | 260       | 7.79E-04                           | 4.10E-03        | 4.29E-03 | 3.05E-03 |
| CLASS 17 AIR COMPRESSORS      |        |                              |                                    |                          |                                                     |                 |          |          |                                      |                                              |           |                                    |                 |          |          |
| Air Compressors               | Diesel | 2270006066                   | 5                                  | 43%                      | 3.72E-03                                            | 1.84E-02        | 3.17E-02 | 9.72E-03 | 7                                    | 12                                           | 260       | 1.93E-04                           | 9.54E-04        | 1.64E-03 | 5.03E-04 |
| Air Compressors               | Diesel | 2270006066                   | 13                                 | 43%                      | 1.60E-03                                            | 7.74E-03        | 1.33E-02 | 4.08E-03 | 6                                    | 12                                           | 260       | 1.84E-04                           | 8.92E-04        | 1.53E-03 | 4.70E-04 |
| Air Compressors               | Diesel | 2270006066                   | 35                                 | 43%                      | 3.96E-04                                            | 1.96E-03        | 3.47E-03 | 1.18E-03 | 6                                    | 12                                           | 260       | 1.23E-04                           | 6.08E-04        | 1.08E-03 | 3.67E-04 |
| Air Compressors               | Diesel | 2270006066                   | 49                                 | 43%                      | 3.96E-04                                            | 1.96E-03        | 3.47E-03 | 1.18E-03 | 7                                    | 12                                           | 260       | 2.01E-04                           | 9.93E-04        | 1.76E-03 | 6.00E-04 |
| Air Compressors               | Diesel | 2270006066                   | 75                                 | 43%                      | 1.52E-04                                            | 7.22E-04        | 1.12E-03 | 4.66E-04 | 6                                    | 12                                           | 260       | 1.01E-04                           | 4.81E-04        | 7.46E-04 | 3.10E-04 |
| Air Compressors               | Diesel | 2270006066                   | 130                                | 43%                      | 1.32E-04                                            | 6.14E-04        | 1.05E-03 | 4.74E-04 | 6                                    | 12                                           | 260       | 1.53E-04                           | 7.08E-04        | 1.21E-03 | 5.46E-04 |
| Air Compressors               | Diesel | 2270006066                   | 300                                | 43%                      | 2.51E-04                                            | 1.35E-03        | 1.74E-03 | 1.18E-03 | 28                                   | 12                                           | 260       | 3.11E-03                           | 1.68E-02        | 2.16E-02 | 1.47E-02 |
| Air Compressors               | Diesel | 2270006066                   | 475                                | 43%                      | 2.51E-04                                            | 1.35E-03        | 1.74E-03 | 1.18E-03 | 6                                    | 12                                           | 260       | 1.06E-03                           | 5.70E-03        | 7.34E-03 | 4.97E-03 |

**Table 9.B.9 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2028 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions**  
**(Continued)**

| Equipment Type                                                                                                                                                      | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup><br>(hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |                 |          |          | No. of<br>Equipment/Day <sup>3</sup> | Equipment<br>Operating Duration <sup>3</sup> |           | Pollutant Emissions<br>(tons/year) |                 |          |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------|------------------------------------|--------------------------|-----------------------------------------------------|-----------------|----------|----------|--------------------------------------|----------------------------------------------|-----------|------------------------------------|-----------------|----------|----------|
|                                                                                                                                                                     |        |                              |                                    |                          | PAH                                                 | Propionaldehyde | Toluene  | Xylenes  |                                      | Hours/Day                                    | Days/Year | PAH                                | Propionaldehyde | Toluene  | Xylenes  |
| CLASS 55,56 SMALL CAPITAL EQUIPMENT                                                                                                                                 |        |                              |                                    |                          |                                                     |                 |          |          |                                      |                                              |           |                                    |                 |          |          |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 14                                 | 43%                      | 1.83E-03                                            | 8.74E-03        | 1.40E-02 | 5.19E-03 | 17                                   | 12                                           | 260       | 6.44E-04                           | 3.07E-03        | 4.92E-03 | 1.83E-03 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 20                                 | 43%                      | 1.83E-03                                            | 8.74E-03        | 1.40E-02 | 5.19E-03 | 37                                   | 12                                           | 260       | 2.00E-03                           | 9.56E-03        | 1.53E-02 | 5.68E-03 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 36                                 | 43%                      | 7.26E-04                                            | 3.37E-03        | 5.23E-03 | 2.34E-03 | 9                                    | 12                                           | 260       | 3.48E-04                           | 1.61E-03        | 2.51E-03 | 1.12E-03 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 100                                | 43%                      | 6.64E-04                                            | 3.62E-03        | 3.80E-03 | 2.65E-03 | 9                                    | 12                                           | 260       | 8.84E-04                           | 4.82E-03        | 5.06E-03 | 3.53E-03 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 270                                | 43%                      | 5.77E-04                                            | 3.36E-03        | 3.47E-03 | 2.55E-03 | 9                                    | 12                                           | 260       | 2.07E-03                           | 1.21E-02        | 1.25E-02 | 9.16E-03 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 2,346                              | 43%                      | 4.59E-04                                            | 2.30E-03        | 2.53E-03 | 2.06E-03 | 6                                    | 12                                           | 260       | 9.56E-03                           | 4.78E-02        | 5.26E-02 | 4.28E-02 |
| OTHER EQUIPMENT                                                                                                                                                     |        |                              |                                    |                          |                                                     |                 |          |          |                                      |                                              |           |                                    |                 |          |          |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 10                                 | 43%                      | 3.72E-03                                            | 1.84E-02        | 3.17E-02 | 9.71E-03 | 5                                    | 12                                           | 260       | 2.75E-04                           | 1.36E-03        | 2.34E-03 | 7.18E-04 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 20                                 | 43%                      | 1.60E-03                                            | 7.73E-03        | 1.33E-02 | 4.08E-03 | 21                                   | 12                                           | 260       | 9.92E-04                           | 4.80E-03        | 8.25E-03 | 2.53E-03 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 22                                 | 43%                      | 1.60E-03                                            | 7.73E-03        | 1.33E-02 | 4.08E-03 | 5                                    | 12                                           | 260       | 2.60E-04                           | 1.26E-03        | 2.16E-03 | 6.63E-04 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 85                                 | 43%                      | 9.45E-05                                            | 4.27E-04        | 7.04E-04 | 3.26E-04 | 5                                    | 12                                           | 260       | 5.94E-05                           | 2.68E-04        | 4.42E-04 | 2.05E-04 |
| Welders                                                                                                                                                             | Diesel | 2270006068                   | 58                                 | 21%                      | 2.03E-03                                            | 1.10E-02        | 1.06E-02 | 8.29E-03 | 17                                   | 12                                           | 260       | 1.44E-03                           | 7.81E-03        | 7.53E-03 | 5.90E-03 |
| Total                                                                                                                                                               |        |                              |                                    |                          |                                                     |                 |          |          |                                      |                                              |           | 0.07                               | 0.42            | 0.43     | 0.33     |
| 1. Based on EPA MOVES5.<br>2. EPA MOVES5 run for calendar year 2028, Cameron Parish.<br>3. Based on engineering estimates and best currently available information. |        |                              |                                    |                          |                                                     |                 |          |          |                                      |                                              |           |                                    |                 |          |          |

**Table 9.B.9 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2028 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions**  
**(Continued)**

| Equipment Type                | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup><br>(hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |             |           |            |          | No. of<br>Equipment/D<br>ay <sup>3</sup> | Equipment<br>Operating Duration <sup>3</sup> |           | Pollutant Emissions<br>(tons/year) |                |           |          |          |
|-------------------------------|--------|------------------------------|------------------------------------|--------------------------|-----------------------------------------------------|-------------|-----------|------------|----------|------------------------------------------|----------------------------------------------|-----------|------------------------------------|----------------|-----------|----------|----------|
|                               |        |                              |                                    |                          | Arsenic                                             | Chromium VI | Manganese | Mercury    | Nickel   |                                          | Hours/Day                                    | Days/Year | Arsenic                            | Chromium<br>VI | Manganese | Mercury  | Nickel   |
| CLASS 11 EARTHMOVING          |        |                              |                                    |                          |                                                     |             |           |            |          |                                          |                                              |           |                                    |                |           |          |          |
| Bore / Drill Rigs             | Diesel | 2270002014                   | 1,000                              | 43%                      | 8.32E-07                                            | 4.02E-09    | 1.79E-06  | 1.11E-08   | 3.12E-06 | 25                                       | 12                                           | 260       | 3.08E-05                           | 1.48E-07       | 6.60E-05  | 4.09E-07 | 1.15E-04 |
| Excavators                    | Diesel | 2270002077                   | 97                                 | 59%                      | 9.34E-07                                            | 2.86E-09    | 1.01E-06  | 1.2418E-08 | 1.70E-06 | 20                                       | 12                                           | 260       | 3.68E-06                           | 1.12E-08       | 3.98E-06  | 4.89E-08 | 6.68E-06 |
| Excavators                    | Diesel | 2270002077                   | 138                                | 59%                      | 8.41E-07                                            | 3.28E-09    | 1.41E-06  | 1.1182E-08 | 2.45E-06 | 20                                       | 12                                           | 260       | 4.71E-06                           | 1.84E-08       | 7.87E-06  | 6.26E-08 | 1.37E-05 |
| Graders                       | Diesel | 2270002078                   | 145                                | 59%                      | 8.41E-07                                            | 3.28E-09    | 1.40E-06  | 1.1182E-08 | 2.44E-06 | 7                                        | 12                                           | 260       | 1.73E-06                           | 6.76E-09       | 2.89E-06  | 2.30E-08 | 5.03E-06 |
| Skid Steer loader             | Diesel | 2270002022                   | 58                                 | 21%                      | 1.09E-06                                            | 4.55E-09    | 1.86E-06  | 1.4498E-08 | 3.21E-06 | 7                                        | 12                                           | 260       | 3.20E-07                           | 1.33E-09       | 5.46E-07  | 4.25E-09 | 9.41E-07 |
| Tampers / Rammers             | Diesel | 2270002007                   | 3                                  | 43%                      | 9.25E-07                                            | 4.47E-09    | 1.99E-06  | 1.2297E-08 | 3.48E-06 | 18                                       | 12                                           | 260       | 7.39E-08                           | 3.57E-10       | 1.59E-07  | 9.82E-10 | 2.78E-07 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 160                                | 21%                      | 9.82E-07                                            | 4.00E-09    | 1.73E-06  | 1.3051E-08 | 3.02E-06 | 27                                       | 12                                           | 260       | 3.06E-06                           | 1.25E-08       | 5.40E-06  | 4.07E-08 | 9.41E-06 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 230                                | 21%                      | 9.82E-07                                            | 2.93E-09    | 1.20E-06  | 1.3051E-08 | 2.08E-06 | 6                                        | 12                                           | 260       | 9.79E-07                           | 2.93E-09       | 1.19E-06  | 1.30E-08 | 2.07E-06 |
| CLASS 14 CRANES               |        |                              |                                    |                          |                                                     |             |           |            |          |                                          |                                              |           |                                    |                |           |          |          |
| Cranes                        | Diesel | 2270002017                   | 155                                | 43%                      | 8.32E-07                                            | 3.27E-09    | 1.40E-06  | 1.1062E-08 | 2.44E-06 | 14                                       | 12                                           | 260       | 2.67E-06                           | 1.05E-08       | 4.50E-06  | 3.55E-08 | 7.84E-06 |
| Cranes                        | Diesel | 2270002017                   | 450                                | 43%                      | 8.32E-07                                            | 2.34E-09    | 9.39E-07  | 1.1062E-08 | 1.63E-06 | 53                                       | 12                                           | 260       | 2.94E-05                           | 8.25E-08       | 3.31E-05  | 3.90E-07 | 5.74E-05 |
| Cranes                        | Diesel | 2270002017                   | 550                                | 43%                      | 8.32E-07                                            | 2.34E-09    | 9.39E-07  | 1.1062E-08 | 1.63E-06 | 39                                       | 12                                           | 260       | 2.64E-05                           | 7.42E-08       | 2.98E-05  | 3.51E-07 | 5.17E-05 |
| CLASS 15 FORKLIFT             |        |                              |                                    |                          |                                                     |             |           |            |          |                                          |                                              |           |                                    |                |           |          |          |
| Forklifts                     | Diesel | 2270003026                   | 74                                 | 59%                      | 9.34E-07                                            | 3.32E-09    | 1.21E-06  | 1.2418E-08 | 2.05E-06 | 27                                       | 12                                           | 260       | 3.79E-06                           | 1.35E-08       | 4.92E-06  | 5.03E-08 | 8.29E-06 |
| CLASS 16 CONCRETE / AGGREGATE |        |                              |                                    |                          |                                                     |             |           |            |          |                                          |                                              |           |                                    |                |           |          |          |
| Pumps                         | Diesel | 2270006065                   | 58                                 | 43%                      | 9.25E-07                                            | 3.65E-09    | 1.44E-06  | 1.2297E-08 | 2.47E-06 | 9                                        | 12                                           | 260       | 7.14E-07                           | 2.82E-09       | 1.11E-06  | 9.49E-09 | 1.91E-06 |
| CLASS 17 AIR COMPRESSORS      |        |                              |                                    |                          |                                                     |             |           |            |          |                                          |                                              |           |                                    |                |           |          |          |
| Air Compressors               | Diesel | 2270006066                   | 5                                  | 43%                      | 9.25E-07                                            | 4.47E-09    | 1.99E-06  | 1.2297E-08 | 3.48E-06 | 7                                        | 12                                           | 260       | 4.79E-08                           | 2.31E-10       | 1.03E-07  | 6.37E-10 | 1.80E-07 |
| Air Compressors               | Diesel | 2270006066                   | 13                                 | 43%                      | 9.25E-07                                            | 4.47E-09    | 1.99E-06  | 1.2297E-08 | 3.48E-06 | 6                                        | 12                                           | 260       | 1.07E-07                           | 5.16E-10       | 2.29E-07  | 1.42E-09 | 4.01E-07 |
| Air Compressors               | Diesel | 2270006066                   | 35                                 | 43%                      | 9.25E-07                                            | 3.35E-09    | 1.24E-06  | 1.2297E-08 | 2.10E-06 | 6                                        | 12                                           | 260       | 2.87E-07                           | 1.04E-09       | 3.86E-07  | 3.82E-09 | 6.51E-07 |
| Air Compressors               | Diesel | 2270006066                   | 49                                 | 43%                      | 9.25E-07                                            | 3.35E-09    | 1.24E-06  | 1.2297E-08 | 2.10E-06 | 7                                        | 12                                           | 260       | 4.69E-07                           | 1.70E-09       | 6.30E-07  | 6.24E-09 | 1.06E-06 |
| Air Compressors               | Diesel | 2270006066                   | 75                                 | 43%                      | 9.25E-07                                            | 3.01E-09    | 1.11E-06  | 1.2297E-08 | 1.87E-06 | 6                                        | 12                                           | 260       | 6.16E-07                           | 2.01E-09       | 7.37E-07  | 8.18E-09 | 1.25E-06 |
| Air Compressors               | Diesel | 2270006066                   | 130                                | 43%                      | 8.32E-07                                            | 3.28E-09    | 1.40E-06  | 1.1062E-08 | 2.43E-06 | 6                                        | 12                                           | 260       | 9.60E-07                           | 3.79E-09       | 1.61E-06  | 1.28E-08 | 2.81E-06 |
| Air Compressors               | Diesel | 2270006066                   | 300                                | 43%                      | 8.32E-07                                            | 2.58E-09    | 1.06E-06  | 1.1062E-08 | 1.84E-06 | 28                                       | 12                                           | 260       | 1.03E-05                           | 3.21E-08       | 1.32E-05  | 1.37E-07 | 2.29E-05 |
| Air Compressors               | Diesel | 2270006066                   | 475                                | 43%                      | 8.32E-07                                            | 2.58E-09    | 1.06E-06  | 1.1062E-08 | 1.84E-06 | 6                                        | 12                                           | 260       | 3.51E-06                           | 1.09E-08       | 4.47E-06  | 4.66E-08 | 7.77E-06 |

**Table 9.B.9 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2028 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions**  
**(Continued)**

| Equipment Type                                                                                                                                                      | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup><br>(hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |             |           |            |          | No. of<br>Equipment/D<br>ay <sup>3</sup> | Equipment<br>Operating Duration <sup>3</sup> |           | Pollutant Emissions<br>(tons/year) |                |           |          |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------|------------------------------------|--------------------------|-----------------------------------------------------|-------------|-----------|------------|----------|------------------------------------------|----------------------------------------------|-----------|------------------------------------|----------------|-----------|----------|----------|
|                                                                                                                                                                     |        |                              |                                    |                          | Arsenic                                             | Chromium VI | Manganese | Mercury    | Nickel   |                                          | Hours/Day                                    | Days/Year | Arsenic                            | Chromium<br>VI | Manganese | Mercury  | Nickel   |
| CLASS 55,56 SMALL CAPITAL EQUIPMENT                                                                                                                                 |        |                              |                                    |                          |                                                     |             |           |            |          |                                          |                                              |           |                                    |                |           |          |          |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 14                                 | 43%                      | 9.25E-07                                            | 4.47E-09    | 1.99E-06  | 1.2297E-08 | 3.48E-06 | 17                                       | 12                                           | 260       | 3.26E-07                           | 1.57E-09       | 7.00E-07  | 4.33E-09 | 1.22E-06 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 20                                 | 43%                      | 9.25E-07                                            | 4.47E-09    | 1.99E-06  | 1.2297E-08 | 3.48E-06 | 37                                       | 12                                           | 260       | 1.01E-06                           | 4.89E-09       | 2.18E-06  | 1.35E-08 | 3.80E-06 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 36                                 | 43%                      | 9.25E-07                                            | 3.49E-09    | 1.34E-06  | 1.2297E-08 | 2.28E-06 | 9                                        | 12                                           | 260       | 4.43E-07                           | 1.67E-09       | 6.41E-07  | 5.89E-09 | 1.09E-06 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 100                                | 43%                      | 8.32E-07                                            | 3.51E-09    | 1.53E-06  | 1.1062E-08 | 2.66E-06 | 9                                        | 12                                           | 260       | 1.11E-06                           | 4.68E-09       | 2.03E-06  | 1.47E-08 | 3.55E-06 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 270                                | 43%                      | 8.32E-07                                            | 2.77E-09    | 1.16E-06  | 1.1062E-08 | 2.01E-06 | 9                                        | 12                                           | 260       | 2.99E-06                           | 9.95E-09       | 4.16E-06  | 3.98E-08 | 7.23E-06 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 2,346                              | 43%                      | 8.32E-07                                            | 2.77E-09    | 1.16E-06  | 1.1062E-08 | 2.01E-06 | 6                                        | 12                                           | 260       | 1.73E-05                           | 5.76E-08       | 2.41E-05  | 2.30E-07 | 4.19E-05 |
| OTHER EQUIPMENT                                                                                                                                                     |        |                              |                                    |                          |                                                     |             |           |            |          |                                          |                                              |           |                                    |                |           |          |          |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 10                                 | 43%                      | 9.25E-07                                            | 4.47E-09    | 1.99E-06  | 1.2297E-08 | 3.48E-06 | 5                                        | 12                                           | 260       | 6.84E-08                           | 3.31E-10       | 1.47E-07  | 9.09E-10 | 2.57E-07 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 20                                 | 43%                      | 9.25E-07                                            | 4.47E-09    | 1.99E-06  | 1.2297E-08 | 3.48E-06 | 21                                       | 12                                           | 260       | 5.75E-07                           | 2.78E-09       | 1.23E-06  | 7.64E-09 | 2.16E-06 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 22                                 | 43%                      | 9.25E-07                                            | 4.47E-09    | 1.99E-06  | 1.2297E-08 | 3.48E-06 | 5                                        | 12                                           | 260       | 1.51E-07                           | 7.27E-10       | 3.23E-07  | 2.00E-09 | 5.66E-07 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 85                                 | 43%                      | 9.25E-07                                            | 2.90E-09    | 1.04E-06  | 1.2297E-08 | 1.75E-06 | 5                                        | 12                                           | 260       | 5.81E-07                           | 1.82E-09       | 6.53E-07  | 7.73E-09 | 1.10E-06 |
| Welders                                                                                                                                                             | Diesel | 2270006068                   | 58                                 | 21%                      | 1.09E-06                                            | 4.31E-09    | 1.70E-06  | 1.4498E-08 | 2.91E-06 | 17                                       | 12                                           | 260       | 7.77E-07                           | 3.07E-09       | 1.21E-06  | 1.03E-08 | 2.08E-06 |
| Total                                                                                                                                                               |        |                              |                                    |                          |                                                     |             |           |            |          |                                          |                                              |           | 1.50E-04                           | 5.27E-07       | 2.20E-04  | 1.99E-06 | 3.83E-04 |
| 1. Based on EPA MOVES5.<br>2. EPA MOVES5 run for calendar year 2028, Cameron Parish.<br>3. Based on engineering estimates and best currently available information. |        |                              |                                    |                          |                                                     |             |           |            |          |                                          |                                              |           |                                    |                |           |          |          |

**Table 9.B.10 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project  
2029 Non-Road Construction Equipment Exhaust Criteria Pollutant Emissions  
(Continued)**

| Equipment Type                | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup><br>(hp) | Load<br>Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |                 |                 |      |                  |                   | No. of<br>Equipment/<br>Day <sup>3</sup> | Equipment<br>Operating Duration <sup>3</sup> |           | Pollutant Emissions<br>(tons/year) |                 |                 |          |                  |                   |
|-------------------------------|--------|------------------------------|------------------------------------|-----------------------------|-----------------------------------------------------|-----------------|-----------------|------|------------------|-------------------|------------------------------------------|----------------------------------------------|-----------|------------------------------------|-----------------|-----------------|----------|------------------|-------------------|
|                               |        |                              |                                    |                             | CO                                                  | NO <sub>x</sub> | SO <sub>2</sub> | VOC  | PM <sub>10</sub> | PM <sub>2.5</sub> |                                          | Hours/Day                                    | Days/Year | CO                                 | NO <sub>x</sub> | SO <sub>2</sub> | VOC      | PM <sub>10</sub> | PM <sub>2.5</sub> |
| CLASS 11 EARTHMOVING          |        |                              |                                    |                             |                                                     |                 |                 |      |                  |                   |                                          |                                              |           |                                    |                 |                 |          |                  |                   |
| Bore / Drill Rigs             | Diesel | 2270002014                   | 1,000                              | 43%                         | 0.65                                                | 4.03            | 1.62E-03        | 0.20 | 0.12             | 0.12              | 20                                       | 12                                           | 109       | 8.08E+00                           | 4.99E+01        | 2.01E-02        | 2.47E+00 | 1.52E+00         | 1.48E+00          |
| Dozers                        | Diesel | 2270002081                   | 70                                 | 59%                         | 0.20                                                | 2.55            | 1.57E-03        | 0.05 | 0.02             | 0.02              | 2                                        | 12                                           | 109       | 2.38E-02                           | 3.04E-01        | 1.87E-04        | 6.14E-03 | 2.17E-03         | 2.11E-03          |
| Excavators                    | Diesel | 2270002077                   | 97                                 | 59%                         | 0.06                                                | 0.86            | 1.57E-03        | 0.01 | 0.01             | 0.01              | 6                                        | 12                                           | 109       | 2.88E-02                           | 4.26E-01        | 7.78E-04        | 3.92E-03 | 6.49E-03         | 6.29E-03          |
| Excavators                    | Diesel | 2270002077                   | 138                                | 59%                         | 0.05                                                | 0.17            | 1.41E-03        | 0.01 | 0.01             | 0.01              | 6                                        | 12                                           | 109       | 3.67E-02                           | 1.22E-01        | 9.96E-04        | 6.07E-03 | 8.24E-03         | 8.00E-03          |
| Excavators                    | Diesel | 2270002077                   | 204                                | 59%                         | 0.02                                                | 0.11            | 1.41E-03        | 0.01 | 0.01             | 0.01              | 2                                        | 12                                           | 109       | 7.26E-03                           | 3.99E-02        | 4.91E-04        | 3.39E-03 | 2.31E-03         | 2.24E-03          |
| Excavators                    | Diesel | 2270002077                   | 207                                | 59%                         | 0.02                                                | 0.11            | 1.41E-03        | 0.01 | 0.01             | 0.01              | 2                                        | 12                                           | 109       | 7.37E-03                           | 4.05E-02        | 4.98E-04        | 3.44E-03 | 2.34E-03         | 2.27E-03          |
| Excavators                    | Diesel | 2270002077                   | 393                                | 59%                         | 0.04                                                | 0.14            | 1.42E-03        | 0.01 | 0.01             | 0.01              | 2                                        | 12                                           | 109       | 2.44E-02                           | 9.49E-02        | 9.50E-04        | 7.82E-03 | 6.24E-03         | 6.06E-03          |
| Excavators                    | Diesel | 2270002077                   | 476                                | 59%                         | 0.04                                                | 0.14            | 1.42E-03        | 0.01 | 0.01             | 0.01              | 2                                        | 12                                           | 109       | 2.96E-02                           | 1.15E-01        | 1.15E-03        | 9.48E-03 | 7.56E-03         | 7.34E-03          |
| Graders                       | Diesel | 2270002078                   | 69                                 | 59%                         | 0.20                                                | 2.55            | 1.57E-03        | 0.05 | 0.02             | 0.02              | 3                                        | 12                                           | 109       | 3.47E-02                           | 4.49E-01        | 2.77E-04        | 9.04E-03 | 3.18E-03         | 3.08E-03          |
| Graders                       | Diesel | 2270002078                   | 74                                 | 59%                         | 0.20                                                | 2.55            | 1.57E-03        | 0.05 | 0.02             | 0.02              | 3                                        | 12                                           | 109       | 3.72E-02                           | 4.81E-01        | 2.97E-04        | 9.70E-03 | 3.41E-03         | 3.31E-03          |
| Graders                       | Diesel | 2270002078                   | 80                                 | 59%                         | 0.08                                                | 0.88            | 1.57E-03        | 0.01 | 0.02             | 0.02              | 3                                        | 12                                           | 109       | 1.60E-02                           | 1.79E-01        | 3.21E-04        | 1.84E-03 | 3.30E-03         | 3.21E-03          |
| Graders                       | Diesel | 2270002078                   | 100                                | 59%                         | 0.08                                                | 0.88            | 1.57E-03        | 0.01 | 0.02             | 0.02              | 2                                        | 12                                           | 109       | 1.33E-02                           | 1.49E-01        | 2.68E-04        | 1.54E-03 | 2.75E-03         | 2.67E-03          |
| Graders                       | Diesel | 2270002078                   | 145                                | 59%                         | 0.06                                                | 0.19            | 1.42E-03        | 0.01 | 0.01             | 0.01              | 5                                        | 12                                           | 109       | 3.63E-02                           | 1.18E-01        | 8.74E-04        | 5.92E-03 | 8.33E-03         | 8.08E-03          |
| Skid Steer loader             | Diesel | 2270002022                   | 58                                 | 21%                         | 3.19                                                | 4.03            | 2.12E-03        | 0.63 | 0.46             | 0.45              | 3                                        | 12                                           | 109       | 1.68E-01                           | 2.13E-01        | 1.12E-04        | 3.32E-02 | 2.42E-02         | 2.35E-02          |
| Tampers / Rammers             | Diesel | 2270002007                   | 3                                  | 43%                         | 2.50                                                | 4.19            | 2.16E-03        | 0.84 | 0.25             | 0.24              | 6                                        | 12                                           | 109       | 2.79E-02                           | 4.68E-02        | 2.41E-05        | 9.33E-03 | 2.78E-03         | 2.70E-03          |
| Tractors / Backhoes           | Diesel | 2270002021                   | 48                                 | 21%                         | 0.29                                                | 2.54            | 1.84E-03        | 0.09 | 0.02             | 0.02              | 2                                        | 12                                           | 109       | 8.50E-03                           | 7.38E-02        | 5.33E-05        | 2.76E-03 | 6.78E-04         | 6.58E-04          |
| Tractors / Backhoes           | Diesel | 2270002021                   | 90                                 | 21%                         | 1.24                                                | 1.71            | 1.95E-03        | 0.23 | 0.19             | 0.18              | 2                                        | 12                                           | 109       | 6.74E-02                           | 9.31E-02        | 1.06E-04        | 1.24E-02 | 1.02E-02         | 9.86E-03          |
| Tractors / Backhoes           | Diesel | 2270002021                   | 157                                | 21%                         | 0.54                                                | 1.06            | 1.76E-03        | 0.17 | 0.11             | 0.11              | 2                                        | 12                                           | 109       | 5.10E-02                           | 1.01E-01        | 1.67E-04        | 1.60E-02 | 1.05E-02         | 1.01E-02          |
| Tractors / Backhoes           | Diesel | 2270002021                   | 160                                | 21%                         | 0.54                                                | 1.06            | 1.76E-03        | 0.17 | 0.11             | 0.11              | 9                                        | 12                                           | 109       | 2.34E-01                           | 4.64E-01        | 7.66E-04        | 7.32E-02 | 4.80E-02         | 4.65E-02          |
| Tractors / Backhoes           | Diesel | 2270002021                   | 230                                | 21%                         | 0.44                                                | 0.95            | 1.76E-03        | 0.15 | 0.09             | 0.09              | 3                                        | 12                                           | 109       | 9.14E-02                           | 1.99E-01        | 3.67E-04        | 3.03E-02 | 1.86E-02         | 1.81E-02          |
| CLASS 14 CRANES               |        |                              |                                    |                             |                                                     |                 |                 |      |                  |                   |                                          |                                              |           |                                    |                 |                 |          |                  |                   |
| Cranes                        | Diesel | 2270002017                   | 155                                | 43%                         | 0.07                                                | 0.21            | 1.41E-03        | 0.01 | 0.02             | 0.01              | 5                                        | 12                                           | 109       | 3.17E-02                           | 1.01E-01        | 6.77E-04        | 5.68E-03 | 7.40E-03         | 7.18E-03          |
| Cranes                        | Diesel | 2270002017                   | 285                                | 43%                         | 0.03                                                | 0.14            | 1.40E-03        | 0.01 | 0.01             | 0.01              | 2                                        | 12                                           | 109       | 1.02E-02                           | 4.97E-02        | 4.96E-04        | 4.18E-03 | 2.87E-03         | 2.79E-03          |
| Cranes                        | Diesel | 2270002017                   | 340                                | 43%                         | 0.11                                                | 0.49            | 1.45E-03        | 0.03 | 0.02             | 0.02              | 2                                        | 12                                           | 109       | 4.79E-02                           | 2.07E-01        | 6.12E-04        | 1.18E-02 | 8.62E-03         | 8.36E-03          |
| Cranes                        | Diesel | 2270002017                   | 400                                | 43%                         | 0.11                                                | 0.49            | 1.45E-03        | 0.03 | 0.02             | 0.02              | 3                                        | 12                                           | 109       | 8.46E-02                           | 3.66E-01        | 1.08E-03        | 2.08E-02 | 1.52E-02         | 1.48E-02          |
| Cranes                        | Diesel | 2270002017                   | 450                                | 43%                         | 0.11                                                | 0.49            | 1.45E-03        | 0.03 | 0.02             | 0.02              | 23                                       | 12                                           | 109       | 7.29E-01                           | 3.15E+00        | 9.31E-03        | 1.79E-01 | 1.31E-01         | 1.27E-01          |
| Cranes                        | Diesel | 2270002017                   | 500                                | 43%                         | 0.11                                                | 0.49            | 1.45E-03        | 0.03 | 0.02             | 0.02              | 2                                        | 12                                           | 109       | 7.05E-02                           | 3.05E-01        | 8.99E-04        | 1.73E-02 | 1.27E-02         | 1.23E-02          |
| Cranes                        | Diesel | 2270002017                   | 510                                | 43%                         | 0.11                                                | 0.49            | 1.45E-03        | 0.03 | 0.02             | 0.02              | 4                                        | 12                                           | 109       | 1.44E-01                           | 6.22E-01        | 1.83E-03        | 3.53E-02 | 2.59E-02         | 2.51E-02          |
| Cranes                        | Diesel | 2270002017                   | 550                                | 43%                         | 0.11                                                | 0.49            | 1.45E-03        | 0.03 | 0.02             | 0.02              | 14                                       | 12                                           | 109       | 5.43E-01                           | 2.35E+00        | 6.93E-03        | 1.33E-01 | 9.76E-02         | 9.47E-02          |
| CLASS 15 FORKLIFT             |        |                              |                                    |                             |                                                     |                 |                 |      |                  |                   |                                          |                                              |           |                                    |                 |                 |          |                  |                   |
| Aerial Lifts                  | Diesel | 2270003025                   | 49                                 | 21%                         | 1.92                                                | 3.41            | 2.05E-03        | 0.49 | 0.30             | 0.29              | 2                                        | 12                                           | 109       | 5.69E-02                           | 1.01E-01        | 6.08E-05        | 1.46E-02 | 9.01E-03         | 8.74E-03          |
| Aerial Lifts                  | Diesel | 2270003025                   | 51                                 | 21%                         | 1.84                                                | 3.46            | 2.05E-03        | 0.38 | 0.24             | 0.24              | 4                                        | 12                                           | 109       | 1.14E-01                           | 2.13E-01        | 1.27E-04        | 2.33E-02 | 1.50E-02         | 1.46E-02          |
| Aerial Lifts                  | Diesel | 2270003025                   | 74                                 | 21%                         | 1.84                                                | 3.46            | 2.05E-03        | 0.38 | 0.24             | 0.24              | 2                                        | 12                                           | 109       | 8.24E-02                           | 1.55E-01        | 9.18E-05        | 1.69E-02 | 1.09E-02         | 1.06E-02          |
| Forklifts                     | Diesel | 2270003026                   | 7                                  | 59%                         | 1.51                                                | 3.77            | 2.19E-03        | 0.35 | 0.18             | 0.17              | 2                                        | 12                                           | 109       | 1.80E-02                           | 4.49E-02        | 2.61E-05        | 4.20E-03 | 2.12E-03         | 2.05E-03          |
| Forklifts                     | Diesel | 2270003026                   | 74                                 | 59%                         | 0.19                                                | 2.54            | 1.57E-03        | 0.05 | 0.02             | 0.02              | 9                                        | 12                                           | 109       | 1.07E-01                           | 1.44E+00        | 8.89E-04        | 2.86E-02 | 9.87E-03         | 9.57E-03          |
| Forklifts                     | Diesel | 2270003026                   | 80                                 | 59%                         | 0.05                                                | 0.86            | 1.57E-03        | 0.01 | 0.01             | 0.01              | 2                                        | 12                                           | 109       | 6.80E-03                           | 1.16E-01        | 2.14E-04        | 1.02E-03 | 1.62E-03         | 1.57E-03          |
| Forklifts                     | Diesel | 2270003026                   | 99                                 | 59%                         | 0.05                                                | 0.86            | 1.57E-03        | 0.01 | 0.01             | 0.01              | 2                                        | 12                                           | 109       | 8.41E-03                           | 1.44E-01        | 2.64E-04        | 1.26E-03 | 2.00E-03         | 1.94E-03          |
| CLASS 16 CONCRETE / AGGREGATE |        |                              |                                    |                             |                                                     |                 |                 |      |                  |                   |                                          |                                              |           |                                    |                 |                 |          |                  |                   |
| Pumps                         | Diesel | 2270006065                   | 58                                 | 43%                         | 0.92                                                | 3.33            | 1.73E-03        | 0.21 | 0.16             | 0.16              | 3                                        | 12                                           | 109       | 9.89E-02                           | 3.60E-01        | 1.87E-04        | 2.26E-02 | 1.76E-02         | 1.70E-02          |
| Concrete / Industrial Saws    | Diesel | 2270002015                   | 11                                 | 59%                         | 2.46                                                | 4.18            | 2.18E-03        | 0.84 | 0.24             | 0.23              | 2                                        | 12                                           | 109       | 4.61E-02                           | 7.83E-02        | 4.09E-05        | 1.57E-02 | 4.48E-03         | 4.34E-03          |

**Table 9.B.10 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project  
2029 Non-Road Construction Equipment Exhaust Criteria Pollutant Emissions  
(Continued)**

| Equipment Type                                                                                                                                                     | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup><br>(hp) | Load<br>Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |                 |                 |      |                  |                   | No. of<br>Equipment/<br>Day <sup>3</sup> | Equipment<br>Operating Duration <sup>3</sup> |           | Pollutant Emissions<br>(tons/year) |                 |                 |          |                  |                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------|------------------------------------|-----------------------------|-----------------------------------------------------|-----------------|-----------------|------|------------------|-------------------|------------------------------------------|----------------------------------------------|-----------|------------------------------------|-----------------|-----------------|----------|------------------|-------------------|
|                                                                                                                                                                    |        |                              |                                    |                             | CO                                                  | NO <sub>x</sub> | SO <sub>2</sub> | VOC  | PM <sub>10</sub> | PM <sub>2.5</sub> |                                          | Hours/Day                                    | Days/Year | CO                                 | NO <sub>x</sub> | SO <sub>2</sub> | VOC      | PM <sub>10</sub> | PM <sub>2.5</sub> |
| CLASS 17 AIR COMPRESSORS                                                                                                                                           |        |                              |                                    |                             |                                                     |                 |                 |      |                  |                   |                                          |                                              |           |                                    |                 |                 |          |                  |                   |
| Air Compressors                                                                                                                                                    | Diesel | 2270006066                   | 5                                  | 43%                         | 2.46                                                | 4.18            | 2.16E-03        | 0.84 | 0.24             | 0.23              | 2                                        | 12                                           | 109       | 2.32E+00                           | 3.94E+00        | 2.04E-03        | 7.90E-01 | 2.25E-01         | 2.18E-01          |
| Air Compressors                                                                                                                                                    | Diesel | 2270006066                   | 13                                 | 43%                         | 1.49                                                | 3.76            | 2.17E-03        | 0.35 | 0.17             | 0.17              | 2                                        | 12                                           | 109       | 2.40E-02                           | 6.06E-02        | 3.49E-05        | 5.67E-03 | 2.75E-03         | 2.67E-03          |
| Air Compressors                                                                                                                                                    | Diesel | 2270006066                   | 35                                 | 43%                         | 0.28                                                | 2.53            | 1.55E-03        | 0.09 | 0.02             | 0.02              | 2                                        | 12                                           | 109       | 1.21E-02                           | 1.10E-01        | 6.74E-05        | 4.01E-03 | 8.81E-04         | 8.55E-04          |
| Air Compressors                                                                                                                                                    | Diesel | 2270006066                   | 49                                 | 43%                         | 0.28                                                | 2.53            | 1.55E-03        | 0.09 | 0.02             | 0.02              | 2                                        | 12                                           | 109       | 1.69E-02                           | 1.54E-01        | 9.44E-05        | 5.62E-03 | 1.23E-03         | 1.20E-03          |
| Air Compressors                                                                                                                                                    | Diesel | 2270006066                   | 75                                 | 43%                         | 0.23                                                | 1.06            | 1.59E-03        | 0.02 | 0.04             | 0.04              | 2                                        | 12                                           | 109       | 2.14E-02                           | 9.87E-02        | 1.48E-04        | 2.29E-03 | 3.76E-03         | 3.65E-03          |
| Air Compressors                                                                                                                                                    | Diesel | 2270006066                   | 130                                | 43%                         | 0.11                                                | 0.39            | 1.43E-03        | 0.02 | 0.03             | 0.03              | 2                                        | 12                                           | 109       | 1.78E-02                           | 6.27E-02        | 2.31E-04        | 3.71E-03 | 4.38E-03         | 4.25E-03          |
| Air Compressors                                                                                                                                                    | Diesel | 2270006066                   | 300                                | 43%                         | 0.24                                                | 0.88            | 1.50E-03        | 0.05 | 0.04             | 0.04              | 12                                       | 12                                           | 109       | 5.44E-01                           | 1.97E+00        | 3.36E-03        | 1.19E-01 | 9.12E-02         | 8.85E-02          |
| Air Compressors                                                                                                                                                    | Diesel | 2270006066                   | 475                                | 43%                         | 0.24                                                | 0.88            | 1.50E-03        | 0.05 | 0.04             | 0.04              | 2                                        | 12                                           | 109       | 1.43E-01                           | 5.19E-01        | 8.86E-04        | 3.15E-02 | 2.41E-02         | 2.34E-02          |
| CLASS 55,56 SMALL CAPITAL EQUIPMENT                                                                                                                                |        |                              |                                    |                             |                                                     |                 |                 |      |                  |                   |                                          |                                              |           |                                    |                 |                 |          |                  |                   |
| Generators                                                                                                                                                         | Diesel | 2270006064                   | 14                                 | 43%                         | 1.61                                                | 3.88            | 2.17E-03        | 0.39 | 0.19             | 0.19              | 6                                        | 12                                           | 109       | 8.36E-02                           | 2.02E-01        | 1.13E-04        | 2.04E-02 | 9.98E-03         | 9.68E-03          |
| Generators                                                                                                                                                         | Diesel | 2270006064                   | 20                                 | 43%                         | 1.61                                                | 3.88            | 2.17E-03        | 0.39 | 0.19             | 0.19              | 15                                       | 12                                           | 109       | 2.99E-01                           | 7.21E-01        | 4.03E-04        | 7.28E-02 | 3.56E-02         | 3.46E-02          |
| Generators                                                                                                                                                         | Diesel | 2270006064                   | 36                                 | 43%                         | 0.49                                                | 2.79            | 1.63E-03        | 0.15 | 0.07             | 0.06              | 2                                        | 12                                           | 109       | 2.18E-02                           | 1.24E-01        | 7.28E-05        | 6.57E-03 | 2.96E-03         | 2.87E-03          |
| Generators                                                                                                                                                         | Diesel | 2270006064                   | 100                                | 43%                         | 0.46                                                | 1.65            | 1.57E-03        | 0.14 | 0.10             | 0.10              | 3                                        | 12                                           | 109       | 8.64E-02                           | 3.06E-01        | 2.91E-04        | 2.55E-02 | 1.93E-02         | 1.87E-02          |
| Generators                                                                                                                                                         | Diesel | 2270006064                   | 270                                | 43%                         | 0.38                                                | 1.53            | 1.56E-03        | 0.12 | 0.08             | 0.08              | 2                                        | 12                                           | 109       | 1.26E-01                           | 5.13E-01        | 5.22E-04        | 4.18E-02 | 2.69E-02         | 2.61E-02          |
| Generators                                                                                                                                                         | Diesel | 2270006064                   | 2,346                              | 43%                         | 0.43                                                | 1.57            | 1.56E-03        | 0.10 | 0.06             | 0.06              | 2                                        | 12                                           | 109       | 1.26E+00                           | 4.56E+00        | 4.54E-03        | 2.77E-01 | 1.89E-01         | 1.83E-01          |
| OTHER EQUIPMENT                                                                                                                                                    |        |                              |                                    |                             |                                                     |                 |                 |      |                  |                   |                                          |                                              |           |                                    |                 |                 |          |                  |                   |
| Other general equipment                                                                                                                                            | Diesel | 2270003028                   | 10                                 | 43%                         | 2.46                                                | 4.18            | 2.16E-03        | 0.84 | 0.24             | 0.23              | 2                                        | 12                                           | 109       | 3.05E-02                           | 5.19E-02        | 2.68E-05        | 1.04E-02 | 2.95E-03         | 2.86E-03          |
| Other general equipment                                                                                                                                            | Diesel | 2270003028                   | 20                                 | 43%                         | 1.49                                                | 3.76            | 2.17E-03        | 0.35 | 0.17             | 0.16              | 10                                       | 12                                           | 109       | 1.84E-01                           | 4.66E-01        | 2.69E-04        | 4.36E-02 | 2.11E-02         | 2.04E-02          |
| Other general equipment                                                                                                                                            | Diesel | 2270003028                   | 22                                 | 43%                         | 1.49                                                | 3.76            | 2.17E-03        | 0.35 | 0.17             | 0.16              | 2                                        | 12                                           | 109       | 4.06E-02                           | 1.03E-01        | 5.91E-05        | 9.59E-03 | 4.63E-03         | 4.49E-03          |
| Other general equipment                                                                                                                                            | Diesel | 2270003028                   | 85                                 | 43%                         | 0.14                                                | 0.96            | 1.57E-03        | 0.02 | 0.03             | 0.03              | 2                                        | 12                                           | 109       | 1.45E-02                           | 1.02E-01        | 1.66E-04        | 1.62E-03 | 2.75E-03         | 2.67E-03          |
| Other general equipment                                                                                                                                            | Diesel | 2270003028                   | 265                                | 43%                         | 0.05                                                | 0.20            | 1.42E-03        | 0.02 | 0.01             | 0.01              | 2                                        | 12                                           | 109       | 1.55E-02                           | 6.69E-02        | 4.65E-04        | 5.26E-03 | 3.70E-03         | 3.59E-03          |
| Welders                                                                                                                                                            | Diesel | 2270006068                   | 58                                 | 21%                         | 2.05                                                | 3.47            | 2.04E-03        | 0.42 | 0.31             | 0.30              | 4                                        | 12                                           | 109       | 1.44E-01                           | 2.44E-01        | 1.43E-04        | 2.95E-02 | 2.15E-02         | 2.09E-02          |
| Total                                                                                                                                                              |        |                              |                                    |                             |                                                     |                 |                 |      |                  |                   |                                          |                                              |           | 16.62                              | 77.81           | 0.07            | 4.75     | 2.76             | 2.68              |
| 1. Based on EPA MOVES.<br>2. EPA MOVES5 run for calendar year 2029, Cameron Parish.<br>3. Based on engineering estimates and best currently available information. |        |                              |                                    |                             |                                                     |                 |                 |      |                  |                   |                                          |                                              |           |                                    |                 |                 |          |                  |                   |

**Table 9.B.11 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2029 Non-Road Construction Equipment Exhaust Greenhouse Gas Emissions**  
**(Continued)**

| Equipment Type                | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup><br>(hp) | Load<br>Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |                 |                               | No. of<br>Equipment/Day <sup>3</sup> | Equipment<br>Operating Duration <sup>3</sup> |           | Pollutant Emissions<br>(tons/year) |                 |                  |                                |
|-------------------------------|--------|------------------------------|------------------------------------|-----------------------------|-----------------------------------------------------|-----------------|-------------------------------|--------------------------------------|----------------------------------------------|-----------|------------------------------------|-----------------|------------------|--------------------------------|
|                               |        |                              |                                    |                             | CO <sub>2</sub>                                     | CH <sub>4</sub> | N <sub>2</sub> O <sup>4</sup> |                                      | Hours/Day                                    | Days/Year | CO <sub>2</sub>                    | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e <sup>5</sup> |
| CLASS 11 EARTHMOVING          |        |                              |                                    |                             |                                                     |                 |                               |                                      |                                              |           |                                    |                 |                  |                                |
| Bore / Drill Rigs             | Diesel | 2270002014                   | 1,000                              | 43%                         | 530.46                                              | 0.00            | 0.02                          | 20                                   | 12                                           | 109       | 6.58E+03                           | 5.96E-02        | 2.77E-01         | 6.65E+03                       |
| Dozers                        | Diesel | 2270002081                   | 70                                 | 59%                         | 596.00                                              | 0.01            | 0.03                          | 2                                    | 12                                           | 109       | 7.10E+01                           | 1.07E-03        | 2.99E-03         | 7.18E+01                       |
| Excavators                    | Diesel | 2270002077                   | 97                                 | 59%                         | 596.13                                              | 5.78E-04        | 0.03                          | 6                                    | 12                                           | 109       | 2.95E+02                           | 2.86E-04        | 1.24E-02         | 2.98E+02                       |
| Excavators                    | Diesel | 2270002077                   | 138                                | 59%                         | 536.81                                              | 6.09E-04        | 0.02                          | 6                                    | 12                                           | 109       | 3.78E+02                           | 4.29E-04        | 1.59E-02         | 3.82E+02                       |
| Excavators                    | Diesel | 2270002077                   | 204                                | 59%                         | 536.80                                              | 3.89E-04        | 0.02                          | 2                                    | 12                                           | 109       | 1.86E+02                           | 1.35E-04        | 7.85E-03         | 1.88E+02                       |
| Excavators                    | Diesel | 2270002077                   | 207                                | 59%                         | 536.80                                              | 3.89E-04        | 0.02                          | 2                                    | 12                                           | 109       | 1.89E+02                           | 1.37E-04        | 7.96E-03         | 1.91E+02                       |
| Excavators                    | Diesel | 2270002077                   | 393                                | 59%                         | 536.80                                              | 5.70E-04        | 0.02                          | 2                                    | 12                                           | 109       | 3.59E+02                           | 3.81E-04        | 1.51E-02         | 3.63E+02                       |
| Excavators                    | Diesel | 2270002077                   | 476                                | 59%                         | 536.80                                              | 5.70E-04        | 0.02                          | 2                                    | 12                                           | 109       | 4.35E+02                           | 4.61E-04        | 1.83E-02         | 4.40E+02                       |
| Graders                       | Diesel | 2270002078                   | 69                                 | 59%                         | 596.00                                              | 0.01            | 0.03                          | 3                                    | 12                                           | 109       | 1.05E+02                           | 1.58E-03        | 4.42E-03         | 1.06E+02                       |
| Graders                       | Diesel | 2270002078                   | 74                                 | 59%                         | 596.00                                              | 0.01            | 0.03                          | 3                                    | 12                                           | 109       | 1.13E+02                           | 1.70E-03        | 4.74E-03         | 1.14E+02                       |
| Graders                       | Diesel | 2270002078                   | 80                                 | 59%                         | 596.13                                              | 6.88E-04        | 0.03                          | 3                                    | 12                                           | 109       | 1.22E+02                           | 1.41E-04        | 5.13E-03         | 1.23E+02                       |
| Graders                       | Diesel | 2270002078                   | 100                                | 59%                         | 596.13                                              | 6.88E-04        | 0.03                          | 2                                    | 12                                           | 109       | 1.01E+02                           | 1.17E-04        | 4.27E-03         | 1.03E+02                       |
| Graders                       | Diesel | 2270002078                   | 145                                | 59%                         | 536.80                                              | 7.02E-04        | 0.02                          | 5                                    | 12                                           | 109       | 3.31E+02                           | 4.33E-04        | 1.39E-02         | 3.35E+02                       |
| Skid Steer loader             | Diesel | 2270002022                   | 58                                 | 21%                         | 694.17                                              | 0.03            | 0.03                          | 3                                    | 12                                           | 109       | 3.66E+01                           | 1.41E-03        | 1.54E-03         | 3.70E+01                       |
| Tampers / Rammers             | Diesel | 2270002007                   | 3                                  | 43%                         | 587.97                                              | 0.07            | 0.02                          | 6                                    | 12                                           | 109       | 6.56E+00                           | 8.21E-04        | 2.76E-04         | 6.66E+00                       |
| Tractors / Backhoes           | Diesel | 2270002021                   | 48                                 | 21%                         | 695.71                                              | 0.01            | 0.03                          | 2                                    | 12                                           | 109       | 2.02E+01                           | 3.66E-04        | 8.52E-04         | 2.05E+01                       |
| Tractors / Backhoes           | Diesel | 2270002021                   | 90                                 | 21%                         | 695.34                                              | 0.01            | 0.03                          | 2                                    | 12                                           | 109       | 3.79E+01                           | 4.95E-04        | 1.60E-03         | 3.83E+01                       |
| Tractors / Backhoes           | Diesel | 2270002021                   | 157                                | 21%                         | 626.06                                              | 0.01            | 0.03                          | 2                                    | 12                                           | 109       | 5.95E+01                           | 8.69E-04        | 2.51E-03         | 6.02E+01                       |
| Tractors / Backhoes           | Diesel | 2270002021                   | 160                                | 21%                         | 626.06                                              | 0.01            | 0.03                          | 9                                    | 12                                           | 109       | 2.73E+02                           | 3.98E-03        | 1.15E-02         | 2.76E+02                       |
| Tractors / Backhoes           | Diesel | 2270002021                   | 230                                | 21%                         | 626.13                                              | 0.01            | 0.03                          | 3                                    | 12                                           | 109       | 1.31E+02                           | 1.58E-03        | 5.51E-03         | 1.32E+02                       |
| CLASS 14 CRANES               |        |                              |                                    |                             |                                                     |                 |                               |                                      |                                              |           |                                    |                 |                  |                                |
| Cranes                        | Diesel | 2270002017                   | 155                                | 43%                         | 531.01                                              | 8.91E-04        | 0.02                          | 5                                    | 12                                           | 109       | 2.55E+02                           | 4.28E-04        | 1.07E-02         | 2.58E+02                       |
| Cranes                        | Diesel | 2270002017                   | 285                                | 43%                         | 531.01                                              | 5.79E-04        | 0.02                          | 2                                    | 12                                           | 109       | 1.88E+02                           | 2.05E-04        | 7.90E-03         | 1.90E+02                       |
| Cranes                        | Diesel | 2270002017                   | 340                                | 43%                         | 530.96                                              | 1.81E-03        | 0.02                          | 2                                    | 12                                           | 109       | 2.24E+02                           | 7.61E-04        | 9.43E-03         | 2.26E+02                       |
| Cranes                        | Diesel | 2270002017                   | 400                                | 43%                         | 530.96                                              | 1.81E-03        | 0.02                          | 3                                    | 12                                           | 109       | 3.95E+02                           | 1.34E-03        | 1.66E-02         | 3.99E+02                       |
| Cranes                        | Diesel | 2270002017                   | 450                                | 43%                         | 530.96                                              | 1.81E-03        | 0.02                          | 23                                   | 12                                           | 109       | 3.41E+03                           | 1.16E-02        | 1.43E-01         | 3.45E+03                       |
| Cranes                        | Diesel | 2270002017                   | 500                                | 43%                         | 530.96                                              | 1.81E-03        | 0.02                          | 2                                    | 12                                           | 109       | 3.29E+02                           | 1.12E-03        | 1.39E-02         | 3.33E+02                       |
| Cranes                        | Diesel | 2270002017                   | 510                                | 43%                         | 530.96                                              | 1.81E-03        | 0.02                          | 4                                    | 12                                           | 109       | 6.72E+02                           | 2.28E-03        | 2.83E-02         | 6.79E+02                       |
| Cranes                        | Diesel | 2270002017                   | 550                                | 43%                         | 530.96                                              | 1.81E-03        | 0.02                          | 14                                   | 12                                           | 109       | 2.53E+03                           | 8.62E-03        | 1.07E-01         | 2.56E+03                       |
| CLASS 15 FORKLIFT             |        |                              |                                    |                             |                                                     |                 |                               |                                      |                                              |           |                                    |                 |                  |                                |
| Aerial Lifts                  | Diesel | 2270003025                   | 49                                 | 21%                         | 694.55                                              | 0.02            | 0.03                          | 2                                    | 12                                           | 109       | 2.06E+01                           | 6.39E-04        | 8.68E-04         | 2.09E+01                       |
| Aerial Lifts                  | Diesel | 2270003025                   | 51                                 | 21%                         | 694.90                                              | 0.02            | 0.03                          | 4                                    | 12                                           | 109       | 4.29E+01                           | 1.19E-03        | 1.81E-03         | 4.34E+01                       |
| Aerial Lifts                  | Diesel | 2270003025                   | 74                                 | 21%                         | 694.90                                              | 0.02            | 0.03                          | 2                                    | 12                                           | 109       | 3.11E+01                           | 8.62E-04        | 1.31E-03         | 3.15E+01                       |
| Forklifts                     | Diesel | 2270003026                   | 7                                  | 59%                         | 595.15                                              | 0.03            | 0.03                          | 2                                    | 12                                           | 109       | 7.09E+00                           | 3.70E-04        | 2.99E-04         | 7.18E+00                       |
| Forklifts                     | Diesel | 2270003026                   | 74                                 | 59%                         | 596.00                                              | 0.01            | 0.03                          | 9                                    | 12                                           | 109       | 3.38E+02                           | 5.04E-03        | 1.42E-02         | 3.42E+02                       |
| Forklifts                     | Diesel | 2270003026                   | 80                                 | 59%                         | 596.14                                              | 5.39E-04        | 0.03                          | 2                                    | 12                                           | 109       | 8.11E+01                           | 7.34E-05        | 3.42E-03         | 8.20E+01                       |
| Forklifts                     | Diesel | 2270003026                   | 99                                 | 59%                         | 596.14                                              | 5.39E-04        | 0.03                          | 2                                    | 12                                           | 109       | 1.00E+02                           | 9.09E-05        | 4.23E-03         | 1.02E+02                       |
| CLASS 16 CONCRETE / AGGREGATE |        |                              |                                    |                             |                                                     |                 |                               |                                      |                                              |           |                                    |                 |                  |                                |
| Pumps                         | Diesel | 2270006065                   | 58                                 | 43%                         | 589.75                                              | 0.01            | 0.02                          | 3                                    | 12                                           | 109       | 6.36E+01                           | 1.28E-03        | 2.68E-03         | 6.44E+01                       |
| Concrete / Industrial Saws    | Diesel | 2270002015                   | 11                                 | 59%                         | 593.75                                              | 0.07            | 0.03                          | 2                                    | 12                                           | 109       | 1.11E+01                           | 1.38E-03        | 4.68E-04         | 1.13E+01                       |

**Table 9.B.11 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2029 Non-Road Construction Equipment Exhaust Greenhouse Gas Emissions**  
**(Continued)**

| Equipment Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup><br>(hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |                 |                               | No. of Equipment/Day <sup>3</sup> | Equipment Operating Duration <sup>3</sup> |           | Pollutant Emissions (tons/year) |                 |                  |                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------|------------------------------------|--------------------------|-----------------------------------------------------|-----------------|-------------------------------|-----------------------------------|-------------------------------------------|-----------|---------------------------------|-----------------|------------------|--------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |                              |                                    |                          | CO <sub>2</sub>                                     | CH <sub>4</sub> | N <sub>2</sub> O <sup>4</sup> |                                   | Hours/Day                                 | Days/Year | CO <sub>2</sub>                 | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e <sup>5</sup> |
| CLASS 17 AIR COMPRESSORS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |                              |                                    |                          |                                                     |                 |                               |                                   |                                           |           |                                 |                 |                  |                                |
| Air Compressors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Diesel | 2270006066                   | 5                                  | 43%                      | 587.97                                              | 0.07            | 0.02                          | 2                                 | 12                                        | 109       | 3.65E+00                        | 4.58E-04        | 1.54E-04         | 3.70E+00                       |
| Air Compressors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Diesel | 2270006066                   | 13                                 | 43%                      | 589.36                                              | 0.03            | 0.02                          | 2                                 | 12                                        | 109       | 9.50E+00                        | 4.99E-04        | 4.00E-04         | 9.62E+00                       |
| Air Compressors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Diesel | 2270006066                   | 35                                 | 43%                      | 590.09                                              | 0.01            | 0.02                          | 2                                 | 12                                        | 109       | 2.56E+01                        | 5.37E-04        | 1.08E-03         | 2.59E+01                       |
| Air Compressors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Diesel | 2270006066                   | 49                                 | 43%                      | 590.09                                              | 0.01            | 0.02                          | 2                                 | 12                                        | 109       | 3.59E+01                        | 7.52E-04        | 1.51E-03         | 3.63E+01                       |
| Air Compressors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Diesel | 2270006066                   | 75                                 | 43%                      | 590.30                                              | 2.00E-03        | 0.02                          | 2                                 | 12                                        | 109       | 5.49E+01                        | 1.86E-04        | 2.31E-03         | 5.55E+01                       |
| Air Compressors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Diesel | 2270006066                   | 130                                | 43%                      | 530.98                                              | 1.89E-03        | 0.02                          | 2                                 | 12                                        | 109       | 8.56E+01                        | 3.05E-04        | 3.60E-03         | 8.66E+01                       |
| Air Compressors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Diesel | 2270006066                   | 300                                | 43%                      | 530.89                                              | 2.96E-03        | 0.02                          | 12                                | 12                                        | 109       | 1.18E+03                        | 6.60E-03        | 4.99E-02         | 1.20E+03                       |
| Air Compressors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Diesel | 2270006066                   | 475                                | 43%                      | 530.89                                              | 2.96E-03        | 0.02                          | 2                                 | 12                                        | 109       | 3.13E+02                        | 1.74E-03        | 1.32E-02         | 3.16E+02                       |
| CLASS 55,56 SMALL CAPITAL EQUIPMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |                              | 0                                  |                          |                                                     |                 |                               |                                   |                                           |           |                                 |                 |                  |                                |
| Generators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Diesel | 2270006064                   | 14                                 | 43%                      | 589.24                                              | 0.03            | 0.02                          | 6                                 | 12                                        | 109       | 3.07E+01                        | 1.63E-03        | 1.29E-03         | 3.11E+01                       |
| Generators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Diesel | 2270006064                   | 20                                 | 43%                      | 589.24                                              | 0.03            | 0.02                          | 15                                | 12                                        | 109       | 1.10E+02                        | 5.81E-03        | 4.62E-03         | 1.11E+02                       |
| Generators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Diesel | 2270006064                   | 36                                 | 43%                      | 589.93                                              | 0.01            | 0.02                          | 2                                 | 12                                        | 109       | 2.63E+01                        | 6.54E-04        | 1.11E-03         | 2.66E+01                       |
| Generators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Diesel | 2270006064                   | 100                                | 43%                      | 530.65                                              | 0.01            | 0.02                          | 3                                 | 12                                        | 109       | 9.87E+01                        | 1.07E-03        | 4.16E-03         | 9.98E+01                       |
| Generators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Diesel | 2270006064                   | 270                                | 43%                      | 530.68                                              | 0.01            | 0.02                          | 2                                 | 12                                        | 109       | 1.78E+02                        | 1.71E-03        | 7.48E-03         | 1.80E+02                       |
| Generators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Diesel | 2270006064                   | 2,346                              | 43%                      | 530.77                                              | 0.00            | 0.02                          | 2                                 | 12                                        | 109       | 1.54E+03                        | 1.08E-02        | 6.50E-02         | 1.56E+03                       |
| OTHER EQUIPMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |                              | 0                                  |                          |                                                     |                 |                               |                                   |                                           |           |                                 |                 |                  |                                |
| Other general equipment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Diesel | 2270003028                   | 10                                 | 43%                      | 587.97                                              | 0.07            | 0.02                          | 2                                 | 12                                        | 109       | 7.29E+00                        | 9.15E-04        | 3.07E-04         | 7.40E+00                       |
| Other general equipment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Diesel | 2270003028                   | 20                                 | 43%                      | 589.36                                              | 0.03            | 0.02                          | 10                                | 12                                        | 109       | 7.31E+01                        | 3.84E-03        | 3.08E-03         | 7.40E+01                       |
| Other general equipment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Diesel | 2270003028                   | 22                                 | 43%                      | 589.36                                              | 0.03            | 0.02                          | 2                                 | 12                                        | 109       | 1.61E+01                        | 8.45E-04        | 6.77E-04         | 1.63E+01                       |
| Other general equipment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Diesel | 2270003028                   | 85                                 | 43%                      | 590.33                                              | 1.26E-03        | 0.02                          | 2                                 | 12                                        | 109       | 6.22E+01                        | 1.33E-04        | 2.62E-03         | 6.29E+01                       |
| Other general equipment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Diesel | 2270003028                   | 265                                | 43%                      | 531.00                                              | 1.01E-03        | 0.02                          | 2                                 | 12                                        | 109       | 1.74E+02                        | 3.32E-04        | 7.35E-03         | 1.76E+02                       |
| Welders                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Diesel | 2270006068                   | 58                                 | 21%                      | 694.77                                              | 0.02            | 0.03                          | 4                                 | 12                                        | 109       | 4.88E+01                        | 1.26E-03        | 2.06E-03         | 4.94E+01                       |
| Total                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |                              |                                    |                          |                                                     |                 |                               |                                   |                                           |           | 22608.61                        | 0.15            | 0.95             | 22865.23                       |
| 1. Based on EPA MOVES5.<br>2. EPA MOVES5 run for calendar year 2029, Cameron Parish.<br>3. Based on engineering estimates and best currently available information.<br>4. 2025 Climate Registry Default Emission Factors, Released: March 2025, Tables 2.1 and 2.7., ratioed based on CO <sub>2</sub> emission factor from EPA MOVES5.<br><a href="https://theclimateregistry.org/wp-content/uploads/2025/03/2025-Default-Emission-Factors-03-2025.pdf">https://theclimateregistry.org/wp-content/uploads/2025/03/2025-Default-Emission-Factors-03-2025.pdf</a><br>5. The global warming potentials of CO <sub>2</sub> , CH <sub>4</sub> , and N <sub>2</sub> O are assumed to be 1, 28, and 265, respectively. |        |                              |                                    |                          |                                                     |                 |                               |                                   |                                           |           |                                 |                 |                  |                                |

**Table 9.B.12 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2029 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions**  
**(Continued)**

| Equipment Type                | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup><br>(hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |                            |              |          | No. of<br>Equipment/<br>Day <sup>3</sup> | Equipment<br>Operating Duration <sup>3</sup> |           | Pollutant Emissions<br>(tons/year) |                            |              |          |
|-------------------------------|--------|------------------------------|------------------------------------|--------------------------|-----------------------------------------------------|----------------------------|--------------|----------|------------------------------------------|----------------------------------------------|-----------|------------------------------------|----------------------------|--------------|----------|
|                               |        |                              |                                    |                          | 1,3-Butadiene                                       | 2,2,4-<br>Trimethylpentane | Acetaldehyde | Acrolein |                                          | Hours/Day                                    | Days/Year | 1,3-Butadiene                      | 2,2,4-<br>Trimethylpentane | Acetaldehyde | Acrolein |
| CLASS 11 EARTHMOVING          |        |                              |                                    |                          |                                                     |                            |              |          |                                          |                                              |           |                                    |                            |              |          |
| Bore / Drill Rigs             | Diesel | 2270002014                   | 1,000                              | 43%                      | 3.70E-04                                            | 1.52E-03                   | 1.61E-02     | 4.47E-03 | 20                                       | 12                                           | 109       | 4.59E-03                           | 1.88E-02                   | 1.99E-01     | 5.54E-02 |
| Dozers                        | Diesel | 2270002081                   | 70                                 | 59%                      | 9.14E-05                                            | 4.04E-04                   | 5.21E-03     | 9.27E-04 | 2                                        | 12                                           | 109       | 1.09E-05                           | 4.81E-05                   | 6.21E-04     | 1.10E-04 |
| Excavators                    | Diesel | 2270002077                   | 97                                 | 59%                      | 1.22E-05                                            | 5.75E-05                   | 7.39E-04     | 1.28E-04 | 6                                        | 12                                           | 109       | 6.04E-06                           | 2.84E-05                   | 3.66E-04     | 6.31E-05 |
| Excavators                    | Diesel | 2270002077                   | 138                                | 59%                      | 1.21E-05                                            | 6.05E-05                   | 7.65E-04     | 1.29E-04 | 6                                        | 12                                           | 109       | 8.54E-06                           | 4.26E-05                   | 5.39E-04     | 9.12E-05 |
| Excavators                    | Diesel | 2270002077                   | 204                                | 59%                      | 8.08E-06                                            | 5.84E-05                   | 6.78E-04     | 1.01E-04 | 2                                        | 12                                           | 109       | 2.80E-06                           | 2.03E-05                   | 2.35E-04     | 3.50E-05 |
| Excavators                    | Diesel | 2270002077                   | 207                                | 59%                      | 8.08E-06                                            | 5.84E-05                   | 6.78E-04     | 1.01E-04 | 2                                        | 12                                           | 109       | 2.85E-06                           | 2.06E-05                   | 2.39E-04     | 3.55E-05 |
| Excavators                    | Diesel | 2270002077                   | 393                                | 59%                      | 1.19E-05                                            | 7.39E-05                   | 8.85E-04     | 1.38E-04 | 2                                        | 12                                           | 109       | 7.93E-06                           | 4.94E-05                   | 5.92E-04     | 9.25E-05 |
| Excavators                    | Diesel | 2270002077                   | 476                                | 59%                      | 1.19E-05                                            | 7.39E-05                   | 8.85E-04     | 1.38E-04 | 2                                        | 12                                           | 109       | 9.61E-06                           | 5.99E-05                   | 7.17E-04     | 1.12E-04 |
| Graders                       | Diesel | 2270002078                   | 69                                 | 59%                      | 9.09E-05                                            | 4.02E-04                   | 5.19E-03     | 9.22E-04 | 3                                        | 12                                           | 109       | 1.60E-05                           | 7.08E-05                   | 9.14E-04     | 1.62E-04 |
| Graders                       | Diesel | 2270002078                   | 74                                 | 59%                      | 9.09E-05                                            | 4.02E-04                   | 5.19E-03     | 9.22E-04 | 3                                        | 12                                           | 109       | 1.72E-05                           | 7.59E-05                   | 9.80E-04     | 1.74E-04 |
| Graders                       | Diesel | 2270002078                   | 80                                 | 59%                      | 1.43E-05                                            | 6.62E-05                   | 8.55E-04     | 1.49E-04 | 3                                        | 12                                           | 109       | 2.92E-06                           | 1.35E-05                   | 1.75E-04     | 3.03E-05 |
| Graders                       | Diesel | 2270002078                   | 100                                | 59%                      | 1.43E-05                                            | 6.62E-05                   | 8.55E-04     | 1.49E-04 | 2                                        | 12                                           | 109       | 2.43E-06                           | 1.13E-05                   | 1.45E-04     | 2.53E-05 |
| Graders                       | Diesel | 2270002078                   | 145                                | 59%                      | 1.40E-05                                            | 6.83E-05                   | 8.68E-04     | 1.48E-04 | 5                                        | 12                                           | 109       | 8.62E-06                           | 4.21E-05                   | 5.36E-04     | 9.13E-05 |
| Skid Steer loader             | Diesel | 2270002022                   | 58                                 | 21%                      | 1.17E-03                                            | 4.85E-03                   | 5.40E-02     | 1.38E-02 | 3                                        | 12                                           | 109       | 6.15E-05                           | 2.56E-04                   | 2.85E-03     | 7.29E-04 |
| Tampers / Rammers             | Diesel | 2270002007                   | 3                                  | 43%                      | 1.56E-03                                            | 6.55E-03                   | 8.69E-02     | 1.56E-02 | 6                                        | 12                                           | 109       | 1.74E-05                           | 7.31E-05                   | 9.70E-04     | 1.75E-04 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 48                                 | 21%                      | 1.72E-04                                            | 7.44E-04                   | 9.74E-03     | 1.74E-03 | 2                                        | 12                                           | 109       | 5.01E-06                           | 2.16E-05                   | 2.83E-04     | 5.06E-05 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 90                                 | 21%                      | 4.23E-04                                            | 1.73E-03                   | 1.97E-02     | 4.60E-03 | 2                                        | 12                                           | 109       | 2.30E-05                           | 9.42E-05                   | 1.07E-03     | 2.51E-04 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 157                                | 21%                      | 3.09E-04                                            | 1.28E-03                   | 1.53E-02     | 3.29E-03 | 2                                        | 12                                           | 109       | 2.94E-05                           | 1.22E-04                   | 1.46E-03     | 3.13E-04 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 160                                | 21%                      | 3.09E-04                                            | 1.28E-03                   | 1.53E-02     | 3.29E-03 | 9                                        | 12                                           | 109       | 1.35E-04                           | 5.58E-04                   | 6.68E-03     | 1.43E-03 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 230                                | 21%                      | 2.61E-04                                            | 1.09E-03                   | 1.30E-02     | 2.74E-03 | 3                                        | 12                                           | 109       | 5.46E-05                           | 2.28E-04                   | 2.72E-03     | 5.72E-04 |
| CLASS 14 CRANES               |        |                              |                                    |                          |                                                     |                            |              |          |                                          |                                              |           |                                    |                            |              |          |
| Cranes                        | Diesel | 2270002017                   | 155                                | 43%                      | 1.82E-05                                            | 8.57E-05                   | 1.10E-03     | 1.90E-04 | 5                                        | 12                                           | 109       | 8.73E-06                           | 4.12E-05                   | 5.29E-04     | 9.12E-05 |
| Cranes                        | Diesel | 2270002017                   | 285                                | 43%                      | 1.21E-05                                            | 7.49E-05                   | 8.98E-04     | 1.41E-04 | 2                                        | 12                                           | 109       | 4.28E-06                           | 2.65E-05                   | 3.17E-04     | 4.98E-05 |
| Cranes                        | Diesel | 2270002017                   | 340                                | 43%                      | 4.28E-05                                            | 2.00E-04                   | 2.51E-03     | 4.39E-04 | 2                                        | 12                                           | 109       | 1.80E-05                           | 8.42E-05                   | 1.06E-03     | 1.85E-04 |
| Cranes                        | Diesel | 2270002017                   | 400                                | 43%                      | 4.28E-05                                            | 2.00E-04                   | 2.51E-03     | 4.39E-04 | 3                                        | 12                                           | 109       | 3.18E-05                           | 1.49E-04                   | 1.87E-03     | 3.26E-04 |
| Cranes                        | Diesel | 2270002017                   | 450                                | 43%                      | 4.28E-05                                            | 2.00E-04                   | 2.51E-03     | 4.39E-04 | 23                                       | 12                                           | 109       | 2.75E-04                           | 1.28E-03                   | 1.61E-02     | 2.82E-03 |
| Cranes                        | Diesel | 2270002017                   | 500                                | 43%                      | 4.28E-05                                            | 2.00E-04                   | 2.51E-03     | 4.39E-04 | 2                                        | 12                                           | 109       | 2.65E-05                           | 1.24E-04                   | 1.56E-03     | 2.72E-04 |
| Cranes                        | Diesel | 2270002017                   | 510                                | 43%                      | 4.28E-05                                            | 2.00E-04                   | 2.51E-03     | 4.39E-04 | 4                                        | 12                                           | 109       | 5.41E-05                           | 2.53E-04                   | 3.18E-03     | 5.55E-04 |
| Cranes                        | Diesel | 2270002017                   | 550                                | 43%                      | 4.28E-05                                            | 2.00E-04                   | 2.51E-03     | 4.39E-04 | 14                                       | 12                                           | 109       | 2.04E-04                           | 9.54E-04                   | 1.20E-02     | 2.09E-03 |
| CLASS 15 FORKLIFT             |        |                              |                                    |                          |                                                     |                            |              |          |                                          |                                              |           |                                    |                            |              |          |
| Aerial Lifts                  | Diesel | 2270003025                   | 49                                 | 21%                      | 9.15E-04                                            | 3.90E-03                   | 4.24E-02     | 1.21E-02 | 2                                        | 12                                           | 109       | 2.72E-05                           | 1.16E-04                   | 1.26E-03     | 3.60E-04 |
| Aerial Lifts                  | Diesel | 2270003025                   | 51                                 | 21%                      | 7.00E-04                                            | 2.89E-03                   | 3.29E-02     | 7.88E-03 | 4                                        | 12                                           | 109       | 4.32E-05                           | 1.79E-04                   | 2.03E-03     | 4.86E-04 |
| Aerial Lifts                  | Diesel | 2270003025                   | 74                                 | 21%                      | 7.00E-04                                            | 2.89E-03                   | 3.29E-02     | 7.88E-03 | 2                                        | 12                                           | 109       | 3.14E-05                           | 1.30E-04                   | 1.47E-03     | 3.53E-04 |
| Forklifts                     | Diesel | 2270003026                   | 7                                  | 59%                      | 6.56E-04                                            | 2.76E-03                   | 3.67E-02     | 6.60E-03 | 2                                        | 12                                           | 109       | 7.81E-06                           | 3.29E-05                   | 4.37E-04     | 7.86E-05 |
| Forklifts                     | Diesel | 2270003026                   | 74                                 | 59%                      | 8.94E-05                                            | 3.96E-04                   | 5.11E-03     | 9.07E-04 | 9                                        | 12                                           | 109       | 5.07E-05                           | 2.24E-04                   | 2.89E-03     | 5.14E-04 |
| Forklifts                     | Diesel | 2270003026                   | 80                                 | 59%                      | 1.14E-05                                            | 5.41E-05                   | 6.94E-04     | 1.19E-04 | 2                                        | 12                                           | 109       | 1.55E-06                           | 7.36E-06                   | 9.44E-05     | 1.63E-05 |
| Forklifts                     | Diesel | 2270003026                   | 99                                 | 59%                      | 1.14E-05                                            | 5.41E-05                   | 6.94E-04     | 1.19E-04 | 2                                        | 12                                           | 109       | 1.92E-06                           | 9.11E-06                   | 1.17E-04     | 2.01E-05 |
| CLASS 16 CONCRETE / AGGREGATE |        |                              |                                    |                          |                                                     |                            |              |          |                                          |                                              |           |                                    |                            |              |          |
| Pumps                         | Diesel | 2270006065                   | 58                                 | 43%                      | 3.86E-04                                            | 1.62E-03                   | 1.81E-02     | 4.61E-03 | 3                                        | 12                                           | 109       | 4.17E-05                           | 1.75E-04                   | 1.96E-03     | 4.98E-04 |
| Concrete / Industrial Saws    | Diesel | 2270002015                   | 11                                 | 59%                      | 1.56E-03                                            | 6.56E-03                   | 8.71E-02     | 1.57E-02 | 2                                        | 12                                           | 109       | 2.92E-05                           | 1.23E-04                   | 1.63E-03     | 2.93E-04 |

**Table 9.B.12 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2029 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions**  
**(Continued)**

| Equipment Type                                                                                                                                                      | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup><br>(hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |                            |              |          | No. of<br>Equipment/<br>Day <sup>3</sup> | Equipment<br>Operating Duration <sup>3</sup> |           | Pollutant Emissions<br>(tons/year) |                            |              |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------|------------------------------------|--------------------------|-----------------------------------------------------|----------------------------|--------------|----------|------------------------------------------|----------------------------------------------|-----------|------------------------------------|----------------------------|--------------|----------|
|                                                                                                                                                                     |        |                              |                                    |                          | 1,3-Butadiene                                       | 2,2,4-<br>Trimethylpentane | Acetaldehyde | Acrolein |                                          | Hours/Day                                    | Days/Year | 1,3-Butadiene                      | 2,2,4-<br>Trimethylpentane | Acetaldehyde | Acrolein |
| CLASS 17 AIR COMPRESSORS                                                                                                                                            |        |                              |                                    |                          |                                                     |                            |              |          |                                          |                                              |           |                                    |                            |              |          |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 5                                  | 43%                      | 1.56E-03                                            | 6.56E-03                   | 8.71E-02     | 1.57E-02 | 2                                        | 12                                           | 109       | 1.47E-03                           | 6.18E-03                   | 8.21E-02     | 1.48E-02 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 13                                 | 43%                      | 6.54E-04                                            | 2.75E-03                   | 3.66E-02     | 6.58E-03 | 2                                        | 12                                           | 109       | 1.05E-05                           | 4.44E-05                   | 5.90E-04     | 1.06E-04 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 35                                 | 43%                      | 1.68E-04                                            | 7.24E-04                   | 9.47E-03     | 1.69E-03 | 2                                        | 12                                           | 109       | 7.27E-06                           | 3.14E-05                   | 4.11E-04     | 7.35E-05 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 49                                 | 43%                      | 1.68E-04                                            | 7.24E-04                   | 9.47E-03     | 1.69E-03 | 2                                        | 12                                           | 109       | 1.02E-05                           | 4.40E-05                   | 5.75E-04     | 1.03E-04 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 75                                 | 43%                      | 4.35E-05                                            | 1.87E-04                   | 2.43E-03     | 4.36E-04 | 2                                        | 12                                           | 109       | 4.05E-06                           | 1.74E-05                   | 2.26E-04     | 4.06E-05 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 130                                | 43%                      | 3.92E-05                                            | 1.73E-04                   | 2.26E-03     | 4.00E-04 | 2                                        | 12                                           | 109       | 6.32E-06                           | 2.80E-05                   | 3.64E-04     | 6.44E-05 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 300                                | 43%                      | 9.14E-05                                            | 3.99E-04                   | 4.78E-03     | 1.01E-03 | 12                                       | 12                                           | 109       | 2.04E-04                           | 8.91E-04                   | 1.07E-02     | 2.25E-03 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 475                                | 43%                      | 9.14E-05                                            | 3.99E-04                   | 4.78E-03     | 1.01E-03 | 2                                        | 12                                           | 109       | 5.39E-05                           | 2.35E-04                   | 2.82E-03     | 5.94E-04 |
| CLASS 55,56 SMALL CAPITAL EQUIPMENT                                                                                                                                 |        |                              |                                    |                          |                                                     |                            |              |          |                                          |                                              |           |                                    |                            |              |          |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 14                                 | 43%                      | 7.28E-04                                            | 3.06E-03                   | 3.95E-02     | 7.64E-03 | 6                                        | 12                                           | 109       | 3.79E-05                           | 1.60E-04                   | 2.06E-03     | 3.98E-04 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 20                                 | 43%                      | 7.28E-04                                            | 3.06E-03                   | 3.95E-02     | 7.64E-03 | 15                                       | 12                                           | 109       | 1.35E-04                           | 5.70E-04                   | 7.35E-03     | 1.42E-03 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 36                                 | 43%                      | 2.70E-04                                            | 1.15E-03                   | 1.44E-02     | 2.95E-03 | 2                                        | 12                                           | 109       | 1.20E-05                           | 5.15E-05                   | 6.45E-04     | 1.32E-04 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 100                                | 43%                      | 2.53E-04                                            | 1.06E-03                   | 1.19E-02     | 2.97E-03 | 3                                        | 12                                           | 109       | 4.70E-05                           | 1.96E-04                   | 2.22E-03     | 5.53E-04 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 270                                | 43%                      | 2.25E-04                                            | 9.49E-04                   | 1.07E-02     | 2.61E-03 | 2                                        | 12                                           | 109       | 7.55E-05                           | 3.18E-04                   | 3.59E-03     | 8.72E-04 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 2,346                              | 43%                      | 1.70E-04                                            | 7.29E-04                   | 8.12E-03     | 2.10E-03 | 2                                        | 12                                           | 109       | 4.96E-04                           | 2.12E-03                   | 2.36E-02     | 6.10E-03 |
| OTHER EQUIPMENT                                                                                                                                                     |        |                              |                                    |                          |                                                     |                            |              |          |                                          |                                              |           |                                    |                            |              |          |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 10                                 | 43%                      | 1.56E-03                                            | 6.56E-03                   | 8.71E-02     | 1.57E-02 | 2                                        | 12                                           | 109       | 1.93E-05                           | 8.13E-05                   | 1.08E-03     | 1.94E-04 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 20                                 | 43%                      | 6.54E-04                                            | 2.75E-03                   | 3.66E-02     | 6.57E-03 | 10                                       | 12                                           | 109       | 8.11E-05                           | 3.41E-04                   | 4.53E-03     | 8.15E-04 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 22                                 | 43%                      | 6.54E-04                                            | 2.75E-03                   | 3.66E-02     | 6.57E-03 | 2                                        | 12                                           | 109       | 1.78E-05                           | 7.51E-05                   | 9.97E-04     | 1.79E-04 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 85                                 | 43%                      | 2.62E-05                                            | 1.16E-04                   | 1.51E-03     | 2.67E-04 | 2                                        | 12                                           | 109       | 2.76E-06                           | 1.22E-05                   | 1.59E-04     | 2.81E-05 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 265                                | 43%                      | 2.01E-05                                            | 1.08E-04                   | 1.34E-03     | 2.21E-04 | 2                                        | 12                                           | 109       | 6.62E-06                           | 3.55E-05                   | 4.40E-04     | 7.25E-05 |
| Welders                                                                                                                                                             | Diesel | 2270006068                   | 58                                 | 21%                      | 7.79E-04                                            | 3.25E-03                   | 3.55E-02     | 9.49E-03 | 4                                        | 12                                           | 109       | 5.47E-05                           | 2.28E-04                   | 2.50E-03     | 6.67E-04 |
| Total                                                                                                                                                               |        |                              |                                    |                          |                                                     |                            |              |          |                                          |                                              |           | 0.01                               | 0.04                       | 0.42         | 0.10     |
| 1. Based on EPA MOVES5.<br>2. EPA MOVES5 run for calendar year 2029, Cameron Parish.<br>3. Based on engineering estimates and best currently available information. |        |                              |                                    |                          |                                                     |                            |              |          |                                          |                                              |           |                                    |                            |              |          |

**Table 9.B.12 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2025 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions**  
**(Continued)**

| Equipment Type                | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup><br>(hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |               |              |          |             | No. of Equipment/<br>Day <sup>3</sup> | Equipment Operating Duration <sup>3</sup> |           | Pollutant Emissions<br>(tons/year) |               |              |          |             |
|-------------------------------|--------|------------------------------|------------------------------------|--------------------------|-----------------------------------------------------|---------------|--------------|----------|-------------|---------------------------------------|-------------------------------------------|-----------|------------------------------------|---------------|--------------|----------|-------------|
|                               |        |                              |                                    |                          | Benzene                                             | Ethyl Benzene | Formaldehyde | Hexane   | Naphthalene |                                       | Hours/Day                                 | Days/Year | Benzene                            | Ethyl Benzene | Formaldehyde | Hexane   | Naphthalene |
| CLASS 11 EARTHMOVING          |        |                              |                                    |                          |                                                     |               |              |          |             |                                       |                                           |           |                                    |               |              |          |             |
| Bore / Drill Rigs             | Diesel | 2270002014                   | 1,000                              | 43%                      | 5.20E-03                                            | 1.25E-03      | 4.51E-02     | 4.28E-04 | 6.40E-04    | 20                                    | 12                                        | 109       | 6.45E-02                           | 1.56E-02      | 5.60E-01     | 5.31E-03 | 7.94E-03    |
| Dozers                        | Diesel | 2270002081                   | 70                                 | 59%                      | 2.61E-03                                            | 2.34E-04      | 1.47E-02     | 2.35E-05 | 2.90E-04    | 2                                     | 12                                        | 109       | 3.11E-04                           | 2.79E-05      | 1.76E-03     | 2.80E-06 | 3.45E-05    |
| Excavators                    | Diesel | 2270002077                   | 97                                 | 59%                      | 3.55E-04                                            | 4.46E-05      | 1.95E-03     | 1.22E-06 | 3.12E-05    | 6                                     | 12                                        | 109       | 1.76E-04                           | 2.21E-05      | 9.66E-04     | 6.06E-07 | 1.55E-05    |
| Excavators                    | Diesel | 2270002077                   | 138                                | 59%                      | 3.52E-04                                            | 5.31E-05      | 1.96E-03     | 2.05E-06 | 3.19E-05    | 6                                     | 12                                        | 109       | 2.48E-04                           | 3.74E-05      | 1.38E-03     | 1.44E-06 | 2.25E-05    |
| Excavators                    | Diesel | 2270002077                   | 204                                | 59%                      | 2.35E-04                                            | 8.25E-05      | 1.41E-03     | 4.91E-06 | 2.34E-05    | 2                                     | 12                                        | 109       | 8.15E-05                           | 2.86E-05      | 4.90E-04     | 1.71E-06 | 8.13E-06    |
| Excavators                    | Diesel | 2270002077                   | 207                                | 59%                      | 2.35E-04                                            | 8.25E-05      | 1.41E-03     | 4.91E-06 | 2.34E-05    | 2                                     | 12                                        | 109       | 8.27E-05                           | 2.91E-05      | 4.98E-04     | 1.73E-06 | 8.25E-06    |
| Excavators                    | Diesel | 2270002077                   | 393                                | 59%                      | 3.45E-04                                            | 9.02E-05      | 2.00E-03     | 4.83E-06 | 3.28E-05    | 2                                     | 12                                        | 109       | 2.31E-04                           | 6.03E-05      | 1.34E-03     | 3.23E-06 | 2.19E-05    |
| Excavators                    | Diesel | 2270002077                   | 476                                | 59%                      | 3.45E-04                                            | 9.02E-05      | 2.00E-03     | 4.83E-06 | 3.28E-05    | 2                                     | 12                                        | 109       | 2.79E-04                           | 7.31E-05      | 1.62E-03     | 3.91E-06 | 2.66E-05    |
| Graders                       | Diesel | 2270002078                   | 69                                 | 59%                      | 2.60E-03                                            | 2.33E-04      | 1.47E-02     | 2.35E-05 | 2.89E-04    | 3                                     | 12                                        | 109       | 4.58E-04                           | 4.10E-05      | 2.58E-03     | 4.14E-06 | 5.09E-05    |
| Graders                       | Diesel | 2270002078                   | 74                                 | 59%                      | 2.60E-03                                            | 2.33E-04      | 1.47E-02     | 2.35E-05 | 2.89E-04    | 3                                     | 12                                        | 109       | 4.91E-04                           | 4.40E-05      | 2.77E-03     | 4.44E-06 | 5.46E-05    |
| Graders                       | Diesel | 2270002078                   | 80                                 | 59%                      | 4.16E-04                                            | 4.94E-05      | 2.28E-03     | 1.26E-06 | 3.66E-05    | 3                                     | 12                                        | 109       | 8.48E-05                           | 1.01E-05      | 4.65E-04     | 2.58E-07 | 7.47E-06    |
| Graders                       | Diesel | 2270002078                   | 100                                | 59%                      | 4.16E-04                                            | 4.94E-05      | 2.28E-03     | 1.26E-06 | 3.66E-05    | 2                                     | 12                                        | 109       | 7.07E-05                           | 8.40E-06      | 3.88E-04     | 2.15E-07 | 6.22E-06    |
| Graders                       | Diesel | 2270002078                   | 145                                | 59%                      | 4.06E-04                                            | 5.72E-05      | 2.25E-03     | 2.05E-06 | 3.66E-05    | 5                                     | 12                                        | 109       | 2.50E-04                           | 3.53E-05      | 1.39E-03     | 1.27E-06 | 2.26E-05    |
| Skid Steer loader             | Diesel | 2270002022                   | 58                                 | 21%                      | 2.04E-02                                            | 3.80E-03      | 1.52E-01     | 1.05E-03 | 2.27E-03    | 3                                     | 12                                        | 109       | 1.07E-03                           | 2.00E-04      | 8.00E-03     | 5.51E-05 | 1.20E-04    |
| Tampers / Rammers             | Diesel | 2270002007                   | 3                                  | 43%                      | 4.52E-02                                            | 3.67E-03      | 2.44E-01     | 3.82E-06 | 3.88E-03    | 6                                     | 12                                        | 109       | 5.04E-04                           | 4.09E-05      | 2.72E-03     | 4.26E-08 | 4.33E-05    |
| Tractors / Backhoes           | Diesel | 2270002021                   | 48                                 | 21%                      | 4.97E-03                                            | 4.24E-04      | 2.74E-02     | 2.22E-05 | 4.89E-04    | 2                                     | 12                                        | 109       | 1.44E-04                           | 1.23E-05      | 7.97E-04     | 6.46E-07 | 1.42E-05    |
| Tractors / Backhoes           | Diesel | 2270002021                   | 90                                 | 21%                      | 7.43E-03                                            | 1.22E-03      | 5.53E-02     | 3.91E-04 | 7.94E-04    | 2                                     | 12                                        | 109       | 4.05E-04                           | 6.66E-05      | 3.01E-03     | 2.13E-05 | 4.33E-05    |
| Tractors / Backhoes           | Diesel | 2270002021                   | 157                                | 21%                      | 6.53E-03                                            | 8.57E-04      | 4.29E-02     | 1.99E-04 | 6.40E-04    | 2                                     | 12                                        | 109       | 6.21E-04                           | 8.15E-05      | 4.08E-03     | 1.89E-05 | 6.09E-05    |
| Tractors / Backhoes           | Diesel | 2270002021                   | 160                                | 21%                      | 6.53E-03                                            | 8.57E-04      | 4.29E-02     | 1.99E-04 | 6.40E-04    | 9                                     | 12                                        | 109       | 2.85E-03                           | 3.74E-04      | 1.87E-02     | 8.68E-05 | 2.79E-04    |
| Tractors / Backhoes           | Diesel | 2270002021                   | 230                                | 21%                      | 5.43E-03                                            | 7.40E-04      | 3.62E-02     | 1.82E-04 | 5.35E-04    | 3                                     | 12                                        | 109       | 1.13E-03                           | 1.55E-04      | 7.57E-03     | 3.80E-05 | 1.12E-04    |
| CLASS 14 CRANES               |        |                              |                                    |                          |                                                     |               |              |          |             |                                       |                                           |           |                                    |               |              |          |             |
| Cranes                        | Diesel | 2270002017                   | 155                                | 43%                      | 5.27E-04                                            | 6.67E-05      | 2.91E-03     | 2.11E-06 | 4.69E-05    | 5                                     | 12                                        | 109       | 2.53E-04                           | 3.21E-05      | 1.40E-03     | 1.01E-06 | 2.25E-05    |
| Cranes                        | Diesel | 2270002017                   | 285                                | 43%                      | 3.51E-04                                            | 9.08E-05      | 2.04E-03     | 4.93E-06 | 3.34E-05    | 2                                     | 12                                        | 109       | 1.24E-04                           | 3.21E-05      | 7.21E-04     | 1.74E-06 | 1.18E-05    |
| Cranes                        | Diesel | 2270002017                   | 340                                | 43%                      | 1.14E-03                                            | 1.56E-04      | 6.62E-03     | 1.38E-05 | 1.03E-04    | 2                                     | 12                                        | 109       | 4.80E-04                           | 6.59E-05      | 2.79E-03     | 5.83E-06 | 4.35E-05    |
| Cranes                        | Diesel | 2270002017                   | 400                                | 43%                      | 1.14E-03                                            | 1.56E-04      | 6.62E-03     | 1.38E-05 | 1.03E-04    | 3                                     | 12                                        | 109       | 8.47E-04                           | 1.16E-04      | 4.92E-03     | 1.03E-05 | 7.68E-05    |
| Cranes                        | Diesel | 2270002017                   | 450                                | 43%                      | 1.14E-03                                            | 1.56E-04      | 6.62E-03     | 1.38E-05 | 1.03E-04    | 23                                    | 12                                        | 109       | 7.30E-03                           | 1.00E-03      | 4.25E-02     | 8.87E-05 | 6.63E-04    |
| Cranes                        | Diesel | 2270002017                   | 500                                | 43%                      | 1.14E-03                                            | 1.56E-04      | 6.62E-03     | 1.38E-05 | 1.03E-04    | 2                                     | 12                                        | 109       | 7.06E-04                           | 9.69E-05      | 4.10E-03     | 8.57E-06 | 6.40E-05    |
| Cranes                        | Diesel | 2270002017                   | 510                                | 43%                      | 1.14E-03                                            | 1.56E-04      | 6.62E-03     | 1.38E-05 | 1.03E-04    | 4                                     | 12                                        | 109       | 1.44E-03                           | 1.98E-04      | 8.37E-03     | 1.75E-05 | 1.31E-04    |
| Cranes                        | Diesel | 2270002017                   | 550                                | 43%                      | 1.14E-03                                            | 1.56E-04      | 6.62E-03     | 1.38E-05 | 1.03E-04    | 14                                    | 12                                        | 109       | 5.43E-03                           | 7.46E-04      | 3.16E-02     | 6.60E-05 | 4.93E-04    |
| CLASS 15 FORKLIFT             |        |                              |                                    |                          |                                                     |               |              |          |             |                                       |                                           |           |                                    |               |              |          |             |
| Aerial Lifts                  | Diesel | 2270003025                   | 49                                 | 21%                      | 1.61E-02                                            | 3.48E-03      | 1.19E-01     | 7.41E-04 | 1.86E-03    | 2                                     | 12                                        | 109       | 4.79E-04                           | 1.03E-04      | 3.52E-03     | 2.20E-05 | 5.51E-05    |
| Aerial Lifts                  | Diesel | 2270003025                   | 51                                 | 21%                      | 1.28E-02                                            | 2.11E-03      | 9.26E-02     | 6.07E-04 | 1.40E-03    | 4                                     | 12                                        | 109       | 7.88E-04                           | 1.30E-04      | 5.72E-03     | 3.75E-05 | 8.62E-05    |
| Aerial Lifts                  | Diesel | 2270003025                   | 74                                 | 21%                      | 1.28E-02                                            | 2.11E-03      | 9.26E-02     | 6.07E-04 | 1.40E-03    | 2                                     | 12                                        | 109       | 5.72E-04                           | 9.46E-05      | 4.15E-03     | 2.72E-05 | 6.26E-05    |
| Forklifts                     | Diesel | 2270003026                   | 7                                  | 59%                      | 1.91E-02                                            | 1.54E-03      | 1.03E-01     | 0.00E+00 | 1.64E-03    | 2                                     | 12                                        | 109       | 2.27E-04                           | 1.84E-05      | 1.23E-03     | 0.00E+00 | 1.95E-05    |
| Forklifts                     | Diesel | 2270003026                   | 74                                 | 59%                      | 2.56E-03                                            | 2.30E-04      | 1.44E-02     | 2.34E-05 | 2.85E-04    | 9                                     | 12                                        | 109       | 1.45E-03                           | 1.30E-04      | 8.18E-03     | 1.33E-05 | 1.61E-04    |
| Forklifts                     | Diesel | 2270003026                   | 80                                 | 59%                      | 3.31E-04                                            | 4.28E-05      | 1.82E-03     | 1.23E-06 | 2.92E-05    | 2                                     | 12                                        | 109       | 4.51E-05                           | 5.83E-06      | 2.48E-04     | 1.67E-07 | 3.98E-06    |
| Forklifts                     | Diesel | 2270003026                   | 99                                 | 59%                      | 3.31E-04                                            | 4.28E-05      | 1.82E-03     | 1.23E-06 | 2.92E-05    | 2                                     | 12                                        | 109       | 5.58E-05                           | 7.21E-06      | 3.07E-04     | 2.07E-07 | 4.92E-06    |
| CLASS 16 CONCRETE / AGGREGATE |        |                              |                                    |                          |                                                     |               |              |          |             |                                       |                                           |           |                                    |               |              |          |             |
| Pumps                         | Diesel | 2270006065                   | 58                                 | 43%                      | 6.98E-03                                            | 1.27E-03      | 5.10E-02     | 3.34E-04 | 8.00E-04    | 3                                     | 12                                        | 109       | 7.53E-04                           | 1.37E-04      | 5.50E-03     | 3.60E-05 | 8.63E-05    |
| Concrete / Industrial Saws    | Diesel | 2270002015                   | 11                                 | 59%                      | 4.53E-02                                            | 3.67E-03      | 2.45E-01     | 0.00E+00 | 3.89E-03    | 2                                     | 12                                        | 109       | 8.48E-04                           | 6.87E-05      | 4.58E-03     | 0.00E+00 | 7.28E-05    |

**Table 9.B.12 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2025 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions**  
**(Continued)**

| Equipment Type                                                                                                                                                      | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup><br>(hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |               |              |          |             | No. of Equipment/<br>Day <sup>3</sup> | Equipment Operating Duration <sup>3</sup> |           | Pollutant Emissions<br>(tons/year) |               |              |          |             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------|------------------------------------|--------------------------|-----------------------------------------------------|---------------|--------------|----------|-------------|---------------------------------------|-------------------------------------------|-----------|------------------------------------|---------------|--------------|----------|-------------|
|                                                                                                                                                                     |        |                              |                                    |                          | Benzene                                             | Ethyl Benzene | Formaldehyde | Hexane   | Naphthalene |                                       | Hours/Day                                 | Days/Year | Benzene                            | Ethyl Benzene | Formaldehyde | Hexane   | Naphthalene |
| CLASS 17 AIR COMPRESSORS                                                                                                                                            |        |                              |                                    |                          |                                                     |               |              |          |             |                                       |                                           |           |                                    |               |              |          |             |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 5                                  | 43%                      | 4.53E-02                                            | 3.67E-03      | 2.45E-01     | 0.00E+00 | 3.89E-03    | 2                                     | 12                                        | 109       | 4.27E-02                           | 3.46E-03      | 2.31E-01     | 0.00E+00 | 3.66E-03    |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 13                                 | 43%                      | 1.90E-02                                            | 1.54E-03      | 1.03E-01     | 0.00E+00 | 1.63E-03    | 2                                     | 12                                        | 109       | 3.07E-04                           | 2.48E-05      | 1.66E-03     | 0.00E+00 | 2.63E-05    |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 35                                 | 43%                      | 4.83E-03                                            | 4.13E-04      | 2.67E-02     | 2.23E-05 | 4.77E-04    | 2                                     | 12                                        | 109       | 2.10E-04                           | 1.79E-05      | 1.16E-03     | 9.67E-07 | 2.07E-05    |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 49                                 | 43%                      | 4.83E-03                                            | 4.13E-04      | 2.67E-02     | 2.23E-05 | 4.77E-04    | 2                                     | 12                                        | 109       | 2.94E-04                           | 2.51E-05      | 1.62E-03     | 1.35E-06 | 2.90E-05    |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 75                                 | 43%                      | 1.20E-03                                            | 1.16E-04      | 6.73E-03     | 7.10E-06 | 1.06E-04    | 2                                     | 12                                        | 109       | 1.12E-04                           | 1.08E-05      | 6.26E-04     | 6.60E-07 | 9.89E-06    |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 130                                | 43%                      | 1.12E-03                                            | 1.14E-04      | 6.18E-03     | 3.42E-06 | 9.89E-05    | 2                                     | 12                                        | 109       | 1.81E-04                           | 1.84E-05      | 9.96E-04     | 5.51E-07 | 1.59E-05    |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 300                                | 43%                      | 2.05E-03                                            | 3.04E-04      | 1.31E-02     | 5.11E-05 | 1.99E-04    | 12                                    | 12                                        | 109       | 4.58E-03                           | 6.79E-04      | 2.91E-02     | 1.14E-04 | 4.45E-04    |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 475                                | 43%                      | 2.05E-03                                            | 3.04E-04      | 1.31E-02     | 5.11E-05 | 1.99E-04    | 2                                     | 12                                        | 109       | 1.21E-03                           | 1.79E-04      | 7.69E-03     | 3.01E-05 | 1.17E-04    |
| CLASS 55,56 SMALL CAPITAL EQUIPMENT                                                                                                                                 |        |                              |                                    |                          |                                                     |               |              |          |             |                                       |                                           |           |                                    |               |              |          |             |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 14                                 | 43%                      | 1.98E-02                                            | 1.86E-03      | 1.11E-01     | 9.84E-05 | 1.75E-03    | 6                                     | 12                                        | 109       | 1.03E-03                           | 9.70E-05      | 5.78E-03     | 5.13E-06 | 9.12E-05    |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 20                                 | 43%                      | 1.98E-02                                            | 1.86E-03      | 1.11E-01     | 9.84E-05 | 1.75E-03    | 15                                    | 12                                        | 109       | 3.68E-03                           | 3.47E-04      | 2.06E-02     | 1.83E-05 | 3.26E-04    |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 36                                 | 43%                      | 6.93E-03                                            | 7.55E-04      | 4.06E-02     | 8.19E-05 | 6.86E-04    | 2                                     | 12                                        | 109       | 3.09E-04                           | 3.37E-05      | 1.81E-03     | 3.65E-06 | 3.06E-05    |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 100                                | 43%                      | 4.65E-03                                            | 8.23E-04      | 3.34E-02     | 2.06E-04 | 4.97E-04    | 3                                     | 12                                        | 109       | 8.64E-04                           | 1.53E-04      | 6.21E-03     | 3.84E-05 | 9.24E-05    |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 270                                | 43%                      | 4.12E-03                                            | 7.42E-04      | 2.98E-02     | 1.91E-04 | 4.41E-04    | 2                                     | 12                                        | 109       | 1.38E-03                           | 2.48E-04      | 9.98E-03     | 6.39E-05 | 1.48E-04    |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 2,346                              | 43%                      | 3.09E-03                                            | 6.20E-04      | 2.24E-02     | 1.41E-04 | 3.37E-04    | 2                                     | 12                                        | 109       | 8.98E-03                           | 1.80E-03      | 6.52E-02     | 4.11E-04 | 9.81E-04    |
| OTHER EQUIPMENT                                                                                                                                                     |        |                              |                                    |                          |                                                     |               |              |          |             |                                       |                                           |           |                                    |               |              |          |             |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 10                                 | 43%                      | 4.53E-02                                            | 3.67E-03      | 2.45E-01     | 0.00E+00 | 3.89E-03    | 2                                     | 12                                        | 109       | 5.62E-04                           | 4.55E-05      | 3.03E-03     | 0.00E+00 | 4.82E-05    |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 20                                 | 43%                      | 1.90E-02                                            | 1.54E-03      | 1.03E-01     | 0.00E+00 | 1.63E-03    | 10                                    | 12                                        | 109       | 2.36E-03                           | 1.91E-04      | 1.27E-02     | 0.00E+00 | 2.02E-04    |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 22                                 | 43%                      | 1.90E-02                                            | 1.54E-03      | 1.03E-01     | 0.00E+00 | 1.63E-03    | 2                                     | 12                                        | 109       | 5.19E-04                           | 4.20E-05      | 2.80E-03     | 0.00E+00 | 4.45E-05    |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 85                                 | 43%                      | 7.44E-04                                            | 7.66E-05      | 4.12E-03     | 2.96E-06 | 6.59E-05    | 2                                     | 12                                        | 109       | 7.85E-05                           | 8.07E-06      | 4.34E-04     | 3.12E-07 | 6.94E-06    |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 265                                | 43%                      | 5.81E-04                                            | 1.08E-04      | 3.29E-03     | 5.35E-06 | 5.39E-05    | 2                                     | 12                                        | 109       | 1.91E-04                           | 3.55E-05      | 1.08E-03     | 1.76E-06 | 1.77E-05    |
| Welders                                                                                                                                                             | Diesel | 2270006068                   | 58                                 | 21%                      | 1.29E-02                                            | 2.65E-03      | 9.98E-02     | 7.44E-04 | 1.51E-03    | 4                                     | 12                                        | 109       | 9.09E-04                           | 1.86E-04      | 7.01E-03     | 5.22E-05 | 1.06E-04    |
| Total                                                                                                                                                               |        |                              |                                    |                          |                                                     |               |              |          |             |                                       |                                           |           | 0.17                               | 0.03          | 1.16         | 0.01     | 0.02        |
| 1. Based on EPA MOVES5.<br>2. EPA MOVES5 run for calendar year 2029, Cameron Parish.<br>3. Based on engineering estimates and best currently available information. |        |                              |                                    |                          |                                                     |               |              |          |             |                                       |                                           |           |                                    |               |              |          |             |

**Table 9.B.12 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2029 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions**  
**(Continued)**

| Equipment Type                | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup> (hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup> (g/hp-hr) |                 |          |          | No. of Equipment/<br>Day <sup>3</sup> | Equipment Operating Duration <sup>3</sup> |           | Pollutant Emissions (tons/year) |                 |          |          |
|-------------------------------|--------|------------------------------|---------------------------------|--------------------------|--------------------------------------------------|-----------------|----------|----------|---------------------------------------|-------------------------------------------|-----------|---------------------------------|-----------------|----------|----------|
|                               |        |                              |                                 |                          | PAH                                              | Propionaldehyde | Toluene  | Xylenes  |                                       | Hours/Day                                 | Days/Year | PAH                             | Propionaldehyde | Toluene  | Xylenes  |
| CLASS 11 EARTHMOVING          |        |                              |                                 |                          |                                                  |                 |          |          |                                       |                                           |           |                                 |                 |          |          |
| Bore / Drill Rigs             | Diesel | 2270002014                   | 1,000                           | 43%                      | 8.06E-04                                         | 5.09E-03        | 3.99E-03 | 3.64E-03 | 20                                    | 12                                        | 109       | 1.00E-02                        | 6.32E-02        | 4.95E-02 | 4.51E-02 |
| Dozers                        | Diesel | 2270002081                   | 70                              | 59%                      | 2.18E-04                                         | 1.05E-03        | 1.92E-03 | 7.13E-04 | 2                                     | 12                                        | 109       | 2.60E-05                        | 1.25E-04        | 2.28E-04 | 8.49E-05 |
| Excavators                    | Diesel | 2270002077                   | 97                              | 59%                      | 3.54E-05                                         | 1.48E-04        | 2.73E-04 | 1.91E-04 | 6                                     | 12                                        | 109       | 1.75E-05                        | 7.34E-05        | 1.35E-04 | 9.47E-05 |
| Excavators                    | Diesel | 2270002077                   | 138                             | 59%                      | 3.43E-05                                         | 1.49E-04        | 2.85E-04 | 2.53E-04 | 6                                     | 12                                        | 109       | 2.41E-05                        | 1.05E-04        | 2.01E-04 | 1.78E-04 |
| Excavators                    | Diesel | 2270002077                   | 204                             | 59%                      | 2.25E-05                                         | 1.11E-04        | 2.63E-04 | 5.10E-04 | 2                                     | 12                                        | 109       | 7.80E-06                        | 3.86E-05        | 9.15E-05 | 1.77E-04 |
| Excavators                    | Diesel | 2270002077                   | 207                             | 59%                      | 2.25E-05                                         | 1.11E-04        | 2.63E-04 | 5.10E-04 | 2                                     | 12                                        | 109       | 7.92E-06                        | 3.92E-05        | 9.28E-05 | 1.80E-04 |
| Excavators                    | Diesel | 2270002077                   | 393                             | 59%                      | 3.26E-05                                         | 1.56E-04        | 3.39E-04 | 5.25E-04 | 2                                     | 12                                        | 109       | 2.18E-05                        | 1.04E-04        | 2.26E-04 | 3.51E-04 |
| Excavators                    | Diesel | 2270002077                   | 476                             | 59%                      | 3.26E-05                                         | 1.56E-04        | 3.39E-04 | 5.25E-04 | 2                                     | 12                                        | 109       | 2.64E-05                        | 1.26E-04        | 2.74E-04 | 4.25E-04 |
| Graders                       | Diesel | 2270002078                   | 69                              | 59%                      | 2.17E-04                                         | 1.05E-03        | 1.91E-03 | 7.10E-04 | 3                                     | 12                                        | 109       | 3.82E-05                        | 1.84E-04        | 3.36E-04 | 1.25E-04 |
| Graders                       | Diesel | 2270002078                   | 74                              | 59%                      | 2.17E-04                                         | 1.05E-03        | 1.91E-03 | 7.10E-04 | 3                                     | 12                                        | 109       | 4.10E-05                        | 1.98E-04        | 3.60E-04 | 1.34E-04 |
| Graders                       | Diesel | 2270002078                   | 80                              | 59%                      | 4.18E-05                                         | 1.73E-04        | 3.15E-04 | 2.03E-04 | 3                                     | 12                                        | 109       | 8.53E-06                        | 3.53E-05        | 6.43E-05 | 4.14E-05 |
| Graders                       | Diesel | 2270002078                   | 100                             | 59%                      | 4.18E-05                                         | 1.73E-04        | 3.15E-04 | 2.03E-04 | 2                                     | 12                                        | 109       | 7.11E-06                        | 2.94E-05        | 5.36E-05 | 3.45E-05 |
| Graders                       | Diesel | 2270002078                   | 145                             | 59%                      | 3.95E-05                                         | 1.71E-04        | 3.22E-04 | 2.63E-04 | 5                                     | 12                                        | 109       | 2.43E-05                        | 1.05E-04        | 1.99E-04 | 1.62E-04 |
| Skid Steer loader             | Diesel | 2270002022                   | 58                              | 21%                      | 2.69E-03                                         | 1.51E-02        | 1.50E-02 | 1.07E-02 | 3                                     | 12                                        | 109       | 1.42E-04                        | 7.95E-04        | 7.91E-04 | 5.65E-04 |
| Tampers / Rammers             | Diesel | 2270002007                   | 3                               | 43%                      | 3.72E-03                                         | 1.84E-02        | 3.16E-02 | 9.71E-03 | 6                                     | 12                                        | 109       | 4.15E-05                        | 2.05E-04        | 3.52E-04 | 1.08E-04 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 48                              | 21%                      | 4.08E-04                                         | 2.01E-03        | 3.56E-03 | 1.21E-03 | 2                                     | 12                                        | 109       | 1.19E-05                        | 5.85E-05        | 1.03E-04 | 3.52E-05 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 90                              | 21%                      | 9.17E-04                                         | 6.19E-03        | 5.69E-03 | 3.78E-03 | 2                                     | 12                                        | 109       | 5.00E-05                        | 3.38E-04        | 3.10E-04 | 2.06E-04 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 157                             | 21%                      | 6.91E-04                                         | 4.26E-03        | 4.83E-03 | 2.60E-03 | 2                                     | 12                                        | 109       | 6.56E-05                        | 4.05E-04        | 4.60E-04 | 2.48E-04 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 160                             | 21%                      | 6.91E-04                                         | 4.26E-03        | 4.83E-03 | 2.60E-03 | 9                                     | 12                                        | 109       | 3.01E-04                        | 1.86E-03        | 2.11E-03 | 1.14E-03 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 230                             | 21%                      | 5.69E-04                                         | 3.75E-03        | 4.12E-03 | 2.46E-03 | 3                                     | 12                                        | 109       | 1.19E-04                        | 7.83E-04        | 8.61E-04 | 5.13E-04 |
| CLASS 14 CRANES               |        |                              |                                 |                          |                                                  |                 |          |          |                                       |                                           |           |                                 |                 |          |          |
| Cranes                        | Diesel | 2270002017                   | 155                             | 43%                      | 5.00E-05                                         | 2.21E-04        | 4.06E-04 | 2.87E-04 | 5                                     | 12                                        | 109       | 2.40E-05                        | 1.06E-04        | 1.95E-04 | 1.38E-04 |
| Cranes                        | Diesel | 2270002017                   | 285                             | 43%                      | 3.25E-05                                         | 1.59E-04        | 3.43E-04 | 5.27E-04 | 2                                     | 12                                        | 109       | 1.15E-05                        | 5.63E-05        | 1.21E-04 | 1.86E-04 |
| Cranes                        | Diesel | 2270002017                   | 340                             | 43%                      | 1.03E-04                                         | 5.76E-04        | 9.05E-04 | 6.99E-04 | 2                                     | 12                                        | 109       | 4.36E-05                        | 2.43E-04        | 3.81E-04 | 2.95E-04 |
| Cranes                        | Diesel | 2270002017                   | 400                             | 43%                      | 1.03E-04                                         | 5.76E-04        | 9.05E-04 | 6.99E-04 | 3                                     | 12                                        | 109       | 7.69E-05                        | 4.29E-04        | 6.73E-04 | 5.20E-04 |
| Cranes                        | Diesel | 2270002017                   | 450                             | 43%                      | 1.03E-04                                         | 5.76E-04        | 9.05E-04 | 6.99E-04 | 23                                    | 12                                        | 109       | 6.64E-04                        | 3.70E-03        | 5.80E-03 | 4.49E-03 |
| Cranes                        | Diesel | 2270002017                   | 500                             | 43%                      | 1.03E-04                                         | 5.76E-04        | 9.05E-04 | 6.99E-04 | 2                                     | 12                                        | 109       | 6.41E-05                        | 3.57E-04        | 5.61E-04 | 4.33E-04 |
| Cranes                        | Diesel | 2270002017                   | 510                             | 43%                      | 1.03E-04                                         | 5.76E-04        | 9.05E-04 | 6.99E-04 | 4                                     | 12                                        | 109       | 1.31E-04                        | 7.29E-04        | 1.14E-03 | 8.84E-04 |
| Cranes                        | Diesel | 2270002017                   | 550                             | 43%                      | 1.03E-04                                         | 5.76E-04        | 9.05E-04 | 6.99E-04 | 14                                    | 12                                        | 109       | 4.94E-04                        | 2.75E-03        | 4.32E-03 | 3.34E-03 |
| CLASS 15 FORKLIFT             |        |                              |                                 |                          |                                                  |                 |          |          |                                       |                                           |           |                                 |                 |          |          |
| Aerial Lifts                  | Diesel | 2270003025                   | 49                              | 21%                      | 2.27E-03                                         | 9.41E-03        | 1.12E-02 | 8.91E-03 | 2                                     | 12                                        | 109       | 6.74E-05                        | 2.79E-04        | 3.32E-04 | 2.64E-04 |
| Aerial Lifts                  | Diesel | 2270003025                   | 51                              | 21%                      | 1.55E-03                                         | 9.56E-03        | 9.56E-03 | 6.20E-03 | 4                                     | 12                                        | 109       | 9.58E-05                        | 5.91E-04        | 5.91E-04 | 3.83E-04 |
| Aerial Lifts                  | Diesel | 2270003025                   | 74                              | 21%                      | 1.55E-03                                         | 9.56E-03        | 9.56E-03 | 6.20E-03 | 2                                     | 12                                        | 109       | 6.95E-05                        | 4.28E-04        | 4.29E-04 | 2.78E-04 |
| Forklifts                     | Diesel | 2270003026                   | 7                               | 59%                      | 1.61E-03                                         | 7.76E-03        | 1.33E-02 | 4.09E-03 | 2                                     | 12                                        | 109       | 1.91E-05                        | 9.24E-05        | 1.59E-04 | 4.87E-05 |
| Forklifts                     | Diesel | 2270003026                   | 74                              | 59%                      | 2.13E-04                                         | 1.03E-03        | 1.88E-03 | 7.01E-04 | 9                                     | 12                                        | 109       | 1.21E-04                        | 5.84E-04        | 1.06E-03 | 3.97E-04 |
| Forklifts                     | Diesel | 2270003026                   | 80                              | 59%                      | 3.29E-05                                         | 1.39E-04        | 2.56E-04 | 1.87E-04 | 2                                     | 12                                        | 109       | 4.48E-06                        | 1.89E-05        | 3.49E-05 | 2.54E-05 |
| Forklifts                     | Diesel | 2270003026                   | 99                              | 59%                      | 3.29E-05                                         | 1.39E-04        | 2.56E-04 | 1.87E-04 | 2                                     | 12                                        | 109       | 5.54E-06                        | 2.34E-05        | 4.32E-05 | 3.15E-05 |
| CLASS 16 CONCRETE / AGGREGATE |        |                              |                                 |                          |                                                  |                 |          |          |                                       |                                           |           |                                 |                 |          |          |
| Pumps                         | Diesel | 2270006065                   | 58                              | 43%                      | 9.18E-04                                         | 4.82E-03        | 5.13E-03 | 3.58E-03 | 3                                     | 12                                        | 109       | 9.90E-05                        | 5.20E-04        | 5.54E-04 | 3.87E-04 |
| Concrete / Industrial Saws    | Diesel | 2270002015                   | 11                              | 59%                      | 3.72E-03                                         | 1.84E-02        | 3.17E-02 | 9.72E-03 | 2                                     | 12                                        | 109       | 6.97E-05                        | 3.45E-04        | 5.93E-04 | 1.82E-04 |

**Table 9.B.12 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2029 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions**  
**(Continued)**

| Equipment Type                                                                                                                                                      | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup><br>(hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |                 |          |          | No. of Equipment/<br>Day <sup>3</sup> | Equipment Operating Duration <sup>3</sup> |           | Pollutant Emissions<br>(tons/year) |                 |          |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------|------------------------------------|--------------------------|-----------------------------------------------------|-----------------|----------|----------|---------------------------------------|-------------------------------------------|-----------|------------------------------------|-----------------|----------|----------|
|                                                                                                                                                                     |        |                              |                                    |                          | PAH                                                 | Propionaldehyde | Toluene  | Xylenes  |                                       | Hours/Day                                 | Days/Year | PAH                                | Propionaldehyde | Toluene  | Xylenes  |
| CLASS 17 AIR COMPRESSORS                                                                                                                                            |        |                              |                                    |                          |                                                     |                 |          |          |                                       |                                           |           |                                    |                 |          |          |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 5                                  | 43%                      | 3.72E-03                                            | 1.84E-02        | 3.17E-02 | 9.72E-03 | 2                                     | 12                                        | 109       | 3.51E-03                           | 1.74E-02        | 2.98E-02 | 9.16E-03 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 13                                 | 43%                      | 1.60E-03                                            | 7.74E-03        | 1.33E-02 | 4.08E-03 | 2                                     | 12                                        | 109       | 2.58E-05                           | 1.25E-04        | 2.14E-04 | 6.58E-05 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 35                                 | 43%                      | 3.96E-04                                            | 1.96E-03        | 3.46E-03 | 1.18E-03 | 2                                     | 12                                        | 109       | 1.72E-05                           | 8.49E-05        | 1.50E-04 | 5.13E-05 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 49                                 | 43%                      | 3.96E-04                                            | 1.96E-03        | 3.46E-03 | 1.18E-03 | 2                                     | 12                                        | 109       | 2.40E-05                           | 1.19E-04        | 2.10E-04 | 7.18E-05 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 75                                 | 43%                      | 1.18E-04                                            | 5.51E-04        | 8.74E-04 | 3.85E-04 | 2                                     | 12                                        | 109       | 1.10E-05                           | 5.13E-05        | 8.13E-05 | 3.58E-05 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 130                                | 43%                      | 1.04E-04                                            | 4.77E-04        | 8.24E-04 | 4.08E-04 | 2                                     | 12                                        | 109       | 1.67E-05                           | 7.69E-05        | 1.33E-04 | 6.58E-05 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 300                                | 43%                      | 2.18E-04                                            | 1.19E-03        | 1.55E-03 | 1.07E-03 | 12                                    | 12                                        | 109       | 4.87E-04                           | 2.65E-03        | 3.47E-03 | 2.40E-03 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 475                                | 43%                      | 2.18E-04                                            | 1.19E-03        | 1.55E-03 | 1.07E-03 | 2                                     | 12                                        | 109       | 1.28E-04                           | 6.99E-04        | 9.16E-04 | 6.32E-04 |
| CLASS 55,56 SMALL CAPITAL EQUIPMENT                                                                                                                                 |        |                              |                                    |                          |                                                     |                 |          |          |                                       |                                           |           |                                    |                 |          |          |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 14                                 | 43%                      | 1.77E-03                                            | 8.53E-03        | 1.38E-02 | 4.92E-03 | 6                                     | 12                                        | 109       | 9.24E-05                           | 4.44E-04        | 7.21E-04 | 2.56E-04 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 20                                 | 43%                      | 1.77E-03                                            | 8.53E-03        | 1.38E-02 | 4.92E-03 | 15                                    | 12                                        | 109       | 3.30E-04                           | 1.59E-03        | 2.57E-03 | 9.16E-04 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 36                                 | 43%                      | 6.54E-04                                            | 3.08E-03        | 4.92E-03 | 2.06E-03 | 2                                     | 12                                        | 109       | 2.92E-05                           | 1.38E-04        | 2.20E-04 | 9.19E-05 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 100                                | 43%                      | 5.92E-04                                            | 3.23E-03        | 3.41E-03 | 2.37E-03 | 3                                     | 12                                        | 109       | 1.10E-04                           | 6.01E-04        | 6.35E-04 | 4.41E-04 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 270                                | 43%                      | 5.12E-04                                            | 3.00E-03        | 3.11E-03 | 2.31E-03 | 2                                     | 12                                        | 109       | 1.72E-04                           | 1.00E-03        | 1.04E-03 | 7.72E-04 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 2346                               | 43%                      | 4.09E-04                                            | 2.06E-03        | 2.28E-03 | 1.87E-03 | 2                                     | 12                                        | 109       | 1.19E-03                           | 5.98E-03        | 6.64E-03 | 5.45E-03 |
| OTHER EQUIPMENT                                                                                                                                                     |        |                              |                                    |                          |                                                     |                 |          |          |                                       |                                           |           |                                    |                 |          |          |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 10                                 | 43%                      | 3.72E-03                                            | 1.84E-02        | 3.17E-02 | 9.72E-03 | 2                                     | 12                                        | 109       | 4.62E-05                           | 2.28E-04        | 3.93E-04 | 1.20E-04 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 20                                 | 43%                      | 1.60E-03                                            | 7.73E-03        | 1.33E-02 | 4.08E-03 | 10                                    | 12                                        | 109       | 1.98E-04                           | 9.59E-04        | 1.65E-03 | 5.06E-04 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 22                                 | 43%                      | 1.60E-03                                            | 7.73E-03        | 1.33E-02 | 4.08E-03 | 2                                     | 12                                        | 109       | 4.36E-05                           | 2.11E-04        | 3.62E-04 | 1.11E-04 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 85                                 | 43%                      | 7.33E-05                                            | 3.22E-04        | 5.48E-04 | 2.76E-04 | 2                                     | 12                                        | 109       | 7.73E-06                           | 3.40E-05        | 5.77E-05 | 2.91E-05 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 265                                | 43%                      | 5.24E-05                                            | 2.55E-04        | 5.02E-04 | 5.65E-04 | 2                                     | 12                                        | 109       | 1.72E-05                           | 8.38E-05        | 1.65E-04 | 1.86E-04 |
| Welders                                                                                                                                                             | Diesel | 2270006068                   | 58                                 | 21%                      | 1.82E-03                                            | 9.81E-03        | 9.54E-03 | 7.42E-03 | 4                                     | 12                                        | 109       | 1.28E-04                           | 6.89E-04        | 6.70E-04 | 5.21E-04 |
| Total                                                                                                                                                               |        |                              |                                    |                          |                                                     |                 |          |          |                                       |                                           |           | 0.02                               | 0.11            | 0.12     | 0.08     |
| 1. Based on EPA MOVES5.<br>2. EPA MOVES5 run for calendar year 2029, Cameron Parish.<br>3. Based on engineering estimates and best currently available information. |        |                              |                                    |                          |                                                     |                 |          |          |                                       |                                           |           |                                    |                 |          |          |

**Table 9.B.12 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2029 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions**  
**(Continued)**

| Equipment Type                | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup><br>(hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |             |           |            |          | No. of<br>Equipment/<br>Day <sup>3</sup> | Equipment<br>Operating Duration <sup>3</sup> |           | Pollutant Emissions<br>(tons/year) |             |           |          |          |
|-------------------------------|--------|------------------------------|------------------------------------|--------------------------|-----------------------------------------------------|-------------|-----------|------------|----------|------------------------------------------|----------------------------------------------|-----------|------------------------------------|-------------|-----------|----------|----------|
|                               |        |                              |                                    |                          | Arsenic                                             | Chromium VI | Manganese | Mercury    | Nickel   |                                          | Hours/Day                                    | Days/Year | Arsenic                            | Chromium VI | Manganese | Mercury  | Nickel   |
| CLASS 11 EARTHMOVING          |        |                              |                                    |                          |                                                     |             |           |            |          |                                          |                                              |           |                                    |             |           |          |          |
| Bore / Drill Rigs             | Diesel | 2270002014                   | 1,000                              | 43%                      | 8.32E-07                                            | 4.02E-09    | 1.78E-06  | 1.11E-08   | 3.12E-06 | 20                                       | 12                                           | 109       | 1.03E-05                           | 4.98E-08    | 2.21E-05  | 1.37E-07 | 3.87E-05 |
| Dozers                        | Diesel | 2270002081                   | 70                                 | 59%                      | 9.34E-07                                            | 3.32E-09    | 1.21E-06  | 1.24E-08   | 2.04E-06 | 2                                        | 12                                           | 109       | 1.11E-07                           | 3.95E-10    | 1.44E-07  | 1.48E-09 | 2.43E-07 |
| Excavators                    | Diesel | 2270002077                   | 97                                 | 59%                      | 9.34E-07                                            | 2.85E-09    | 1.01E-06  | 1.2418E-08 | 1.69E-06 | 6                                        | 12                                           | 109       | 4.63E-07                           | 1.41E-09    | 4.99E-07  | 6.15E-09 | 8.38E-07 |
| Excavators                    | Diesel | 2270002077                   | 138                                | 59%                      | 8.41E-07                                            | 3.28E-09    | 1.41E-06  | 1.1182E-08 | 2.45E-06 | 6                                        | 12                                           | 109       | 5.93E-07                           | 2.31E-09    | 9.90E-07  | 7.88E-09 | 1.72E-06 |
| Excavators                    | Diesel | 2270002077                   | 204                                | 59%                      | 8.41E-07                                            | 2.15E-09    | 8.42E-07  | 1.1182E-08 | 1.46E-06 | 2                                        | 12                                           | 109       | 2.92E-07                           | 7.47E-10    | 2.92E-07  | 3.88E-09 | 5.06E-07 |
| Excavators                    | Diesel | 2270002077                   | 207                                | 59%                      | 8.41E-07                                            | 2.15E-09    | 8.42E-07  | 1.1182E-08 | 1.46E-06 | 2                                        | 12                                           | 109       | 2.96E-07                           | 7.58E-10    | 2.96E-07  | 3.94E-09 | 5.13E-07 |
| Excavators                    | Diesel | 2270002077                   | 393                                | 59%                      | 8.41E-07                                            | 2.18E-09    | 8.58E-07  | 1.1182E-08 | 1.49E-06 | 2                                        | 12                                           | 109       | 5.63E-07                           | 1.46E-09    | 5.74E-07  | 7.48E-09 | 9.93E-07 |
| Excavators                    | Diesel | 2270002077                   | 476                                | 59%                      | 8.41E-07                                            | 2.18E-09    | 8.58E-07  | 1.1182E-08 | 1.49E-06 | 2                                        | 12                                           | 109       | 6.81E-07                           | 1.77E-09    | 6.95E-07  | 9.06E-09 | 1.20E-06 |
| Graders                       | Diesel | 2270002078                   | 69                                 | 59%                      | 9.34E-07                                            | 3.32E-09    | 1.21E-06  | 1.2418E-08 | 2.04E-06 | 3                                        | 12                                           | 109       | 1.65E-07                           | 5.84E-10    | 2.13E-07  | 2.19E-09 | 3.59E-07 |
| Graders                       | Diesel | 2270002078                   | 74                                 | 59%                      | 9.34E-07                                            | 3.32E-09    | 1.21E-06  | 1.2418E-08 | 2.04E-06 | 3                                        | 12                                           | 109       | 1.76E-07                           | 6.27E-10    | 2.29E-07  | 2.35E-09 | 3.85E-07 |
| Graders                       | Diesel | 2270002078                   | 80                                 | 59%                      | 9.34E-07                                            | 2.86E-09    | 1.01E-06  | 1.2418E-08 | 1.70E-06 | 3                                        | 12                                           | 109       | 1.91E-07                           | 5.84E-10    | 2.07E-07  | 2.54E-09 | 3.48E-07 |
| Graders                       | Diesel | 2270002078                   | 100                                | 59%                      | 9.34E-07                                            | 2.86E-09    | 1.01E-06  | 1.2418E-08 | 1.70E-06 | 2                                        | 12                                           | 109       | 1.59E-07                           | 4.87E-10    | 1.73E-07  | 2.11E-09 | 2.90E-07 |
| Graders                       | Diesel | 2270002078                   | 145                                | 59%                      | 8.41E-07                                            | 3.28E-09    | 1.40E-06  | 1.1182E-08 | 2.45E-06 | 5                                        | 12                                           | 109       | 5.19E-07                           | 2.02E-09    | 8.66E-07  | 6.90E-09 | 1.51E-06 |
| Skid Steer loader             | Diesel | 2270002022                   | 58                                 | 21%                      | 1.09E-06                                            | 4.45E-09    | 1.80E-06  | 1.4498E-08 | 3.09E-06 | 3                                        | 12                                           | 109       | 5.75E-08                           | 2.34E-10    | 9.46E-08  | 7.64E-10 | 1.63E-07 |
| Tampers / Rammers             | Diesel | 2270002007                   | 3                                  | 43%                      | 9.25E-07                                            | 4.47E-09    | 1.99E-06  | 1.2297E-08 | 3.48E-06 | 6                                        | 12                                           | 109       | 1.03E-08                           | 4.99E-11    | 2.22E-08  | 1.37E-10 | 3.88E-08 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 48                                 | 21%                      | 1.09E-06                                            | 3.95E-09    | 1.46E-06  | 1.4498E-08 | 2.47E-06 | 2                                        | 12                                           | 109       | 3.17E-08                           | 1.15E-10    | 4.25E-08  | 4.21E-10 | 7.19E-08 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 90                                 | 21%                      | 1.09E-06                                            | 3.65E-09    | 1.37E-06  | 1.4498E-08 | 2.33E-06 | 2                                        | 12                                           | 109       | 5.94E-08                           | 1.99E-10    | 7.47E-08  | 7.90E-10 | 1.27E-07 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 157                                | 21%                      | 9.82E-07                                            | 3.98E-09    | 1.72E-06  | 1.3051E-08 | 2.99E-06 | 2                                        | 12                                           | 109       | 9.34E-08                           | 3.79E-10    | 1.63E-07  | 1.24E-09 | 2.85E-07 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 160                                | 21%                      | 9.82E-07                                            | 3.98E-09    | 1.72E-06  | 1.3051E-08 | 2.99E-06 | 9                                        | 12                                           | 109       | 4.28E-07                           | 1.74E-09    | 7.49E-07  | 5.69E-09 | 1.31E-06 |
| Tractors / Backhoes           | Diesel | 2270002021                   | 230                                | 21%                      | 9.82E-07                                            | 2.88E-09    | 1.17E-06  | 1.3051E-08 | 2.03E-06 | 3                                        | 12                                           | 109       | 2.05E-07                           | 6.01E-10    | 2.44E-07  | 2.73E-09 | 4.24E-07 |
| CLASS 14 CRANES               |        |                              |                                    |                          |                                                     |             |           |            |          |                                          |                                              |           |                                    |             |           |          |          |
| Cranes                        | Diesel | 2270002017                   | 155                                | 43%                      | 8.32E-07                                            | 3.26E-09    | 1.40E-06  | 1.1062E-08 | 2.44E-06 | 5                                        | 12                                           | 109       | 4.00E-07                           | 1.57E-09    | 6.72E-07  | 5.32E-09 | 1.17E-06 |
| Cranes                        | Diesel | 2270002017                   | 285                                | 43%                      | 8.32E-07                                            | 2.16E-09    | 8.49E-07  | 1.1062E-08 | 1.47E-06 | 2                                        | 12                                           | 109       | 2.94E-07                           | 7.63E-10    | 3.00E-07  | 3.91E-09 | 5.19E-07 |
| Cranes                        | Diesel | 2270002017                   | 340                                | 43%                      | 8.32E-07                                            | 2.30E-09    | 9.22E-07  | 1.1062E-08 | 1.60E-06 | 2                                        | 12                                           | 109       | 3.51E-07                           | 9.71E-10    | 3.89E-07  | 4.66E-09 | 6.74E-07 |
| Cranes                        | Diesel | 2270002017                   | 400                                | 43%                      | 8.32E-07                                            | 2.30E-09    | 9.22E-07  | 1.1062E-08 | 1.60E-06 | 3                                        | 12                                           | 109       | 6.19E-07                           | 1.71E-09    | 6.86E-07  | 8.23E-09 | 1.19E-06 |
| Cranes                        | Diesel | 2270002017                   | 450                                | 43%                      | 8.32E-07                                            | 2.30E-09    | 9.22E-07  | 1.1062E-08 | 1.60E-06 | 23                                       | 12                                           | 109       | 5.34E-06                           | 1.48E-08    | 5.91E-06  | 7.10E-08 | 1.03E-05 |
| Cranes                        | Diesel | 2270002017                   | 500                                | 43%                      | 8.32E-07                                            | 2.30E-09    | 9.22E-07  | 1.1062E-08 | 1.60E-06 | 2                                        | 12                                           | 109       | 5.16E-07                           | 1.43E-09    | 5.71E-07  | 6.86E-09 | 9.91E-07 |
| Cranes                        | Diesel | 2270002017                   | 510                                | 43%                      | 8.32E-07                                            | 2.30E-09    | 9.22E-07  | 1.1062E-08 | 1.60E-06 | 4                                        | 12                                           | 109       | 1.05E-06                           | 2.91E-09    | 1.17E-06  | 1.40E-08 | 2.02E-06 |
| Cranes                        | Diesel | 2270002017                   | 550                                | 43%                      | 8.32E-07                                            | 2.30E-09    | 9.22E-07  | 1.1062E-08 | 1.60E-06 | 14                                       | 12                                           | 109       | 3.97E-06                           | 1.10E-08    | 4.40E-06  | 5.28E-08 | 7.63E-06 |
| CLASS 15 FORKLIFT             |        |                              |                                    |                          |                                                     |             |           |            |          |                                          |                                              |           |                                    |             |           |          |          |
| Aerial Lifts                  | Diesel | 2270003025                   | 49                                 | 21%                      | 1.09E-06                                            | 4.34E-09    | 1.73E-06  | 1.4498E-08 | 2.96E-06 | 2                                        | 12                                           | 109       | 3.24E-08                           | 1.29E-10    | 5.12E-08  | 4.30E-10 | 8.77E-08 |
| Aerial Lifts                  | Diesel | 2270003025                   | 51                                 | 21%                      | 1.09E-06                                            | 4.28E-09    | 1.69E-06  | 1.4498E-08 | 2.88E-06 | 4                                        | 12                                           | 109       | 6.74E-08                           | 2.64E-10    | 1.04E-07  | 8.95E-10 | 1.78E-07 |
| Aerial Lifts                  | Diesel | 2270003025                   | 74                                 | 21%                      | 1.09E-06                                            | 4.28E-09    | 1.69E-06  | 1.4498E-08 | 2.88E-06 | 2                                        | 12                                           | 109       | 4.89E-08                           | 1.92E-10    | 7.56E-08  | 6.50E-10 | 1.29E-07 |
| Forklifts                     | Diesel | 2270003026                   | 7                                  | 59%                      | 9.34E-07                                            | 4.51E-09    | 2.01E-06  | 1.2418E-08 | 3.51E-06 | 2                                        | 12                                           | 109       | 1.11E-08                           | 5.38E-11    | 2.39E-08  | 1.48E-10 | 4.18E-08 |
| Forklifts                     | Diesel | 2270003026                   | 74                                 | 59%                      | 9.34E-07                                            | 3.32E-09    | 1.21E-06  | 1.2418E-08 | 2.05E-06 | 9                                        | 12                                           | 109       | 5.29E-07                           | 1.88E-09    | 6.88E-07  | 7.04E-09 | 1.16E-06 |
| Forklifts                     | Diesel | 2270003026                   | 80                                 | 59%                      | 9.34E-07                                            | 2.85E-09    | 1.01E-06  | 1.2418E-08 | 1.69E-06 | 2                                        | 12                                           | 109       | 1.27E-07                           | 3.88E-10    | 1.37E-07  | 1.69E-09 | 2.30E-07 |
| Forklifts                     | Diesel | 2270003026                   | 99                                 | 59%                      | 9.34E-07                                            | 2.85E-09    | 1.01E-06  | 1.2418E-08 | 1.69E-06 | 2                                        | 12                                           | 109       | 1.57E-07                           | 4.80E-10    | 1.70E-07  | 2.09E-09 | 2.85E-07 |
| CLASS 16 CONCRETE / AGGREGATE |        |                              |                                    |                          |                                                     |             |           |            |          |                                          |                                              |           |                                    |             |           |          |          |
| Pumps                         | Diesel | 2270006065                   | 58                                 | 43%                      | 9.25E-07                                            | 3.61E-09    | 1.42E-06  | 1.2297E-08 | 2.42E-06 | 3                                        | 12                                           | 109       | 9.98E-08                           | 3.90E-10    | 1.53E-07  | 1.33E-09 | 2.61E-07 |
| Concrete / Industrial Saws    | Diesel | 2270002015                   | 11                                 | 59%                      | 9.34E-07                                            | 4.51E-09    | 2.01E-06  | 1.2418E-08 | 3.51E-06 | 2                                        | 12                                           | 109       | 1.75E-08                           | 8.45E-11    | 3.76E-08  | 2.32E-10 | 6.57E-08 |

**Table 9.B.12 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**2029 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions**  
**(Continued)**

| Equipment Type                                                                                                                                                      | Fuel   | Source Category <sup>1</sup> | Engine Rating <sup>3</sup><br>(hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |             |           |            |          | No. of<br>Equipment/<br>Day <sup>3</sup> | Equipment<br>Operating Duration <sup>3</sup> |           | Pollutant Emissions<br>(tons/year) |             |           |          |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------|------------------------------------|--------------------------|-----------------------------------------------------|-------------|-----------|------------|----------|------------------------------------------|----------------------------------------------|-----------|------------------------------------|-------------|-----------|----------|----------|
|                                                                                                                                                                     |        |                              |                                    |                          | Arsenic                                             | Chromium VI | Manganese | Mercury    | Nickel   |                                          | Hours/Day                                    | Days/Year | Arsenic                            | Chromium VI | Manganese | Mercury  | Nickel   |
| CLASS 17 AIR COMPRESSORS                                                                                                                                            |        |                              |                                    |                          |                                                     |             |           |            |          |                                          |                                              |           |                                    |             |           |          |          |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 5                                  | 43%                      | 9.25E-07                                            | 4.47E-09    | 1.99E-06  | 1.2297E-08 | 3.48E-06 | 2                                        | 12                                           | 109       | 8.72E-07                           | 4.21E-09    | 1.87E-06  | 1.16E-08 | 3.28E-06 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 13                                 | 43%                      | 9.25E-07                                            | 4.47E-09    | 1.99E-06  | 1.2297E-08 | 3.48E-06 | 2                                        | 12                                           | 109       | 1.49E-08                           | 7.21E-11    | 3.21E-08  | 1.98E-10 | 5.60E-08 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 35                                 | 43%                      | 9.25E-07                                            | 3.35E-09    | 1.24E-06  | 1.2297E-08 | 2.10E-06 | 2                                        | 12                                           | 109       | 4.02E-08                           | 1.45E-10    | 5.39E-08  | 5.34E-10 | 9.10E-08 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 49                                 | 43%                      | 9.25E-07                                            | 3.35E-09    | 1.24E-06  | 1.2297E-08 | 2.10E-06 | 2                                        | 12                                           | 109       | 5.62E-08                           | 2.03E-10    | 7.54E-08  | 7.47E-10 | 1.27E-07 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 75                                 | 43%                      | 9.25E-07                                            | 2.95E-09    | 1.07E-06  | 1.2297E-08 | 1.80E-06 | 2                                        | 12                                           | 109       | 8.60E-08                           | 2.74E-10    | 9.93E-08  | 1.14E-09 | 1.67E-07 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 130                                | 43%                      | 8.32E-07                                            | 3.27E-09    | 1.39E-06  | 1.1062E-08 | 2.43E-06 | 2                                        | 12                                           | 109       | 1.34E-07                           | 5.27E-10    | 2.25E-07  | 1.78E-09 | 3.91E-07 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 300                                | 43%                      | 8.32E-07                                            | 2.53E-09    | 1.03E-06  | 1.1062E-08 | 1.80E-06 | 12                                       | 12                                           | 109       | 1.86E-06                           | 5.64E-09    | 2.31E-06  | 2.47E-08 | 4.01E-06 |
| Air Compressors                                                                                                                                                     | Diesel | 2270006066                   | 475                                | 43%                      | 8.32E-07                                            | 2.53E-09    | 1.03E-06  | 1.1062E-08 | 1.80E-06 | 2                                        | 12                                           | 109       | 4.90E-07                           | 1.49E-09    | 6.09E-07  | 6.52E-09 | 1.06E-06 |
| CLASS 55,56 SMALL CAPITAL EQUIPMENT                                                                                                                                 |        |                              |                                    |                          |                                                     |             |           |            |          |                                          |                                              |           |                                    |             |           |          |          |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 14                                 | 43%                      | 9.25E-07                                            | 4.47E-09    | 1.99E-06  | 1.2297E-08 | 3.48E-06 | 6                                        | 12                                           | 109       | 4.82E-08                           | 2.33E-10    | 1.04E-07  | 6.40E-10 | 1.81E-07 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 20                                 | 43%                      | 9.25E-07                                            | 4.47E-09    | 1.99E-06  | 1.2297E-08 | 3.48E-06 | 15                                       | 12                                           | 109       | 1.72E-07                           | 8.32E-10    | 3.70E-07  | 2.29E-09 | 6.47E-07 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 36                                 | 43%                      | 9.25E-07                                            | 3.47E-09    | 1.32E-06  | 1.2297E-08 | 2.24E-06 | 2                                        | 12                                           | 109       | 4.13E-08                           | 1.55E-10    | 5.90E-08  | 5.49E-10 | 1.00E-07 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 100                                | 43%                      | 8.32E-07                                            | 3.49E-09    | 1.51E-06  | 1.1062E-08 | 2.64E-06 | 3                                        | 12                                           | 109       | 1.55E-07                           | 6.48E-10    | 2.81E-07  | 2.06E-09 | 4.91E-07 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 270                                | 43%                      | 8.32E-07                                            | 2.70E-09    | 1.12E-06  | 1.1062E-08 | 1.95E-06 | 2                                        | 12                                           | 109       | 2.79E-07                           | 9.05E-10    | 3.76E-07  | 3.70E-09 | 6.54E-07 |
| Generators                                                                                                                                                          | Diesel | 2270006064                   | 2,346                              | 43%                      | 8.32E-07                                            | 2.70E-09    | 1.12E-06  | 1.1062E-08 | 1.95E-06 | 2                                        | 12                                           | 109       | 2.42E-06                           | 7.86E-09    | 3.27E-06  | 3.22E-08 | 5.68E-06 |
| OTHER EQUIPMENT                                                                                                                                                     |        |                              |                                    |                          |                                                     |             |           |            |          |                                          |                                              |           |                                    |             |           |          |          |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 10                                 | 43%                      | 9.25E-07                                            | 4.47E-09    | 1.99E-06  | 1.2297E-08 | 3.48E-06 | 2                                        | 12                                           | 109       | 1.15E-08                           | 5.54E-11    | 2.47E-08  | 1.52E-10 | 4.31E-08 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 20                                 | 43%                      | 9.25E-07                                            | 4.47E-09    | 1.99E-06  | 1.2297E-08 | 3.48E-06 | 10                                       | 12                                           | 109       | 1.15E-07                           | 5.54E-10    | 2.47E-07  | 1.52E-09 | 4.31E-07 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 22                                 | 43%                      | 9.25E-07                                            | 4.47E-09    | 1.99E-06  | 1.2297E-08 | 3.48E-06 | 2                                        | 12                                           | 109       | 2.52E-08                           | 1.22E-10    | 5.42E-08  | 3.35E-10 | 9.48E-08 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 85                                 | 43%                      | 9.25E-07                                            | 2.87E-09    | 1.03E-06  | 1.2297E-08 | 1.73E-06 | 2                                        | 12                                           | 109       | 9.75E-08                           | 3.03E-10    | 1.08E-07  | 1.30E-09 | 1.82E-07 |
| Other general equipment                                                                                                                                             | Diesel | 2270003028                   | 265                                | 43%                      | 8.32E-07                                            | 2.20E-09    | 8.64E-07  | 1.1062E-08 | 1.49E-06 | 2                                        | 12                                           | 109       | 2.73E-07                           | 7.22E-10    | 2.84E-07  | 3.63E-09 | 4.91E-07 |
| Welders                                                                                                                                                             | Diesel | 2270006068                   | 58                                 | 21%                      | 1.09E-06                                            | 4.26E-09    | 1.67E-06  | 1.4498E-08 | 2.86E-06 | 4                                        | 12                                           | 109       | 7.66E-08                           | 2.99E-10    | 1.17E-07  | 1.02E-09 | 2.01E-07 |
| Total                                                                                                                                                               |        |                              |                                    |                          |                                                     |             |           |            |          |                                          |                                              |           | 3.63E-05                           | 1.31E-07    | 5.48E-05  | 4.83E-07 | 9.53E-05 |
| 1. Based on EPA MOVES5.<br>2. EPA MOVES5 run for calendar year 2029, Cameron Parish.<br>3. Based on engineering estimates and best currently available information. |        |                              |                                    |                          |                                                     |             |           |            |          |                                          |                                              |           |                                    |             |           |          |          |

**Table 9.B.1.13 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**On-Road On-Site Construction Vehicle Tailpipe Criteria and Greenhouse Gas Emission Factors**

| Vehicle                                                                                       | Emission Factor (g/VMT) <sup>1</sup> |                 |                 |          |                  |                   |                 |                 |                  | Onsite Travel<br>(miles/vehicle) <sup>2</sup> | No. of<br>Vehicles/Day <sup>2</sup> | Vehicle Usage<br>(days/year) <sup>2</sup> |
|-----------------------------------------------------------------------------------------------|--------------------------------------|-----------------|-----------------|----------|------------------|-------------------|-----------------|-----------------|------------------|-----------------------------------------------|-------------------------------------|-------------------------------------------|
|                                                                                               | CO                                   | NO <sub>x</sub> | SO <sub>2</sub> | VOC      | PM <sub>10</sub> | PM <sub>2.5</sub> | CO <sub>2</sub> | CH <sub>4</sub> | N <sub>2</sub> O |                                               |                                     |                                           |
| <b>2026</b>                                                                                   |                                      |                 |                 |          |                  |                   |                 |                 |                  |                                               |                                     |                                           |
| Diesel Heavy Trucks                                                                           | 1.11E+00                             | 1.61E+00        | 5.45E-03        | 3.91E-02 | 1.54E-02         | 1.42E-02          | 1.63E+03        | 9.57E-03        | 2.31E-01         | 50                                            | 109                                 | 66                                        |
| <b>2027</b>                                                                                   |                                      |                 |                 |          |                  |                   |                 |                 |                  |                                               |                                     |                                           |
| Diesel Heavy Trucks                                                                           | 1.11E+00                             | 1.61E+00        | 5.45E-03        | 3.91E-02 | 1.54E-02         | 1.42E-02          | 1.63E+03        | 9.57E-03        | 2.31E-01         | 50                                            | 324                                 | 261                                       |
| <b>2028</b>                                                                                   |                                      |                 |                 |          |                  |                   |                 |                 |                  |                                               |                                     |                                           |
| Diesel Heavy Trucks                                                                           | 1.09E+00                             | 1.48E+00        | 5.35E-03        | 3.66E-02 | 1.29E-02         | 1.19E-02          | 1.60E+03        | 9.43E-03        | 2.31E-01         | 50                                            | 317                                 | 260                                       |
| <b>2029</b>                                                                                   |                                      |                 |                 |          |                  |                   |                 |                 |                  |                                               |                                     |                                           |
| Diesel Heavy Trucks                                                                           | 1.08E+00                             | 1.37E+00        | 5.26E-03        | 3.45E-02 | 1.10E-02         | 1.01E-02          | 1.57E+03        | 9.32E-03        | 2.31E-01         | 50                                            | 218                                 | 109                                       |
| 1. EPA MOVES5.<br>2. Based on engineering estimates and best currently available information. |                                      |                 |                 |          |                  |                   |                 |                 |                  |                                               |                                     |                                           |

**Table 9.B.1.14 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**On-Road On-Site Construction Vehicle Tailpipe Criteria and Greenhouse Gas Emissions**

| Vehicle                                                                                                                                      | Vehicle Miles Traveled (VMT/year) | Emissions (tons/yr) |                 |                 |          |                  |                   |                 |                 |                  |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|---------------------|-----------------|-----------------|----------|------------------|-------------------|-----------------|-----------------|------------------|--------------------------------|
|                                                                                                                                              |                                   | CO                  | NO <sub>x</sub> | SO <sub>2</sub> | VOC      | PM <sub>10</sub> | PM <sub>2.5</sub> | CO <sub>2</sub> | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e <sup>1</sup> |
| <b>2026</b>                                                                                                                                  |                                   |                     |                 |                 |          |                  |                   |                 |                 |                  |                                |
| Diesel Heavy Trucks                                                                                                                          | 359,333                           | 4.39E-01            | 6.37E-01        | 2.16E-03        | 1.55E-02 | 6.10E-03         | 5.61E-03          | 6.46E+02        | 3.79E-03        | 9.13E-02         | 6.70E+02                       |
| <b>2027</b>                                                                                                                                  |                                   |                     |                 |                 |          |                  |                   |                 |                 |                  |                                |
| Diesel Heavy Trucks                                                                                                                          | 4,228,200                         | 5.16E+00            | 7.50E+00        | 2.54E-02        | 1.82E-01 | 7.18E-02         | 6.61E-02          | 7.60E+03        | 4.46E-02        | 1.07E+00         | 7.88E+03                       |
| <b>2028</b>                                                                                                                                  |                                   |                     |                 |                 |          |                  |                   |                 |                 |                  |                                |
| Diesel Heavy Trucks                                                                                                                          | 4,117,750                         | 4.95E+00            | 6.73E+00        | 2.43E-02        | 1.66E-01 | 5.86E-02         | 5.40E-02          | 7.27E+03        | 4.28E-02        | 1.05E+00         | 7.54E+03                       |
| <b>2029</b>                                                                                                                                  |                                   |                     |                 |                 |          |                  |                   |                 |                 |                  |                                |
| Diesel Heavy Trucks                                                                                                                          | 1,186,889                         | 1.41E+00            | 1.79E+00        | 6.88E-03        | 4.51E-02 | 1.44E-02         | 1.32E-02          | 2.06E+03        | 1.22E-02        | 3.02E-01         | 2.14E+03                       |
| 1. The global warming potentials of CO <sub>2</sub> , CH <sub>4</sub> , and N <sub>2</sub> O are assumed to be 1, 28, and 265, respectively. |                                   |                     |                 |                 |          |                  |                   |                 |                 |                  |                                |

**Table 9.B.1.15 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**On-Road On-Site Construction Vehicle Tailpipe Hazardous Air Pollutant Emission Factors**

| Vehicle                                                                     | Emission Factor (g/VMT) <sup>1</sup> |                        |              |          |          |               | Onsite Travel<br>(miles/vehicle) <sup>2</sup> | No. of<br>Vehicles/Day <sup>2</sup> | Vehicle Usage<br>(days/year) <sup>2</sup> |
|-----------------------------------------------------------------------------|--------------------------------------|------------------------|--------------|----------|----------|---------------|-----------------------------------------------|-------------------------------------|-------------------------------------------|
|                                                                             | 1,3-Butadiene                        | 2,2,4-Trimethylpentane | Acetaldehyde | Acrolein | Benzene  | Ethyl Benzene |                                               |                                     |                                           |
| <b>2026</b>                                                                 |                                      |                        |              |          |          |               |                                               |                                     |                                           |
| Diesel Heavy Trucks                                                         | 2.59E-05                             | 9.01E-05               | 1.41E-03     | 1.56E-04 | 5.12E-05 | 2.24E-04      | 50                                            | 109                                 | 66                                        |
| <b>2027</b>                                                                 |                                      |                        |              |          |          |               |                                               |                                     |                                           |
| Diesel Heavy Trucks                                                         | 2.59E-05                             | 9.01E-05               | 1.41E-03     | 1.56E-04 | 5.12E-05 | 2.24E-04      | 50                                            | 324                                 | 261                                       |
| <b>2028</b>                                                                 |                                      |                        |              |          |          |               |                                               |                                     |                                           |
| Diesel Heavy Trucks                                                         | 2.14E-05                             | 8.28E-05               | 1.28E-03     | 1.39E-04 | 4.24E-05 | 2.08E-04      | 50                                            | 317                                 | 260                                       |
| <b>2029</b>                                                                 |                                      |                        |              |          |          |               |                                               |                                     |                                           |
| Diesel Heavy Trucks                                                         | 1.75E-05                             | 7.65E-05               | 1.17E-03     | 1.24E-04 | 3.49E-05 | 1.95E-04      | 50                                            | 218                                 | 109                                       |
| 1. EPA MOVES5.                                                              |                                      |                        |              |          |          |               |                                               |                                     |                                           |
| 2. Based on engineering estimates and best currently available information. |                                      |                        |              |          |          |               |                                               |                                     |                                           |

**Table 9.B.1.15 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**On-Road On-Site Construction Vehicle Tailpipe Hazardous Air Pollutant Emissions**  
**(Continued)**

| Vehicle             | Vehicle Miles Traveled (VMT/year) | Emissions (tons/yr) |                        |              |          |          |               |
|---------------------|-----------------------------------|---------------------|------------------------|--------------|----------|----------|---------------|
|                     |                                   | 1,3-Butadiene       | 2,2,4-Trimethylpentane | Acetaldehyde | Acrolein | Benzene  | Ethyl Benzene |
| <b>2026</b>         |                                   |                     |                        |              |          |          |               |
| Diesel Heavy Trucks | 359,333                           | 1.03E-05            | 3.57E-05               | 5.60E-04     | 6.17E-05 | 2.03E-05 | 8.88E-05      |
| <b>2027</b>         |                                   |                     |                        |              |          |          |               |
| Diesel Heavy Trucks | 4,228,200                         | 1.21E-04            | 4.20E-04               | 6.59E-03     | 7.25E-04 | 2.38E-04 | 1.04E-03      |
| <b>2028</b>         |                                   |                     |                        |              |          |          |               |
| Diesel Heavy Trucks | 4,117,750                         | 9.69E-05            | 3.76E-04               | 5.83E-03     | 6.29E-04 | 1.92E-04 | 9.45E-04      |
| <b>2029</b>         |                                   |                     |                        |              |          |          |               |
| Diesel Heavy Trucks | 1,186,889                         | 2.29E-05            | 1.00E-04               | 1.53E-03     | 1.62E-04 | 4.57E-05 | 2.55E-04      |

**Table 9.B.1.16 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**On-Road On-Site Construction Vehicle Tailpipe Hazardous Air Pollutant Emission Factors**  
**(Continued)**

| Vehicle                                                                                       | Emission Factor (g/VTM) <sup>1</sup> |          |             |          |                 |          |          |          | Onsite Travel<br>(miles/vehicle) <sup>2</sup> | No. of<br>Vehicles/Day <sup>2</sup> | Vehicle Usage<br>(days/year) <sup>2</sup> |
|-----------------------------------------------------------------------------------------------|--------------------------------------|----------|-------------|----------|-----------------|----------|----------|----------|-----------------------------------------------|-------------------------------------|-------------------------------------------|
|                                                                                               | Formaldehyde                         | Hexane   | Naphthalene | PAH      | Propionaldehyde | Styrene  | Toluene  | Xylenes  |                                               |                                     |                                           |
| <b>2026</b>                                                                                   |                                      |          |             |          |                 |          |          |          |                                               |                                     |                                           |
| Diesel Heavy Trucks                                                                           | 1.50E-03                             | 2.90E-05 | 1.18E-08    | 4.80E-05 | 1.16E-04        | 1.14E-05 | 3.85E-04 | 1.59E-03 | 50                                            | 109                                 | 66                                        |
| <b>2027</b>                                                                                   |                                      |          |             |          |                 |          |          |          |                                               |                                     |                                           |
| Diesel Heavy Trucks                                                                           | 1.50E-03                             | 2.90E-05 | 1.18E-08    | 4.80E-05 | 1.16E-04        | 1.14E-05 | 3.85E-04 | 1.59E-03 | 50                                            | 324                                 | 261                                       |
| <b>2028</b>                                                                                   |                                      |          |             |          |                 |          |          |          |                                               |                                     |                                           |
| Diesel Heavy Trucks                                                                           | 1.32E-03                             | 2.57E-05 | 1.07E-08    | 3.98E-05 | 1.04E-04        | 9.40E-06 | 3.58E-04 | 1.48E-03 | 50                                            | 317                                 | 260                                       |
| <b>2029</b>                                                                                   |                                      |          |             |          |                 |          |          |          |                                               |                                     |                                           |
| Diesel Heavy Trucks                                                                           | 1.16E-03                             | 2.29E-05 | 9.84E-09    | 3.32E-05 | 9.36E-05        | 7.69E-06 | 3.35E-04 | 1.39E-03 | 50                                            | 218                                 | 109                                       |
| 1. EPA MOVES5.<br>2. Based on engineering estimates and best currently available information. |                                      |          |             |          |                 |          |          |          |                                               |                                     |                                           |

**Table 9.B.1.16 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**On-Road On-Site Construction Vehicle Tailpipe Hazardous Air Pollutant Emissions**  
**(Continued)**

| Vehicle             | Vehicle Miles Traveled (VMT/year) | Emissions (tons/yr) |          |             |          |                 |          |          |          |
|---------------------|-----------------------------------|---------------------|----------|-------------|----------|-----------------|----------|----------|----------|
|                     |                                   | Formaldehyde        | Hexane   | Naphthalene | PAH      | Propionaldehyde | Styrene  | Toluene  | Xylenes  |
| <b>2026</b>         |                                   |                     |          |             |          |                 |          |          |          |
| Diesel Heavy Trucks | 359,333                           | 5.94E-04            | 1.15E-05 | 4.65E-09    | 1.90E-05 | 4.61E-05        | 4.53E-06 | 1.53E-04 | 6.28E-04 |
| <b>2027</b>         |                                   |                     |          |             |          |                 |          |          |          |
| Diesel Heavy Trucks | 4,228,200                         | 6.99E-03            | 1.35E-04 | 5.48E-08    | 2.24E-04 | 5.43E-04        | 5.33E-05 | 1.80E-03 | 7.39E-03 |
| <b>2028</b>         |                                   |                     |          |             |          |                 |          |          |          |
| Diesel Heavy Trucks | 4,117,750                         | 5.98E-03            | 1.17E-04 | 4.87E-08    | 1.81E-04 | 4.72E-04        | 4.26E-05 | 1.63E-03 | 6.74E-03 |
| <b>2029</b>         |                                   |                     |          |             |          |                 |          |          |          |
| Diesel Heavy Trucks | 1,186,889                         | 1.52E-03            | 2.99E-05 | 1.29E-08    | 4.34E-05 | 1.22E-04        | 1.01E-05 | 4.38E-04 | 1.82E-03 |

**Table 9.B.1.16 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**On-Road On-Site Construction Vehicle Tailpipe Hazardous Air Pollutant Emission Factors**  
**(Continued)**

| Vehicle                                                                                       | Emission Factor (g/VMT) <sup>1</sup> |             |          |          | Onsite Travel<br>(miles/vehicle) <sup>2</sup> | No. of<br>Vehicles/Day <sup>2</sup> | Vehicle Usage<br>(days/year) <sup>2</sup> |
|-----------------------------------------------------------------------------------------------|--------------------------------------|-------------|----------|----------|-----------------------------------------------|-------------------------------------|-------------------------------------------|
|                                                                                               | Arsenic                              | Chromium VI | Mercury  | Nickel   |                                               |                                     |                                           |
| <b>2026</b>                                                                                   |                                      |             |          |          |                                               |                                     |                                           |
| Diesel Heavy Trucks                                                                           | 2.30E-06                             | 2.46E-09    | 1.10E-08 | 4.71E-07 | 50                                            | 109                                 | 66                                        |
| <b>2027</b>                                                                                   |                                      |             |          |          |                                               |                                     |                                           |
| Diesel Heavy Trucks                                                                           | 2.30E-06                             | 2.46E-09    | 1.10E-08 | 4.71E-07 | 50                                            | 324                                 | 261                                       |
| <b>2028</b>                                                                                   |                                      |             |          |          |                                               |                                     |                                           |
| Diesel Heavy Trucks                                                                           | 2.30E-06                             | 2.41E-09    | 1.10E-08 | 4.35E-07 | 50                                            | 317                                 | 260                                       |
| <b>2029</b>                                                                                   |                                      |             |          |          |                                               |                                     |                                           |
| Diesel Heavy Trucks                                                                           | 2.30E-06                             | 2.36E-09    | 1.10E-08 | 4.05E-07 | 50                                            | 218                                 | 109                                       |
| 1. EPA MOVES5.<br>2. Based on engineering estimates and best currently available information. |                                      |             |          |          |                                               |                                     |                                           |

**Table 9.B.1.16 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**On-Road On-Site Construction Vehicle Tailpipe Hazardous Air Pollutant Emissions**  
**(Continued)**

| Vehicle             | Vehicle Miles Traveled (VMT/year) | Emissions (tons/yr) |             |          |          |
|---------------------|-----------------------------------|---------------------|-------------|----------|----------|
|                     |                                   | Arsenic             | Chromium VI | Mercury  | Nickel   |
| <b>2026</b>         |                                   |                     |             |          |          |
| Diesel Heavy Trucks | 359,333                           | 9.11E-07            | 9.73E-10    | 4.36E-09 | 1.87E-07 |
| <b>2027</b>         |                                   |                     |             |          |          |
| Diesel Heavy Trucks | 4,228,200                         | 1.07E-05            | 1.14E-08    | 5.13E-08 | 2.20E-06 |
| <b>2028</b>         |                                   |                     |             |          |          |
| Diesel Heavy Trucks | 4,117,750                         | 1.04E-05            | 1.09E-08    | 4.99E-08 | 1.98E-06 |
| <b>2029</b>         |                                   |                     |             |          |          |
| Diesel Heavy Trucks | 1,186,889                         | 3.01E-06            | 3.09E-09    | 1.44E-08 | 5.30E-07 |

**Table 9.B.1.17 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project  
On-Road Worker Commuting Criteria and Greenhouse Gas Emission Factors**

| Vehicle                                                                                       | Emission Factor (g/VMT) <sup>1</sup> |                 |                 |          |                  |                   |                 |                 |                  | Average Travel Miles<br>(miles/vehicle) <sup>2</sup> | No. of Vehicles/Day <sup>2</sup> | Vehicle Usage<br>(days/year) <sup>2</sup> |
|-----------------------------------------------------------------------------------------------|--------------------------------------|-----------------|-----------------|----------|------------------|-------------------|-----------------|-----------------|------------------|------------------------------------------------------|----------------------------------|-------------------------------------------|
|                                                                                               | CO                                   | NO <sub>x</sub> | SO <sub>2</sub> | VOC      | PM <sub>10</sub> | PM <sub>2.5</sub> | CO <sub>2</sub> | CH <sub>4</sub> | N <sub>2</sub> O |                                                      |                                  |                                           |
| <b>2026</b>                                                                                   |                                      |                 |                 |          |                  |                   |                 |                 |                  |                                                      |                                  |                                           |
| Gasoline Passenger Cars                                                                       | 1.90E+00                             | 3.80E-02        | 2.73E-03        | 2.72E-02 | 1.14E-03         | 1.01E-03          | 3.26E+02        | 5.20E-03        | 1.98E-03         | 50                                                   | 110                              | 66                                        |
| Gasoline Passenger Trucks                                                                     | 1.73E+00                             | 6.49E-02        | 3.49E-03        | 1.72E-02 | 1.37E-03         | 1.21E-03          | 4.17E+02        | 6.00E-03        | 2.56E-03         | 50                                                   | 330                              | 66                                        |
| <b>2027</b>                                                                                   |                                      |                 |                 |          |                  |                   |                 |                 |                  |                                                      |                                  |                                           |
| Gasoline Passenger Cars                                                                       | 1.90E+00                             | 3.80E-02        | 2.73E-03        | 2.72E-02 | 1.14E-03         | 1.01E-03          | 3.26E+02        | 5.20E-03        | 1.98E-03         | 50                                                   | 550                              | 261                                       |
| Gasoline Passenger Trucks                                                                     | 1.73E+00                             | 6.49E-02        | 3.49E-03        | 1.72E-02 | 1.37E-03         | 1.21E-03          | 4.17E+02        | 6.00E-03        | 2.56E-03         | 50                                                   | 1,650                            | 261                                       |
| <b>2028</b>                                                                                   |                                      |                 |                 |          |                  |                   |                 |                 |                  |                                                      |                                  |                                           |
| Gasoline Passenger Cars                                                                       | 1.84E+00                             | 3.40E-02        | 2.66E-03        | 2.69E-02 | 1.09E-03         | 9.65E-04          | 3.18E+02        | 4.97E-03        | 1.93E-03         | 50                                                   | 481                              | 260                                       |
| Gasoline Passenger Trucks                                                                     | 1.64E+00                             | 5.80E-02        | 3.44E-03        | 1.64E-02 | 1.31E-03         | 1.15E-03          | 4.11E+02        | 5.67E-03        | 2.45E-03         | 50                                                   | 1,444                            | 260                                       |
| <b>2029</b>                                                                                   |                                      |                 |                 |          |                  |                   |                 |                 |                  |                                                      |                                  |                                           |
| Gasoline Passenger Cars                                                                       | 1.77E+00                             | 3.05E-02        | 2.60E-03        | 2.66E-02 | 1.06E-03         | 9.38E-04          | 3.10E+02        | 4.77E-03        | 1.88E-03         | 50                                                   | 220                              | 109                                       |
| Gasoline Passenger Trucks                                                                     | 1.57E+00                             | 5.21E-02        | 3.39E-03        | 1.57E-02 | 1.25E-03         | 1.11E-03          | 4.05E+02        | 5.39E-03        | 2.36E-03         | 50                                                   | 660                              | 109                                       |
| 1. EPA MOVES5.<br>2. Based on engineering estimates and best currently available information. |                                      |                 |                 |          |                  |                   |                 |                 |                  |                                                      |                                  |                                           |

**Table 9.B.1.18 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project  
On-Road Worker Commuting Criteria and Greenhouse Gas Emissions**

| Vehicle                                                                                                                                      | Vehicle Miles Traveled (VMT/year) | Emissions (tons/yr) |                 |                 |                 |                  |                   |                 |                 |                  |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|---------------------|-----------------|-----------------|-----------------|------------------|-------------------|-----------------|-----------------|------------------|--------------------------------|
|                                                                                                                                              |                                   | CO                  | NO <sub>x</sub> | SO <sub>2</sub> | VOC             | PM <sub>10</sub> | PM <sub>2.5</sub> | CO <sub>2</sub> | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e <sup>1</sup> |
| <b>2026</b>                                                                                                                                  |                                   |                     |                 |                 |                 |                  |                   |                 |                 |                  |                                |
| Gasoline Passenger Cars                                                                                                                      | 363,000                           | 7.61E-01            | 1.52E-02        | 1.09E-03        | 1.09E-02        | 4.57E-04         | 4.05E-04          | 1.30E+02        | 2.08E-03        | 7.93E-04         | 1.31E+02                       |
| Gasoline Passenger Trucks                                                                                                                    | 1,089,000                         | 2.07E+00            | 7.79E-02        | 4.19E-03        | 2.06E-02        | 1.64E-03         | 1.46E-03          | 5.01E+02        | 7.20E-03        | 3.07E-03         | 5.02E+02                       |
| <b>Total</b>                                                                                                                                 |                                   | <b>2.83E+00</b>     | <b>9.31E-02</b> | <b>5.28E-03</b> | <b>3.15E-02</b> | <b>2.1E-03</b>   | <b>1.9E-03</b>    | <b>6.31E+02</b> | <b>9.28E-03</b> | <b>3.86E-03</b>  | <b>6.32E+02</b>                |
| <b>2027</b>                                                                                                                                  |                                   |                     |                 |                 |                 |                  |                   |                 |                 |                  |                                |
| Gasoline Passenger Cars                                                                                                                      | 7,177,500                         | 1.50E+01            | 3.01E-01        | 2.16E-02        | 2.16E-01        | 9.04E-03         | 8.00E-03          | 2.58E+03        | 4.11E-02        | 1.57E-02         | 2.58E+03                       |
| Gasoline Passenger Trucks                                                                                                                    | 21,532,500                        | 4.10E+01            | 1.54E+00        | 8.29E-02        | 4.08E-01        | 3.25E-02         | 2.88E-02          | 9.90E+03        | 1.42E-01        | 6.07E-02         | 9.92E+03                       |
| <b>Total</b>                                                                                                                                 |                                   | <b>5.60E+01</b>     | <b>1.84E+00</b> | <b>1.04E-01</b> | <b>6.23E-01</b> | <b>4.16E-02</b>  | <b>3.68E-02</b>   | <b>1.25E+04</b> | <b>1.84E-01</b> | <b>7.64E-02</b>  | <b>1.25E+04</b>                |
| <b>2028</b>                                                                                                                                  |                                   |                     |                 |                 |                 |                  |                   |                 |                 |                  |                                |
| Gasoline Passenger Cars                                                                                                                      | 6,256,250                         | 1.27E+01            | 2.34E-01        | 1.83E-02        | 1.86E-01        | 7.52E-03         | 6.65E-03          | 2.19E+03        | 3.43E-02        | 1.33E-02         | 2.20E+03                       |
| Gasoline Passenger Trucks                                                                                                                    | 18,768,750                        | 3.39E+01            | 1.20E+00        | 7.11E-02        | 3.39E-01        | 2.70E-02         | 2.39E-02          | 8.50E+03        | 1.17E-01        | 5.07E-02         | 8.51E+03                       |
| <b>Total</b>                                                                                                                                 |                                   | <b>4.65E+01</b>     | <b>1.43E+00</b> | <b>8.95E-02</b> | <b>5.25E-01</b> | <b>3.45E-02</b>  | <b>3.05E-02</b>   | <b>1.07E+04</b> | <b>1.52E-01</b> | <b>6.40E-02</b>  | <b>1.07E+04</b>                |
| <b>2029</b>                                                                                                                                  |                                   |                     |                 |                 |                 |                  |                   |                 |                 |                  |                                |
| Gasoline Passenger Cars                                                                                                                      | 1,199,000                         | 2.34E+00            | 4.03E-02        | 3.43E-03        | 3.51E-02        | 1.40E-03         | 1.24E-03          | 4.10E+02        | 6.30E-03        | 2.49E-03         | 4.11E+02                       |
| Gasoline Passenger Trucks                                                                                                                    | 3,597,000                         | 6.21E+00            | 2.07E-01        | 1.34E-02        | 6.21E-02        | 4.96E-03         | 4.39E-03          | 1.60E+03        | 2.14E-02        | 9.37E-03         | 1.61E+03                       |
| <b>Total</b>                                                                                                                                 |                                   | <b>8.55E+00</b>     | <b>2.47E-01</b> | <b>1.69E-02</b> | <b>9.72E-02</b> | <b>6.36E-03</b>  | <b>5.63E-03</b>   | <b>2.01E+03</b> | <b>2.77E-02</b> | <b>1.19E-02</b>  | <b>2.02E+03</b>                |
| 1. The global warming potentials of CO <sub>2</sub> , CH <sub>4</sub> , and N <sub>2</sub> O are assumed to be 1, 25, and 265, respectively. |                                   |                     |                 |                 |                 |                  |                   |                 |                 |                  |                                |

**Table 9.B.1.19 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**On-Road Worker Commuting Hazardous Air Pollutant Emission Factors**

| Vehicle                                                                                       | Emission Factor (g/VMT) <sup>1</sup> |                        |              |          |          |               | Average Travel Miles (miles/vehicle) <sup>2</sup> | No. of Vehicles/Day <sup>2</sup> | Vehicle Usage (days/year) <sup>2</sup> |
|-----------------------------------------------------------------------------------------------|--------------------------------------|------------------------|--------------|----------|----------|---------------|---------------------------------------------------|----------------------------------|----------------------------------------|
|                                                                                               | 1,3-Butadiene                        | 2,2,4-Trimethylpentane | Acetaldehyde | Acrolein | Benzene  | Ethyl Benzene |                                                   |                                  |                                        |
| <b>2026</b>                                                                                   |                                      |                        |              |          |          |               |                                                   |                                  |                                        |
| Gasoline Passenger Cars                                                                       | 8.90E-05                             | 7.76E-04               | 2.08E-04     | 9.97E-06 | 3.03E-04 | 4.08E-04      | 50                                                | 110                              | 66                                     |
| Gasoline Passenger Trucks                                                                     | 6.87E-05                             | 4.74E-04               | 2.24E-04     | 1.39E-05 | 2.49E-04 | 3.00E-04      | 50                                                | 330                              | 66                                     |
| <b>2027</b>                                                                                   |                                      |                        |              |          |          |               |                                                   |                                  |                                        |
| Gasoline Passenger Cars                                                                       | 8.90E-05                             | 7.76E-04               | 2.08E-04     | 9.97E-06 | 3.03E-04 | 4.08E-04      | 50                                                | 550                              | 261                                    |
| Gasoline Passenger Trucks                                                                     | 6.87E-05                             | 4.74E-04               | 2.24E-04     | 1.39E-05 | 2.49E-04 | 3.00E-04      | 50                                                | 1,650                            | 261                                    |
| <b>2028</b>                                                                                   |                                      |                        |              |          |          |               |                                                   |                                  |                                        |
| Gasoline Passenger Cars                                                                       | 8.51E-05                             | 7.71E-04               | 1.99E-04     | 9.43E-06 | 2.91E-04 | 4.05E-04      | 50                                                | 481                              | 260                                    |
| Gasoline Passenger Trucks                                                                     | 6.54E-05                             | 4.55E-04               | 2.04E-04     | 1.29E-05 | 2.32E-04 | 2.85E-04      | 50                                                | 1,444                            | 260                                    |
| <b>2029</b>                                                                                   |                                      |                        |              |          |          |               |                                                   |                                  |                                        |
| Gasoline Passenger Cars                                                                       | 8.15E-05                             | 7.64E-04               | 1.91E-04     | 9.03E-06 | 2.81E-04 | 4.01E-04      | 50                                                | 220                              | 109                                    |
| Gasoline Passenger Trucks                                                                     | 6.28E-05                             | 4.37E-04               | 1.88E-04     | 1.20E-05 | 2.18E-04 | 2.72E-04      | 50                                                | 660                              | 109                                    |
| 1. EPA MOVES5.<br>2. Based on engineering estimates and best currently available information. |                                      |                        |              |          |          |               |                                                   |                                  |                                        |

**Table 9.B.1.19 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**On-Road Worker Commuting Hazardous Air Pollutant Emissions**  
**(Continued)**

| Vehicle                   | Vehicle Miles Traveled (VMT/year) | Emissions (tons/yr) |                        |                 |                 |                 |                 |
|---------------------------|-----------------------------------|---------------------|------------------------|-----------------|-----------------|-----------------|-----------------|
|                           |                                   | 1,3-Butadiene       | 2,2,4-Trimethylpentane | Acetaldehyde    | Acrolein        | Benzene         | Ethyl Benzene   |
| <b>2026</b>               |                                   |                     |                        |                 |                 |                 |                 |
| Gasoline Passenger Cars   | 363,000                           | 3.56E-05            | 3.10E-04               | 8.34E-05        | 3.99E-06        | 1.21E-04        | 1.63E-04        |
| Gasoline Passenger Trucks | 1,089,000                         | 8.25E-05            | 5.69E-04               | 2.69E-04        | 1.67E-05        | 2.99E-04        | 3.60E-04        |
| <b>Total</b>              |                                   | <b>1.18E-04</b>     | <b>8.79E-04</b>        | <b>3.52E-04</b> | <b>2.07E-05</b> | <b>4.20E-04</b> | <b>5.23E-04</b> |
| <b>2027</b>               |                                   |                     |                        |                 |                 |                 |                 |
| Gasoline Passenger Cars   | 7,177,500                         | 7.05E-04            | 6.14E-03               | 1.65E-03        | 7.89E-05        | 2.39E-03        | 3.23E-03        |
| Gasoline Passenger Trucks | 21,532,500                        | 1.63E-03            | 1.12E-02               | 5.31E-03        | 3.30E-04        | 5.91E-03        | 7.11E-03        |
| <b>Total</b>              |                                   | <b>2.34E-03</b>     | <b>1.74E-02</b>        | <b>6.96E-03</b> | <b>4.09E-04</b> | <b>8.30E-03</b> | <b>1.03E-02</b> |
| <b>2028</b>               |                                   |                     |                        |                 |                 |                 |                 |
| Gasoline Passenger Cars   | 6,256,250                         | 5.87E-04            | 5.32E-03               | 1.37E-03        | 6.50E-05        | 2.01E-03        | 2.79E-03        |
| Gasoline Passenger Trucks | 18,768,750                        | 1.35E-03            | 9.41E-03               | 4.23E-03        | 2.66E-04        | 4.81E-03        | 5.90E-03        |
| <b>Total</b>              |                                   | <b>1.94E-03</b>     | <b>1.47E-02</b>        | <b>5.60E-03</b> | <b>3.31E-04</b> | <b>6.82E-03</b> | <b>8.69E-03</b> |
| <b>2029</b>               |                                   |                     |                        |                 |                 |                 |                 |
| Gasoline Passenger Cars   | 1,199,000                         | 1.08E-04            | 1.01E-03               | 2.52E-04        | 1.19E-05        | 3.72E-04        | 5.29E-04        |
| Gasoline Passenger Trucks | 3,597,000                         | 2.49E-04            | 1.73E-03               | 7.44E-04        | 4.75E-05        | 8.66E-04        | 1.08E-03        |
| <b>Total</b>              |                                   | <b>3.57E-04</b>     | <b>2.74E-03</b>        | <b>9.96E-04</b> | <b>5.95E-05</b> | <b>1.24E-03</b> | <b>1.61E-03</b> |

**Table 9.B.1.19 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**On-Road Worker Commuting Hazardous Air Pollutant Emission Factors**  
**(Continued)**

| Vehicle                                                                                      | Emission Factor (g/VMT) <sup>1</sup> |          |             |          |                 |          |          |          | Average Travel Miles<br>(miles/vehicle) <sup>2</sup> | No. of Vehicles/Day <sup>2</sup> | Vehicle Usage<br>(days/year) <sup>2</sup> |
|----------------------------------------------------------------------------------------------|--------------------------------------|----------|-------------|----------|-----------------|----------|----------|----------|------------------------------------------------------|----------------------------------|-------------------------------------------|
|                                                                                              | Formaldehyde                         | Hexane   | Naphthalene | PAH      | Propionaldehyde | Styrene  | Toluene  | Xylenes  |                                                      |                                  |                                           |
| <b>2026</b>                                                                                  |                                      |          |             |          |                 |          |          |          |                                                      |                                  |                                           |
| Gasoline Passenger Cars                                                                      | 2.23E-04                             | 8.46E-04 | 5.82E-08    | 1.33E-05 | 9.76E-06        | 1.27E-05 | 3.41E-03 | 1.54E-03 | 50                                                   | 110                              | 66                                        |
| Gasoline Passenger Trucks                                                                    | 3.07E-04                             | 4.87E-04 | 7.40E-08    | 1.86E-05 | 1.50E-05        | 1.86E-05 | 2.10E-03 | 1.11E-03 | 50                                                   | 330                              | 66                                        |
| <b>2027</b>                                                                                  |                                      |          |             |          |                 |          |          |          |                                                      |                                  |                                           |
| Gasoline Passenger Cars                                                                      | 2.23E-04                             | 8.46E-04 | 5.82E-08    | 1.33E-05 | 9.76E-06        | 1.27E-05 | 3.41E-03 | 1.54E-03 | 50                                                   | 550                              | 261                                       |
| Gasoline Passenger Trucks                                                                    | 3.07E-04                             | 4.87E-04 | 7.40E-08    | 1.86E-05 | 1.50E-05        | 1.86E-05 | 2.10E-03 | 1.11E-03 | 50                                                   | 1,650                            | 261                                       |
| <b>2028</b>                                                                                  |                                      |          |             |          |                 |          |          |          |                                                      |                                  |                                           |
| Gasoline Passenger Cars                                                                      | 2.09E-04                             | 8.32E-04 | 5.38E-08    | 1.23E-05 | 8.96E-06        | 1.17E-05 | 3.38E-03 | 1.53E-03 | 50                                                   | 481                              | 260                                       |
| Gasoline Passenger Trucks                                                                    | 2.85E-04                             | 4.72E-04 | 6.92E-08    | 1.72E-05 | 1.37E-05        | 1.71E-05 | 2.01E-03 | 1.06E-03 | 50                                                   | 1,444                            | 260                                       |
| <b>2029</b>                                                                                  |                                      |          |             |          |                 |          |          |          |                                                      |                                  |                                           |
| Gasoline Passenger Cars                                                                      | 1.97E-04                             | 8.18E-04 | 5.09E-08    | 1.16E-05 | 8.31E-06        | 1.10E-05 | 3.35E-03 | 1.51E-03 | 50                                                   | 220                              | 109                                       |
| Gasoline Passenger Trucks                                                                    | 2.65E-04                             | 4.58E-04 | 6.51E-08    | 1.60E-05 | 1.25E-05        | 1.58E-05 | 1.93E-03 | 1.01E-03 | 50                                                   | 660                              | 109                                       |
| 1. EPA MOVES.<br>2. Based on engineering estimates and best currently available information. |                                      |          |             |          |                 |          |          |          |                                                      |                                  |                                           |

**Table 9.B.1.19 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**On-Road Worker Commuting Hazardous Air Pollutant Emissions**  
**(Continued)**

| Vehicle                   | Vehicle Miles Traveled (VMT/year) | Emissions (tons/yr) |                 |                 |                 |                 |                 |                 |                 |
|---------------------------|-----------------------------------|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                           |                                   | Formaldehyde        | Hexane          | Naphthalene     | PAH             | Propionaldehyde | Styrene         | Toluene         | Xylenes         |
| <b>2026</b>               |                                   |                     |                 |                 |                 |                 |                 |                 |                 |
| Gasoline Passenger Cars   | 363,000                           | 8.91E-05            | 3.38E-04        | 2.33E-08        | 5.31E-06        | 3.90E-06        | 5.07E-06        | 1.36E-03        | 6.17E-04        |
| Gasoline Passenger Trucks | 1,089,000                         | 3.69E-04            | 5.85E-04        | 8.88E-08        | 2.24E-05        | 1.80E-05        | 2.24E-05        | 2.52E-03        | 1.33E-03        |
| <b>Total</b>              |                                   | <b>4.58E-04</b>     | <b>9.23E-04</b> | <b>1.12E-07</b> | <b>2.77E-05</b> | <b>2.19E-05</b> | <b>2.74E-05</b> | <b>3.88E-03</b> | <b>1.95E-03</b> |
| <b>2027</b>               |                                   |                     |                 |                 |                 |                 |                 |                 |                 |
| Gasoline Passenger Cars   | 7,177,500                         | 1.76E-03            | 6.69E-03        | 4.60E-07        | 1.05E-04        | 7.72E-05        | 1.00E-04        | 2.70E-02        | 1.22E-02        |
| Gasoline Passenger Trucks | 21,532,500                        | 7.29E-03            | 1.16E-02        | 1.76E-06        | 4.42E-04        | 3.56E-04        | 4.42E-04        | 4.98E-02        | 2.63E-02        |
| <b>Total</b>              |                                   | <b>9.05E-03</b>     | <b>1.83E-02</b> | <b>2.22E-06</b> | <b>5.47E-04</b> | <b>4.33E-04</b> | <b>5.42E-04</b> | <b>7.68E-02</b> | <b>3.85E-02</b> |
| <b>2028</b>               |                                   |                     |                 |                 |                 |                 |                 |                 |                 |
| Gasoline Passenger Cars   | 6,256,250                         | 1.44E-03            | 5.74E-03        | 3.71E-07        | 8.52E-05        | 6.18E-05        | 8.10E-05        | 2.33E-02        | 1.05E-02        |
| Gasoline Passenger Trucks | 18,768,750                        | 5.89E-03            | 9.76E-03        | 1.43E-06        | 3.56E-04        | 2.83E-04        | 3.54E-04        | 4.17E-02        | 2.19E-02        |
| <b>Total</b>              |                                   | <b>7.33E-03</b>     | <b>1.55E-02</b> | <b>1.80E-06</b> | <b>4.41E-04</b> | <b>3.45E-04</b> | <b>4.34E-04</b> | <b>6.50E-02</b> | <b>3.24E-02</b> |
| <b>2029</b>               |                                   |                     |                 |                 |                 |                 |                 |                 |                 |
| Gasoline Passenger Cars   | 1,199,000                         | 2.61E-04            | 1.08E-03        | 6.73E-08        | 1.53E-05        | 1.10E-05        | 1.45E-05        | 4.43E-03        | 2.00E-03        |
| Gasoline Passenger Trucks | 3,597,000                         | 1.05E-03            | 1.82E-03        | 2.58E-07        | 6.34E-05        | 4.97E-05        | 6.25E-05        | 7.67E-03        | 4.00E-03        |
| <b>Total</b>              |                                   | <b>1.31E-03</b>     | <b>2.90E-03</b> | <b>3.25E-07</b> | <b>7.87E-05</b> | <b>6.07E-05</b> | <b>7.70E-05</b> | <b>1.21E-02</b> | <b>6.00E-03</b> |

**Table 9.B.1.19 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**On-Road Worker Commuting Hazardous Air Pollutant Emission Factors**  
**(Continued)**

| Vehicle                                                                                       | Emission Factor (g/VMT) <sup>1</sup> |             |          |          | Average Travel Miles<br>(miles/vehicle) <sup>2</sup> | No. of Vehicles/Day <sup>2</sup> | Vehicle Usage<br>(days/year) <sup>2</sup> |
|-----------------------------------------------------------------------------------------------|--------------------------------------|-------------|----------|----------|------------------------------------------------------|----------------------------------|-------------------------------------------|
|                                                                                               | Arsenic                              | Chromium VI | Mercury  | Nickel   |                                                      |                                  |                                           |
| <b>2026</b>                                                                                   |                                      |             |          |          |                                                      |                                  |                                           |
| Gasoline Passenger Cars                                                                       | 2.30E-06                             | 1.20E-08    | 1.20E-07 | 1.50E-06 | 50                                                   | 110                              | 66                                        |
| Gasoline Passenger Trucks                                                                     | 2.30E-06                             | 1.20E-08    | 1.20E-07 | 1.50E-06 | 50                                                   | 330                              | 66                                        |
| <b>2027</b>                                                                                   |                                      |             |          |          |                                                      |                                  |                                           |
| Gasoline Passenger Cars                                                                       | 2.30E-06                             | 1.20E-08    | 1.20E-07 | 1.50E-06 | 50                                                   | 550                              | 261                                       |
| Gasoline Passenger Trucks                                                                     | 2.30E-06                             | 1.20E-08    | 1.20E-07 | 1.50E-06 | 50                                                   | 1,650                            | 261                                       |
| <b>2028</b>                                                                                   |                                      |             |          |          |                                                      |                                  |                                           |
| Gasoline Passenger Cars                                                                       | 2.3E-06                              | 1.2E-08     | 1.20E-07 | 1.5E-06  | 50                                                   | 481                              | 260                                       |
| Gasoline Passenger Trucks                                                                     | 2.3E-06                              | 1.2E-08     | 1.20E-07 | 1.5E-06  | 50                                                   | 1,444                            | 260                                       |
| <b>2029</b>                                                                                   |                                      |             |          |          |                                                      |                                  |                                           |
| Gasoline Passenger Cars                                                                       | 2.3E-06                              | 1.2E-08     | 1.20E-07 | 1.5E-06  | 50                                                   | 220                              | 109                                       |
| Gasoline Passenger Trucks                                                                     | 2.3E-06                              | 1.2E-08     | 1.20E-07 | 1.5E-06  | 50                                                   | 660                              | 109                                       |
| 1. EPA MOVES5.<br>2. Based on engineering estimates and best currently available information. |                                      |             |          |          |                                                      |                                  |                                           |

**Table 9.B.1.19 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**On-Road Worker Commuting Hazardous Air Pollutant Emissions**  
**(Continued)**

| Vehicle                   | Vehicle Miles Traveled (VMT/year) | Emissions (tons/yr) |                 |                 |                 |
|---------------------------|-----------------------------------|---------------------|-----------------|-----------------|-----------------|
|                           |                                   | Arsenic             | Chromium VI     | Mercury         | Nickel          |
| <b>2026</b>               |                                   |                     |                 |                 |                 |
| Gasoline Passenger Cars   | 363,000                           | 9.20E-07            | 4.80E-09        | 4.81E-08        | 6.00E-07        |
| Gasoline Passenger Trucks | 1,089,000                         | 2.76E-06            | 1.44E-08        | 1.44E-07        | 1.80E-06        |
| <b>Total</b>              |                                   | <b>3.68E-06</b>     | <b>1.92E-08</b> | <b>1.93E-07</b> | <b>2.40E-06</b> |
| <b>2027</b>               |                                   |                     |                 |                 |                 |
| Gasoline Passenger Cars   | 7,177,500                         | 1.82E-05            | 9.49E-08        | 9.52E-07        | 1.19E-05        |
| Gasoline Passenger Trucks | 21,532,500                        | 5.46E-05            | 2.85E-07        | 2.86E-06        | 3.56E-05        |
| <b>Total</b>              |                                   | <b>7.28E-05</b>     | <b>3.80E-07</b> | <b>3.81E-06</b> | <b>4.75E-05</b> |
| <b>2028</b>               |                                   |                     |                 |                 |                 |
| Gasoline Passenger Cars   | 6,256,250                         | 1.59E-05            | 8.28E-08        | 8.30E-07        | 1.03E-05        |
| Gasoline Passenger Trucks | 18,768,750                        | 4.76E-05            | 2.48E-07        | 2.49E-06        | 3.10E-05        |
| <b>Total</b>              |                                   | <b>6.34E-05</b>     | <b>3.31E-07</b> | <b>3.32E-06</b> | <b>4.14E-05</b> |
| <b>2029</b>               |                                   |                     |                 |                 |                 |
| Gasoline Passenger Cars   | 1,199,000                         | 3.04E-06            | 1.59E-08        | 1.59E-07        | 1.98E-06        |
| Gasoline Passenger Trucks | 3,597,000                         | 9.12E-06            | 4.76E-08        | 4.77E-07        | 5.95E-06        |
| <b>Total</b>              |                                   | <b>1.22E-05</b>     | <b>6.34E-08</b> | <b>6.36E-07</b> | <b>7.93E-06</b> |

**Table 9.B.1.20 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**Barge and Tug Transport - Criteria and Greenhouse Gas Emissions**

|                            |  | Emission Factors (g/kw-hr) <sup>1</sup> |      |      |                  |                   |                 |                 |                  |                 |
|----------------------------|--|-----------------------------------------|------|------|------------------|-------------------|-----------------|-----------------|------------------|-----------------|
|                            |  | NO <sub>x</sub>                         | VOC  | CO   | PM <sub>10</sub> | PM <sub>2.5</sub> | SO <sub>2</sub> | CO <sub>2</sub> | N <sub>2</sub> O | CH <sub>4</sub> |
| Tug Boat Engine            |  | 10.28                                   | 0.30 | 1.61 | 0.26             | 0.25              | 0.01            | 679             | 0.03             | 0.01            |
|                            |  |                                         |      |      |                  |                   |                 |                 |                  |                 |
| Engine Data <sup>2</sup>   |  |                                         |      |      |                  |                   |                 |                 |                  |                 |
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| Tug Boat Engine Power (kW) |  | 3,000                                   |      |      |                  |                   |                 |                 |                  |                 |
| Engines per Tug Boat       |  | 1                                       |      |      |                  |                   |                 |                 |                  |                 |
| Number of Barges per Tug   |  | 9                                       |      |      |                  |                   |                 |                 |                  |                 |
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**Table 9.B.1.21 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project  
Barge and Tug Transport - Hazardous Air Pollutant Emissions**

| Engine Data <sup>2</sup>   |       | Year  | No. of Barges <sup>2</sup> | No. of Calls for Tugs | Comments              |
|----------------------------|-------|-------|----------------------------|-----------------------|-----------------------|
| Tug Boat Engine Power (hp) | 4,023 | 2026  | 90                         | 10                    | Equipment / Materials |
| Engines per Tug Boat       | 1     | 2027  | 401                        | 45                    | Equipment / Materials |
| Number of Barges per Tug   | 9     | 2028  | 468                        | 53                    | Equipment / Materials |
|                            |       | 2029  | 178                        | 20                    | Equipment / Materials |
|                            |       | Total | 1,048                      | 118                   |                       |

| Pollutant                                                                                                                                                              | Basis <sup>1</sup>    | Fraction <sup>1</sup> | Potential Emissions |          |          |          |          |          |          |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|---------------------|----------|----------|----------|----------|----------|----------|----------|
|                                                                                                                                                                        |                       |                       | 2026                | 2026     | 2027     | 2027     | 2028     | 2028     | 2029     | 2029     |
|                                                                                                                                                                        |                       |                       | (lb/hr)             | (tpy)    | (lb/hr)  | (tpy)    | (lb/hr)  | (tpy)    | (lb/hr)  | (tpy)    |
| 1,3-Butadiene                                                                                                                                                          | VOC                   | 1.013E-03             | 1.51E-05            | 6.59E-05 | 1.51E-05 | 2.97E-04 | 6.77E-05 | 3.49E-04 | 7.98E-05 | 1.32E-04 |
| 2,2,4-Trimethylpentane                                                                                                                                                 | VOC                   | 7.120E-03             | 1.06E-04            | 4.63E-04 | 1.06E-04 | 2.09E-03 | 4.76E-04 | 2.46E-03 | 5.61E-04 | 0.001    |
| Acetaldehyde                                                                                                                                                           | VOC                   | 9.783E-03             | 1.45E-04            | 6.37E-04 | 1.45E-04 | 2.87E-03 | 6.54E-04 | 3.38E-03 | 7.71E-04 | 0.001    |
| Acrolein                                                                                                                                                               | VOC                   | 1.848E-03             | 2.75E-05            | 1.20E-04 | 2.75E-05 | 5.41E-04 | 1.24E-04 | 6.38E-04 | 1.46E-04 | 2.41E-04 |
| Benzene                                                                                                                                                                | VOC                   | 4.739E-03             | 7.04E-05            | 3.08E-04 | 7.04E-05 | 1.39E-03 | 3.17E-04 | 1.63E-03 | 3.73E-04 | 0.001    |
| Ethyl Benzene                                                                                                                                                          | VOC                   | 4.390E-04             | 6.52E-06            | 2.86E-05 | 6.52E-06 | 1.29E-04 | 2.94E-05 | 1.51E-04 | 3.46E-05 | 5.72E-05 |
| Formaldehyde                                                                                                                                                           | VOC                   | 4.270E-02             | 0.001               | 2.78E-03 | 6.35E-04 | 1.25E-02 | 2.86E-03 | 1.47E-02 | 3.36E-03 | 0.01     |
| Naphthalene                                                                                                                                                            | VOC                   | 3.130E-02             | 0.000               | 2.04E-03 | 4.65E-04 | 9.17E-03 | 2.09E-03 | 1.08E-02 | 2.47E-03 | 0.00     |
| Hexane                                                                                                                                                                 | VOC                   | 2.790E-03             | 4.15E-05            | 1.82E-04 | 4.15E-05 | 8.17E-04 | 1.87E-04 | 9.63E-04 | 2.20E-04 | 0.000    |
| Propionaldehyde                                                                                                                                                        | VOC                   | 1.517E-03             | 2.25E-05            | 9.87E-05 | 2.25E-05 | 4.44E-04 | 1.01E-04 | 5.23E-04 | 1.19E-04 | 1.97E-04 |
| Toluene                                                                                                                                                                | VOC                   | 2.035E-03             | 3.02E-05            | 1.32E-04 | 3.02E-05 | 5.96E-04 | 1.36E-04 | 7.02E-04 | 1.60E-04 | 2.65E-04 |
| Xylenes (Mixed Isomers)                                                                                                                                                | VOC                   | 1.935E-03             | 2.88E-05            | 1.26E-04 | 2.88E-05 | 5.67E-04 | 1.29E-04 | 6.68E-04 | 1.52E-04 | 2.52E-04 |
| Polychlorinated Biphenyls                                                                                                                                              | PM <sub>2.5</sub>     | 4.180E-07             | 5.28E-09            | 2.31E-08 | 5.28E-09 | 1.04E-07 | 2.37E-08 | 1.23E-07 | 2.80E-08 | 4.62E-08 |
| Total PAH                                                                                                                                                              | VOC/PM <sub>2.5</sub> | -                     | 0.000               | 2.19E-03 | 4.99E-04 | 9.84E-03 | 2.25E-03 | 1.16E-02 | 2.65E-03 | 0.00     |
| Antimony                                                                                                                                                               | PM <sub>2.5</sub>     | 6.150E-04             | 7.76E-06            | 3.40E-05 | 7.76E-06 | 1.53E-04 | 3.49E-05 | 1.80E-04 | 4.12E-05 | 6.80E-05 |
| Arsenic                                                                                                                                                                | PM <sub>2.5</sub>     | 2.590E-05             | 3.27E-07            | 1.43E-06 | 3.27E-07 | 6.44E-06 | 1.47E-06 | 7.59E-06 | 1.73E-06 | 2.86E-06 |
| Cadmium                                                                                                                                                                | PM <sub>2.5</sub>     | 2.360E-04             | 2.98E-06            | 1.31E-05 | 2.98E-06 | 5.87E-05 | 1.34E-05 | 6.92E-05 | 1.58E-05 | 2.61E-05 |
| Chromium (VI)                                                                                                                                                          | PM <sub>2.5</sub>     | 7.240E-09             | 9.14E-11            | 4.00E-10 | 9.14E-11 | 1.80E-09 | 4.11E-10 | 2.12E-09 | 4.84E-10 | 8.01E-10 |
| Lead                                                                                                                                                                   | PM <sub>2.5</sub>     | 1.250E-04             | 1.58E-06            | 6.91E-06 | 1.58E-06 | 3.11E-05 | 7.10E-06 | 3.66E-05 | 8.36E-06 | 1.38E-05 |
| Manganese                                                                                                                                                              | PM <sub>2.5</sub>     | 3.220E-06             | 4.07E-08            | 1.78E-07 | 4.07E-08 | 8.01E-07 | 1.83E-07 | 9.44E-07 | 2.15E-07 | 3.56E-07 |
| Mercury                                                                                                                                                                | PM <sub>2.5</sub>     | 4.180E-08             | 5.28E-10            | 2.31E-09 | 5.28E-10 | 1.04E-08 | 2.37E-09 | 1.23E-08 | 2.80E-09 | 4.62E-09 |
| Nickel                                                                                                                                                                 | PM <sub>2.5</sub>     | 6.870E-04             | 8.67E-06            | 3.80E-05 | 8.67E-06 | 1.71E-04 | 3.90E-05 | 2.01E-04 | 4.60E-05 | 7.60E-05 |
| Selenium                                                                                                                                                               | PM <sub>2.5</sub>     | 4.380E-08             | 5.53E-10            | 2.42E-09 | 5.53E-10 | 1.09E-08 | 2.49E-09 | 1.28E-08 | 2.93E-09 | 4.84E-09 |
| 1. Based on Table D.1 of Ports Emissions Inventory Guidance: Methodologies for Estimating Port-Related and Goods Movement Mobile Source Emissions, US EPA, April 2022. |                       |                       |                     |          |          |          |          |          |          |          |
| 2. Based on engineering estimates and best currently available information.                                                                                            |                       |                       |                     |          |          |          |          |          |          |          |

**Table 9.B.1.22 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**Bulk Carrier and Tug Transport - Criteria and Greenhouse Gas Emissions**

|                     | Emission Factors (g/kw-hr) <sup>1,2</sup> |      |      |                  |                   |                 |                 |                  |                 |
|---------------------|-------------------------------------------|------|------|------------------|-------------------|-----------------|-----------------|------------------|-----------------|
|                     | NO <sub>x</sub>                           | VOC  | CO   | PM <sub>10</sub> | PM <sub>2.5</sub> | SO <sub>2</sub> | CO <sub>2</sub> | N <sub>2</sub> O | CH <sub>4</sub> |
| Bulk Carrier Engine | 7.80                                      | 0.63 | 1.40 | 0.27             | 0.25              | 0.01            | 593             | 0.03             | 0.01            |
| Tug Boat Engine     | 10.28                                     | 0.30 | 1.61 | 0.26             | 0.25              | 0.01            | 679             | 0.03             | 0.01            |

| Engine Data <sup>3</sup>       |        | Year | No. of Bulk Carriers <sup>3</sup> | Comments              |
|--------------------------------|--------|------|-----------------------------------|-----------------------|
| Bulk Carrier Engine Power (kW) | 20,000 | 2026 | 2                                 | Equipment / Materials |
| Engines per Bulk Carriers      | 1      | 2027 | 5                                 | Equipment / Materials |
| Tug Boat Engine Power (kW)     | 3,000  | 2028 | 10                                | Equipment / Materials |
| Engines per Tug Boat           | 1      | 2029 | 5                                 | Equipment / Materials |
| Tug Boats per Bulk Carrier     | 2      |      |                                   |                       |

| Bulk Carrier and Tug Boat Activity <sup>3</sup> |              |       |          |       |         |          |
|-------------------------------------------------|--------------|-------|----------|-------|---------|----------|
|                                                 | Bulk Carrier |       |          |       |         | Tug Boat |
| Mode                                            | Cruise       | RSZ   | Maneuver | Hotel | Holding | Cruise   |
| Time (hours per call)                           | 1.50         | 10.86 | 0.58     | 36.00 | 0.67    | 0.34     |
| Load Factors                                    |              |       |          |       |         |          |
| Bulk Carrier % Power                            | 0.50         | 0.25  | 0.50     | 0.02  | 0.15    | -        |
| Tug Boat % Power                                | -            | -     | 0.60     | -     | 0.15    | 0.80     |

| Mode                     | Emission Rates <sup>4</sup> |                 |                 |        |                  |                   |                 |                  |                 |
|--------------------------|-----------------------------|-----------------|-----------------|--------|------------------|-------------------|-----------------|------------------|-----------------|
|                          | CO                          | NO <sub>x</sub> | SO <sub>2</sub> | VOC    | PM <sub>10</sub> | PM <sub>2.5</sub> | CO <sub>2</sub> | N <sub>2</sub> O | CH <sub>4</sub> |
| Cruise (g/call)          | 21,000                      | 117,000         | 81              | 9,477  | 4,050            | 3,750             | 8,896,650       | 435              | 180             |
| RSZ (g/call)             | 76,020                      | 423,540         | 295             | 34,307 | 14,661           | 13,575            | 32,205,873      | 1575             | 652             |
| Maneuver (g/call)        | 11,487                      | 66,708          | 45              | 4,282  | 2,107            | 1,974             | 4,858,771       | 238              | 81              |
| Hotel (g/call)           | 20,160                      | 112,320         | 78              | 9,098  | 3,888            | 3,600             | 8,540,784       | 418              | 173             |
| Holding (g/call)         | 3,786                       | 21,878          | 15              | 1,448  | 699              | 654               | 1,601,872       | 78               | 28              |
| Tug boat cruise (g/call) | 2,632                       | 16,779          | 10.19           | 482    | 423              | 410               | 1,108,895       | 54               | 9               |
| Total (g/call)           | 135,085                     | 758,225         | 523             | 59,094 | 25,827           | 23,963            | 57,212,845      | 2797             | 1122            |
| Total (tons/call)        | 0.15                        | 0.84            | 5.77E-04        | 0.07   | 0.03             | 0.03              | 63              | 0.003            | 0.001           |

| Year  | Annual Emissions (tons) |                 |                 |      |                  |                   |                 |                  |                 |
|-------|-------------------------|-----------------|-----------------|------|------------------|-------------------|-----------------|------------------|-----------------|
|       | CO                      | NO <sub>x</sub> | SO <sub>2</sub> | VOC  | PM <sub>10</sub> | PM <sub>2.5</sub> | CO <sub>2</sub> | N <sub>2</sub> O | CH <sub>4</sub> |
| 2026  | 0.35                    | 1.95            | 1.35E-03        | 0.15 | 0.07             | 0.06              | 147             | 0.01             | 0.003           |
| 2027  | 0.74                    | 4.18            | 2.89E-03        | 0.33 | 0.14             | 0.13              | 315             | 0.02             | 0.01            |
| 2028  | 1.49                    | 8.36            | 5.77E-03        | 0.65 | 0.28             | 0.26              | 631             | 0.03             | 0.01            |
| 2029  | 0.69                    | 3.90            | 2.69E-03        | 0.30 | 0.13             | 0.12              | 294             | 0.01             | 0.01            |
| Total | 3.28                    | 18.39           | 0.01            | 1.43 | 0.63             | 0.58              | 1,387           | 0.07             | 0.03            |

1. Emission factors are obtained from Table H.7 of [Ports Emissions Inventory Guidance: Methodologies for Estimating Port-Related and Goods Movement Mobile Source Emissions](#), US EPA, April 2022 (conservatively assumed Tier 0 engines). CH<sub>4</sub> and N<sub>2</sub>O emission factors are based on Sections 4.5.4 and 4.5.5 of [Ports Emissions Inventory Guidance: Methodologies for Estimating Port-Related and Goods Movement Mobile Source Emissions](#), US EPA, April 2022, respectively.

2. For Bulk Carriers: NO<sub>x</sub> and PM<sub>10</sub> emission factors based on Table 2 of 40 CFR 1042 Appendix I. Assuming NO<sub>x</sub> is 100% of THC+NO<sub>x</sub> to be conservative. PM<sub>2.5</sub> emission factor is assumed to be 92% of PM<sub>10</sub> based on Section 3.5.3 of the [Ports Emissions Inventory Guidance: Methodologies for Estimating Port-Related and Goods Movement Mobile Source Emissions](#), US EPA, April 2022. VOC, CO, and CH<sub>4</sub> emission factors are based on Table 3.8 and Section 3.5.4 (VOC emission factor based on 1.053 x HC emission factor and CH<sub>4</sub> emission factor based on 2% of HC emission factor) and N<sub>2</sub>O emission factors are based on Table 3.9 of the [Ports Emissions Inventory Guidance: Methodologies for Estimating Port-Related and Goods Movement Mobile Source Emissions](#), US EPA, April 2022. CO<sub>2</sub> emission factors are based on Equation 3.4, and SO<sub>2</sub> emission factors are based on Equation 3.5 of the Ports Emissions Inventory Guidance. Emission factors for the bulk carriers are based on Slow Speed Diesel Engine Type.

3. Based on engineering estimates and best currently available information.

4. Emission rates were calculated using the following equation:

$$E \text{ (g/call)} = N_{\text{TUG}} * (P_{\text{TUG}} * E_{\text{TUG}} * LF_{\text{TUG}} * A * EF_{\text{TUG}}) + (P_{\text{BULK}} * E_{\text{BULK}} * LF_{\text{BULK}} * A * EF_{\text{BULK}})$$

Where

N = No. of Tug Boats per Bulk Carrier

P = Engine Power Rating (kW)

E = Number of Main Engines per Vessel

LF = Load Factor

A = Activity (hours)

EF = Emission Factor

**Table 9.B.1.23 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project  
Barge and Tug Transport - Hazardous Air Pollutant Emissions**

| Engine Data <sup>2</sup>       | Year   | No. of Bulk Carriers <sup>2</sup> | Comments                 |
|--------------------------------|--------|-----------------------------------|--------------------------|
| Bulk Carrier Engine Power (kW) | 20,000 | 2026                              | 2 Equipment / Materials  |
| Engines per Bulk Carriers      | 1      | 2027                              | 5 Equipment / Materials  |
| Tug Boat Engine Power (kW)     | 3,000  | 2028                              | 10 Equipment / Materials |
| Engines per Tug Boat           | 1      | 2029                              | 5 Equipment / Materials  |
| Tug Boats per Bulk Carrier     | 2      | <b>Total</b>                      | <b>20</b>                |

| Pollutant                 | Basis <sup>1</sup>    | Fraction <sup>1</sup> | Potential Emissions |          |          |          |          |          |          |          |
|---------------------------|-----------------------|-----------------------|---------------------|----------|----------|----------|----------|----------|----------|----------|
|                           |                       |                       | 2026                | 2026     | 2027     | 2027     | 2028     | 2028     | 2029     | 2029     |
|                           |                       |                       | (lb/hr)             | (tpy)    | (lb/hr)  | (tpy)    | (lb/hr)  | (tpy)    | (lb/hr)  | (tpy)    |
| 1,3-Butadiene             | VOC                   | 1.013E-03             | 3.52E-05            | 1.54E-04 | 7.53E-05 | 3.30E-04 | 1.51E-04 | 6.60E-04 | 7.03E-05 | 3.08E-04 |
| 2,2,4-Trimethylpentane    | VOC                   | 7.120E-03             | 2.47E-04            | 1.08E-03 | 5.29E-04 | 2.32E-03 | 1.06E-03 | 4.64E-03 | 4.94E-04 | 2.16E-03 |
| Acetaldehyde              | VOC                   | 9.783E-03             | 3.39E-04            | 1.49E-03 | 7.27E-04 | 3.19E-03 | 1.45E-03 | 6.37E-03 | 6.79E-04 | 0.003    |
| Acrolein                  | VOC                   | 1.848E-03             | 6.41E-05            | 2.81E-04 | 1.37E-04 | 6.02E-04 | 2.75E-04 | 1.20E-03 | 1.28E-04 | 5.62E-04 |
| Benzene                   | VOC                   | 4.739E-03             | 1.64E-04            | 7.20E-04 | 3.52E-04 | 1.54E-03 | 7.05E-04 | 3.09E-03 | 3.29E-04 | 1.44E-03 |
| Ethyl Benzene             | VOC                   | 4.390E-04             | 1.52E-05            | 6.67E-05 | 3.26E-05 | 1.43E-04 | 6.53E-05 | 2.86E-04 | 3.05E-05 | 1.33E-04 |
| Formaldehyde              | VOC                   | 4.270E-02             | 1.48E-03            | 6.49E-03 | 3.17E-03 | 1.39E-02 | 6.35E-03 | 2.78E-02 | 0.003    | 0.013    |
| Naphthalene               | VOC                   | 3.130E-02             | 1.09E-03            | 4.76E-03 | 2.33E-03 | 1.02E-02 | 4.66E-03 | 2.04E-02 | 2.17E-03 | 0.010    |
| Hexane                    | VOC                   | 2.790E-03             | 9.68E-05            | 4.24E-04 | 2.07E-04 | 9.09E-04 | 4.15E-04 | 1.82E-03 | 1.94E-04 | 8.48E-04 |
| Propionaldehyde           | VOC                   | 1.517E-03             | 5.26E-05            | 2.31E-04 | 1.13E-04 | 4.94E-04 | 2.26E-04 | 9.88E-04 | 1.05E-04 | 4.61E-04 |
| Toluene                   | VOC                   | 2.035E-03             | 7.06E-05            | 3.09E-04 | 1.51E-04 | 6.63E-04 | 3.03E-04 | 1.33E-03 | 1.41E-04 | 6.19E-04 |
| Xylenes (Mixed Isomers)   | VOC                   | 1.935E-03             | 6.71E-05            | 2.94E-04 | 1.44E-04 | 6.30E-04 | 2.88E-04 | 1.26E-03 | 1.34E-04 | 5.88E-04 |
| Polychlorinated Biphenyls | PM <sub>2.5</sub>     | 4.180E-07             | 5.88E-09            | 2.58E-08 | 1.26E-08 | 5.52E-08 | 2.52E-08 | 1.10E-07 | 1.18E-08 | 5.15E-08 |
| Total PAH                 | VOC/PM <sub>2.5</sub> | -                     | 1.16E-03            | 5.09E-03 | 2.49E-03 | 1.09E-02 | 4.98E-03 | 2.18E-02 | 2.32E-03 | 0.010    |
| Antimony                  | PM <sub>2.5</sub>     | 6.150E-04             | 8.65E-06            | 3.79E-05 | 1.85E-05 | 8.12E-05 | 3.71E-05 | 1.62E-04 | 1.73E-05 | 7.58E-05 |
| Arsenic                   | PM <sub>2.5</sub>     | 2.590E-05             | 3.64E-07            | 1.60E-06 | 7.81E-07 | 3.42E-06 | 1.56E-06 | 6.84E-06 | 7.29E-07 | 3.19E-06 |
| Cadmium                   | PM <sub>2.5</sub>     | 2.360E-04             | 3.32E-06            | 1.45E-05 | 7.12E-06 | 3.12E-05 | 1.42E-05 | 6.23E-05 | 6.64E-06 | 2.91E-05 |
| Chromium (VI)             | PM <sub>2.5</sub>     | 7.240E-09             | 1.02E-10            | 4.46E-10 | 2.18E-10 | 9.56E-10 | 4.37E-10 | 1.91E-09 | 2.04E-10 | 8.92E-10 |
| Lead                      | PM <sub>2.5</sub>     | 1.250E-04             | 1.76E-06            | 7.70E-06 | 3.77E-06 | 1.65E-05 | 7.54E-06 | 3.30E-05 | 3.52E-06 | 1.54E-05 |
| Manganese                 | PM <sub>2.5</sub>     | 3.220E-06             | 4.53E-08            | 1.98E-07 | 9.71E-08 | 4.25E-07 | 1.94E-07 | 8.51E-07 | 9.06E-08 | 3.97E-07 |
| Mercury                   | PM <sub>2.5</sub>     | 4.180E-08             | 5.88E-10            | 2.58E-09 | 1.26E-09 | 5.52E-09 | 2.52E-09 | 1.10E-08 | 1.18E-09 | 5.15E-09 |
| Nickel                    | PM <sub>2.5</sub>     | 6.870E-04             | 9.67E-06            | 4.23E-05 | 2.07E-05 | 9.07E-05 | 4.14E-05 | 1.81E-04 | 1.93E-05 | 8.47E-05 |
| Selenium                  | PM <sub>2.5</sub>     | 4.380E-08             | 6.16E-10            | 2.70E-09 | 1.32E-09 | 5.78E-09 | 2.64E-09 | 1.16E-08 | 1.23E-09 | 5.40E-09 |

1. Based on Table D.1 of Ports Emissions Inventory Guidance: Methodologies for Estimating Port-Related and Goods Movement Mobile Source Emissions, US EPA, April 2022.

2. Based on engineering estimates and best currently available information.

**Table 9.B.1.24- Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project  
Fugitive Dust from Construction Activity**

| Year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Construction Area <sup>4</sup><br>(acres) | Emission Factor<br>(ton/acre-month) |                                | Duration <sup>4</sup><br>(months) | Uncontrolled Emissions<br>(tons/year) |                   | Controlled Emissions <sup>3</sup><br>(tons/year) |                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------|--------------------------------|-----------------------------------|---------------------------------------|-------------------|--------------------------------------------------|-------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           | PM <sub>10</sub> <sup>1</sup>       | PM <sub>2.5</sub> <sup>2</sup> |                                   | PM <sub>10</sub>                      | PM <sub>2.5</sub> | PM <sub>10</sub>                                 | PM <sub>2.5</sub> |
| 2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 32.77                                     | 1.10E-01                            | 1.10E-02                       | 3                                 | 10.81                                 | 1.08              | 5.41                                             | 0.54              |
| 2027                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 147.46                                    | 1.10E-01                            | 1.10E-02                       | 12                                | 194.65                                | 19.46             | 97.32                                            | 9.73              |
| 2028                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 172.04                                    | 1.10E-01                            | 1.10E-02                       | 12                                | 227.09                                | 22.71             | 113.54                                           | 11.35             |
| 2029                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 65.54                                     | 1.10E-01                            | 1.10E-02                       | 4                                 | 28.84                                 | 2.88              | 14.42                                            | 1.44              |
| 1. WRAP Fugitive Dust Handbook, Countess Environmental, September 2006, Table 3-2, level 1, average conditions.<br>2. PM <sub>2.5</sub> /PM <sub>10</sub> = 0.10 (WRAP Fugitive Dust Handbook, Countess Environmental, September 2006, Section 3.4.1)<br>3. Control efficiency (50%) based on project measures to minimize dust utilizing water truck to dampen the right-of-way under dry-dusty conditions, "WRAP Fugitive Dust Handbook", Executive Summary, September 7, 2006.<br>4. Based on engineering estimates and best currently available information. |                                           |                                     |                                |                                   |                                       |                   |                                                  |                   |

**Table 9.B.1.25 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**Fugitive Dust from Paved Roads**

**Paved Road Data<sup>1</sup>**

|                                                           |                   |         |
|-----------------------------------------------------------|-------------------|---------|
| Road surface silt loading <sup>1</sup> , g/m <sup>2</sup> | 0.2               |         |
| Particle size multiplier (k) <sup>1</sup>                 | PM <sub>10</sub>  | 0.0022  |
|                                                           | PM <sub>2.5</sub> | 0.00054 |

| Type of Vehicle           | Vehicle Miles Traveled <sup>4</sup> , (VMT)/year |            |            |           | Average Vehicle Weight <sup>2</sup> , tons | Emission Factor <sup>3</sup> , lb/VMT |                   |
|---------------------------|--------------------------------------------------|------------|------------|-----------|--------------------------------------------|---------------------------------------|-------------------|
|                           | 2026                                             | 2027       | 2028       | 2029      |                                            | PM <sub>10</sub>                      | PM <sub>2.5</sub> |
| Gasoline Passenger Cars   | 363,000                                          | 7,177,500  | 6,256,250  | 1,199,000 | 4.63                                       | 2.43E-03                              | 5.95E-04          |
| Gasoline Passenger Trucks | 1,089,000                                        | 21,532,500 | 18,768,750 | 3,597,000 | 4.63                                       | 2.43E-03                              | 5.95E-04          |

**Paved Road Emissions**

| Year | Total Emissions, tons/year |                   |
|------|----------------------------|-------------------|
|      | PM <sub>10</sub>           | PM <sub>2.5</sub> |
| 2026 | 1.76                       | 0.43              |
| 2027 | 34.82                      | 8.55              |
| 2028 | 30.35                      | 7.45              |
| 2029 | 5.82                       | 1.43              |

1. Based on AP-42, Section 13.2.1, Paved Roads, January 2011. For silt loading, no site-specific data is available. Thus, Venture Global utilized the value from Table 13.2.1-2 for ubiquitous baseline with average daily traffic (ADT) ranging between 500 to 5,000 vehicles.

2. Based on the average Gross Vehicle Weight (lb) for HDGV (class 2B) as provided in [Table 1 of Update Heavy-Duty Engine Emission Conversion Factors for MOBILE6: Analysis of BSFCs and Calculation of Heavy-Duty Engine Emission Conversion Factors, EPA420-P-98-015, May 1998.](#)

3. PM emission factors determined by methodology from AP-42, Section 13.2.1, *Paved Roads*, Equation 1 (January, 2011)

$$E = k * (sL)^{0.91} * W^{1.02}$$

E= particulate emission factor, (lb/VMT)

k= Particle size multiplier for particle size range and units of interest from Table 13.2.1-1

sL= road surface silt loading from Table 13.2.1-2, grams per square meter (g/m<sup>2</sup>)

W= average weight of the vehicles traveling the road, tons

4. Based on engineering estimates and best currently available information.

**Table 9.B.1.26 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**Marine Unloading Conveyor**

| Description                                 | Value <sup>1</sup> |
|---------------------------------------------|--------------------|
| Control Efficiency, %                       | 0%                 |
| Empirical constants, k (PM <sub>10</sub> )  | 0.35               |
| Empirical constants, k (PM <sub>2.5</sub> ) | 0.053              |
| Mean Wind Speed (U), mph                    | 8.54               |
| Stabilization Moisture Content (M), %       | 11                 |
| Fill Moisture Content (M), %                | 11                 |
| Length of Conveyor Belt, ft                 | 1,500              |
| Number of Drops Along Conveyance            | 2                  |

| Operation                   | Throughput <sup>1</sup> , tons/year |        |        |       | Emission Factor <sup>2</sup> , lb/ton |                   |
|-----------------------------|-------------------------------------|--------|--------|-------|---------------------------------------|-------------------|
|                             | 2026                                | 2027   | 2028   | 2029  | PM <sub>10</sub>                      | PM <sub>2.5</sub> |
| Site Stabilization (ton/yr) | 850                                 | 49,275 | 24,806 | 1,700 | 6.19E-04                              | 9.38E-05          |
| Site Fill (ton/yr)          | 494                                 | 60,750 | 35,799 | 988   | 6.19E-04                              | 9.38E-05          |

| Year | Total Emissions, tons/year |                   |
|------|----------------------------|-------------------|
|      | PM <sub>10</sub>           | PM <sub>2.5</sub> |
| 2026 | 4.16E-04                   | 1.26E-04          |
| 2027 | 3.41E-02                   | 5.16E-03          |
| 2028 | 1.88E-02                   | 2.84E-03          |
| 2029 | 8.32E-04                   | 1.26E-04          |

1. Based on engineering estimates and best currently available information. Windspeed is obtained from Lake Charles Regional Airport (Station ID 3937) for 2019-2024.
2. Emission factors were calculated using Equation 1 in AP-42 Chapter 13.2.4. Aggregate Handling and Storage Piles, November 2006. The AP-42 Equation 1 has been adjusted to account for two drop points.

$$E \text{ (lb/ton)} = [k \cdot (0.0032) \cdot (U/5)^{1.3} / [(M/2)^{1.4}] \cdot [L/1000] \cdot \text{Number of Drops Along Conveyance}]$$

Where

K = Empirical constant

U = Mean Wind Speed

M = Moisture Content

L = Length of Conveyor Belt

**Table 9.B.1.27 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project  
Marine Unloading Storage Piles**

| Description                                 | Value <sup>1</sup> |
|---------------------------------------------|--------------------|
| Water Spray Control Efficiency, %           | 0.70               |
| Empirical constants, k (PM <sub>10</sub> )  | 0.35               |
| Empirical constants, k (PM <sub>2.5</sub> ) | 0.053              |
| Mean Wind Speed (U), mph                    | 8.54               |
| Stabilization Moisture Content (M), %       | 11                 |
| Fill Moisture Content (M), %                | 11                 |

| Operation                   | Throughput <sup>1</sup> , tons/year |        |        |       | Emission Factor <sup>2</sup> , lb/ton |                   |
|-----------------------------|-------------------------------------|--------|--------|-------|---------------------------------------|-------------------|
|                             | 2026                                | 2027   | 2028   | 2029  | PM <sub>10</sub>                      | PM <sub>2.5</sub> |
| Site Stabilization (ton/yr) | 850                                 | 49,275 | 24,806 | 1,700 | 2.06E-04                              | 3.13E-05          |
| Site Fill (ton/yr)          | 494                                 | 60,750 | 35,799 | 988   | 2.06E-04                              | 3.13E-05          |

| Year | Total Emissions, tons/year |                   |
|------|----------------------------|-------------------|
|      | PM <sub>10</sub>           | PM <sub>2.5</sub> |
| 2026 | 1.39E-04                   | 2.10E-05          |
| 2027 | 1.14E-02                   | 1.72E-03          |
| 2028 | 6.26E-03                   | 9.47E-04          |
| 2029 | 2.77E-04                   | 4.20E-05          |

1. Based on engineering estimates and best currently available information. Average windspeed is obtained from Lake Charles Regional Airport (Station ID 3937) for 2019-2024.

2. Emission factors were calculated using Equation 1 in AP-42 Chapter 13.2.4. Aggregate Handling and Storage Piles, November 2006.

$$E \text{ (lb/ton)} = [k * (0.0032) * (U/5)^{1.3} / [(M/2)^{1.4}]$$

Where

K = Empirical constant

U = Mean Wind Speed

M = Moisture Content

L = Length of Conveyor Belt

**Table 9.B.1.28 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**Wind Erosion of Marine Unloading Storage Piles**

**Inputs**

| Description                                                       | Value   | Units          |
|-------------------------------------------------------------------|---------|----------------|
| Material storage time                                             | 8,760   | hrs            |
| Storage duration                                                  | 365     | days           |
| Average Wind Speed <sup>1</sup>                                   | 8.54    | mph            |
| Annual Material Throughput <sup>2</sup>                           | 110,025 | tons/yr        |
| Transfer Rate (Reclaimer)                                         | 13      | tons/hr        |
| Control Efficiency of Wind Erosion PM <sub>10</sub> <sup>3</sup>  | 90%     | %              |
| Control Efficiency of Wind Erosion PM <sub>2.5</sub> <sup>3</sup> | 40%     | %              |
| Traffic hours per day                                             | 24      | hours/day      |
| Surface Area <sup>4</sup>                                         | 943     | m <sup>2</sup> |
| Threshold Friction Velocity <sup>5</sup>                          | 1.02    | m/s            |
| Maximum Wind Speed <sup>1</sup>                                   | 38      | mph            |
| Frontend Loader Capacity <sup>6</sup>                             | 18      | ton/load       |
| Stacking Frequency <sup>7</sup>                                   | 0.2     | load/week      |
| Number of disturbances/day <sup>8</sup>                           | 18      | dist/day       |

1. Windspeed is obtained from Lake Charles Regional Airport (Station ID 3937) for 2019-2024.
2. Annual throughput is based off of the maximum throughput for the marine unloading storage piles from 2027-2029.
3. Values from AP-42 Table B.2-1 *Typical Collection Efficiencies of Various Particulate Control Devices*; Dust Suppression by Chemical Stabilizer or Wetting Agents
4. Pile dimensions based on engineering estimates and best currently available information
5. Threshold friction velocity based on Table 13.2.5-2, AP-42 13.2.5, "Industrial Wind Erosion" (2006).
6. Maximum amount of possible daily disturbances based on engineering estimates and best currently available data.
7. Stacking frequency based on ship unloading frequency.
8. Number of Disturbances/Day = Max reclaiming rate (tons/hr) \* Daily traffic hours (hrs/day) / Front end loader capacity (tons/load) + Stacking frequency (loads/week) / 7 (days/week)

**Wind Erosion**

**Calculation Basis:**

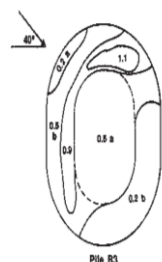
Calculation methodology derived from AP-42 13.2.5, "Industrial Wind Erosion" (2006).

Assume a flat topped oval shaped pile with 37° side slope and height of 17 ft.

The pile is subdivided into wind regimes, which correspond to a sub-surface area distribution. ( $u_s/u_r$  ratio)

The total emissions from wind erosion are represented as a numerical sum of the contributions from each  $u_s/u_r$  ratio or section.

AP-42 Figure 13.2.5-2, "Contour of Normalized Surface Windspeeds,  $u_s/u_r$ " Pile B3 is used to define the wind regime for conservatism



If Equivalent Friction Velocity > Threshold Friction Velocity:

$$\text{Equation (3): Erosion Potential } \left( \frac{g}{m^2} \right)$$

$$= 58 \left( \text{Equivalent Friction Velocity } \left( \frac{m}{s} \right) - \text{Threshold Friction Velocity } \left( \frac{m}{s} \right) \right)^2 + 25 \left( \text{Equivalent Friction Velocity } \left( \frac{m}{s} \right) - \text{Threshold Friction Velocity } \left( \frac{m}{s} \right) \right)^2$$

$$\text{Equation (6): Surface Wind Speed } \left( \frac{m}{s} \right) = \frac{u_s}{u_r} \cdot \text{Daily Max Wind Speed } \left( \frac{m}{s} \right)$$

$$\text{Equation (7): Equivalent Friction Velocity } \left( \frac{m}{s} \right) = 0.1 \cdot \text{Surface Wind Speed } \left( \frac{m}{s} \right)$$

$$\text{Average Emission Rate } \left( \frac{lb}{hr} \right)$$

$$= \text{Number of Disturbances per Day} \cdot \text{Particle Size Multiplier} \cdot \left( \frac{lb}{454 g} \right) \cdot \text{Subsurface Area \%} \cdot \text{Total Surface Area (m}^2\text{)} \cdot \text{Erosion Potential } \left( \frac{g}{m^2} \right) \cdot \left( \frac{day}{24 hr} \right)$$

$$\text{Maximum Emission Rate } \left( \frac{lb}{hr} \right) = \text{Average Emission Rate } \left( \frac{lb}{hr} \right) \cdot 110\%$$

$$\text{Annual Emission Rate (tpy)} = \text{Average Emission Rate } \left( \frac{lb}{hr} \right) * \left( \frac{8760 hr}{yr} \right) * \left( \frac{ton}{2000 lb} \right)$$

$$\text{Total Emission Rate} = \sum \text{Emission Rate for Each Wind Regime}$$

AP-42 Table 13.2.5-3, "Subarea Distribution for Regimes of  $u_s/u_r$ ,"

| Pile Subarea | Pile B3 |
|--------------|---------|
| 0.2a         | 3       |
| 0.2b         | 25      |
| 0.2c         | NA      |
| 0.6a         | 28      |
| 0.6b         | 26      |
| 0.9          | 14      |
| 1.1          | 4       |

NA = not applicable.

| Aerodynamic Particle Size Multiplier |       |
|--------------------------------------|-------|
| < 30 micrometers *                   | 1     |
| < 15 micrometers                     | 0.6   |
| < 10 micrometers                     | 0.50  |
| < 2.5 micrometers                    | 0.075 |

\*TSP is assumed to be equivalent to PM30.

**Table 9.B.1.24 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**Wind Erosion of Marine Unloading Storage Piles**  
**(Continued)**

**Wind Erosion Emission Calculations:**

| Capacity of Loader | Surface Area of Pile | Annual Throughput | % of Surface Area Affected per Disturbance |
|--------------------|----------------------|-------------------|--------------------------------------------|
| (tons/load)        | (m <sup>2</sup> )    | (tons)            | (%/dist)                                   |
| 18                 | 943                  | 110,025           | 0.015%                                     |

Percent of Surface Area Affected per Disturbance (%/dist) = Capacity of Loader (tons/load) \* 1.102 tonnes/ton / Annual Throughput (tonnes)

**For  $u_s/u_r$  ratio of 0.2:**

| Pollutant         | Daily Max Wind Speed at 10 m | Days with <0.1 inch of Rainfall <sup>1</sup> | $u_s/u_r$ Ratio <sup>2</sup> | Surface Wind Speed <sup>3</sup> | Equivalent Friction Velocity <sup>4</sup> | Threshold Velocity | Erosion Potential <sup>5</sup> | Sub-Surface Area <sup>6</sup> | Average Emission Rate <sup>7</sup> | Maximum Emission Rate <sup>8</sup> | Annual Emission Rate <sup>9</sup> |
|-------------------|------------------------------|----------------------------------------------|------------------------------|---------------------------------|-------------------------------------------|--------------------|--------------------------------|-------------------------------|------------------------------------|------------------------------------|-----------------------------------|
|                   | m/s                          | (days/yr)                                    |                              | m/s                             | m/s                                       | m/s                | g/m <sup>2</sup>               | %                             | lb/hr                              | lb/hr                              | tpy                               |
| PM <sub>10</sub>  | 17.04                        | 105                                          | 0.2                          | 3.41                            | 0.34                                      | 1.02               | 0.00                           | 28%                           | -                                  | -                                  | -                                 |
| PM <sub>2.5</sub> | 17.04                        | 105                                          | 0.2                          | 3.41                            | 0.34                                      | 1.02               | 0.00                           | 28%                           | -                                  | -                                  | -                                 |

**For  $u_s/u_r$  ratio of 0.6:**

| Pollutant         | Daily Max Wind Speed at 10 m | Days with <0.1 inch of Rainfall <sup>1</sup> | $u_s/u_r$ Ratio <sup>2</sup> | Surface Wind Speed <sup>3</sup> | Equivalent Friction Velocity <sup>4</sup> | Threshold Velocity | Erosion Potential <sup>5</sup> | Sub-Surface Area <sup>6</sup> | Average Emission Rate <sup>7</sup> | Maximum Emission Rate <sup>8</sup> | Annual Emission Rate <sup>9</sup> |
|-------------------|------------------------------|----------------------------------------------|------------------------------|---------------------------------|-------------------------------------------|--------------------|--------------------------------|-------------------------------|------------------------------------|------------------------------------|-----------------------------------|
|                   | m/s                          | (days/yr)                                    |                              | m/s                             | m/s                                       | m/s                | g/m <sup>2</sup>               | %                             | lb/hr                              | lb/hr                              | tpy                               |
| PM <sub>10</sub>  | 17.04                        | 105                                          | 0.6                          | 10.23                           | 1.02                                      | 1.02               | 0.06                           | 54%                           | -                                  | -                                  | -                                 |
| PM <sub>2.5</sub> | 17.04                        | 105                                          | 0.6                          | 10.23                           | 1.02                                      | 1.02               | 0.06                           | 54%                           | -                                  | -                                  | -                                 |

**For  $u_s/u_r$  ratio of 0.9:**

| Pollutant         | Daily Max Wind Speed at 10 m | Days with <0.1 inch of Rainfall <sup>1</sup> | $u_s/u_r$ Ratio <sup>2</sup> | Surface Wind Speed <sup>3</sup> | Equivalent Friction Velocity <sup>4</sup> | Threshold Velocity | Erosion Potential <sup>5</sup> | Sub-Surface Area <sup>6</sup> | Average Emission Rate <sup>7</sup> | Maximum Emission Rate <sup>8</sup> | Annual Emission Rate <sup>9</sup> |
|-------------------|------------------------------|----------------------------------------------|------------------------------|---------------------------------|-------------------------------------------|--------------------|--------------------------------|-------------------------------|------------------------------------|------------------------------------|-----------------------------------|
|                   | m/s                          | (days/yr)                                    |                              | m/s                             | m/s                                       | m/s                | g/m <sup>2</sup>               | %                             | lb/hr                              | lb/hr                              | tpy                               |
| PM <sub>10</sub>  | 17.04                        | 105                                          | 0.9                          | 15.34                           | 1.53                                      | 1.02               | 28.16                          | 14%                           | 0.32                               | 0.35                               | 0.40                              |
| PM <sub>2.5</sub> | 17.04                        | 105                                          | 0.9                          | 15.34                           | 1.53                                      | 1.02               | 28.16                          | 14%                           | 0.28                               | 0.31                               | 0.36                              |

**For  $u_s/u_r$  ratio of 1.1:**

| Pollutant         | Daily Max Wind Speed at 10 m | Days with <0.1 inch of Rainfall <sup>1</sup> | $u_s/u_r$ Ratio <sup>2</sup> | Surface Wind Speed <sup>3</sup> | Equivalent Friction Velocity <sup>4</sup> | Threshold Velocity | Erosion Potential <sup>5</sup> | Sub-Surface Area <sup>6</sup> | Average Emission Rate <sup>7</sup> | Maximum Emission Rate <sup>8</sup> | Annual Emission Rate <sup>9</sup> |
|-------------------|------------------------------|----------------------------------------------|------------------------------|---------------------------------|-------------------------------------------|--------------------|--------------------------------|-------------------------------|------------------------------------|------------------------------------|-----------------------------------|
|                   | m/s                          | (days/yr)                                    |                              | m/s                             | m/s                                       | m/s                | g/m <sup>2</sup>               | %                             | lb/hr                              | lb/hr                              | tpy                               |
| PM <sub>10</sub>  | 17.04                        | 105                                          | 1.1                          | 18.75                           | 1.87                                      | 1.02               | 63.74                          | 4%                            | 7.58E-04                           | 8.34E-04                           | 9.55E-04                          |
| PM <sub>2.5</sub> | 17.04                        | 105                                          | 1.1                          | 18.75                           | 1.87                                      | 1.02               | 63.74                          | 4%                            | 1.14E-04                           | 1.25E-04                           | 1.43E-04                          |

Calculations based on AP-42 13.2.5:

1. Assume wind erosion does not occur on days with at least 0.1 inch of rainfall since the material is wetted. Rainfall data is from AP-42, Section 13.2.2, "Unpaved Roads" (2006).
2. Assume an oval flat-topped pile-see Pile B3 in AP-42 13.2.5 Figure 13.2.5-2 for  $u_s/u_r$  ratios.
3. Surface Wind Speed (m/s) =  $u_s/u_r$  \* Daily Max Wind Speed at 10 m (m/s)
4. Equivalent Friction Velocity (m/s) = 0.10 \* Surface Wind Speed (m/s)
5. Erosion Potential (g/m<sup>2</sup>) = 58 \* [Equivalent Friction Velocity (m/s) - Threshold Friction Velocity (m/s)]<sup>2</sup> + 25 \* [Equivalent Friction Velocity (m/s) - Threshold Friction Velocity]
6. Assume a flat-topped oval pile-see Pile B3 in AP-42 13.2.5 Table 13.2.5-3 for subdivided surface areas. However, only a very small fraction of the surface area is affected by each disturbance, as calculated above.
7. Average Emission Rate (lb/hr) = Erosion Potential (g/m<sup>2</sup>) \* Surface Area (m<sup>2</sup>) \* Sub-surface Area % \* Particle Size Multiplier \* disturbances per day / 24 hr/day / 454 g/lb \* (1 - Control Efficiency %)
8. Maximum Emission Rate (lb/hr) = Average Emission Rate (lb/hr) \* 110%
9. Annual Emission Rate (tpy) = Average Emission Rate (lb/hr) \* Number of Operating Hours per Year / 2000 lb/ton \* Number of days with <0.1 inches of rain / 365 days/yr

Table 9.B.1.29 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project

Venture Global CP2 LNG, LLC - CP2 LNG Phase 3 Project  
Concrete Batch Plant Emissions

| Operating Schedule | hours/day | days/week | weeks/year | hours/year |
|--------------------|-----------|-----------|------------|------------|
|                    | 24        | 7         | 52         | 8760       |

| Concrete Production Rate | yd <sup>3</sup> /hour | yd <sup>3</sup> /year |
|--------------------------|-----------------------|-----------------------|
| Subsite 1                | 104                   | 913,849               |
| Subsite 2                | 104                   | 913,849               |
| Subsite 3                | 104                   | 913,849               |
| Subsite 4                | 104                   | 913,849               |
| Whole Site Production    | 417                   | 3,655,396             |

| Type Of Batch Plant | Truck or Central Mix? |
|---------------------|-----------------------|
|                     | Truck Mix             |

| Concrete Composition                                       |                                |
|------------------------------------------------------------|--------------------------------|
| Would you like to use the default composition of concrete? | Yes                            |
| Material                                                   | Default (lbs/yd <sup>3</sup> ) |
| Aggregate                                                  | 1865                           |
| Sand                                                       | 1428                           |
| Cement                                                     | 491                            |
| Supplement                                                 | 73                             |

| Maximum Material Mass Flow Rate- Whole Facility |        |           |
|-------------------------------------------------|--------|-----------|
| Material                                        | ton/hr | ton/yr    |
| Aggregate                                       | 389.12 | 3,408,700 |
| Sand                                            | 297.94 | 2,610,000 |
| Cement                                          | 102.44 | 897,400   |
| Supplement                                      | 15.23  | 133,500   |

**Table 9.B.1.29 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project (Continued)**  
**Concrete Batch Plant Emissions**  
**Material Handling & Stockpile Emissions**  
**SUBSITE 1**

| Material Handling - Coarse Aggregate Transfer Points |     |                                 |         |
|------------------------------------------------------|-----|---------------------------------|---------|
| Enter the number of Aggregate Transfer Points        | 6   | Maximum Mass flow Rate (ton/hr) | 97      |
| Use the maximum material mass flow rate?             | Yes | Maximum Moss Flow Rate (ton/yr) | 852,175 |

|                                |         |
|--------------------------------|---------|
| Hourly Mass Flow Rote (ton/hr) | 97      |
| Annual Moss Flow Rote (ton/yr) | 852,175 |

| Emission Point Number  | CA1                                              | CA2   | CA3   | CA4   | CA5   | CA6   |
|------------------------|--------------------------------------------------|-------|-------|-------|-------|-------|
| Control Type           | Material Sprayed with water in the batch system. |       |       |       |       |       |
| Control Efficiency (%) | 98.5%                                            | 98.5% | 98.5% | 98.5% | 98.5% | 98.5% |
| PM (lb/hr)             | 0.01                                             | 0.01  | 0.01  | 0.01  | 0.01  | 0.01  |
| PM (ton/yr)            | 0.04                                             | 0.04  | 0.04  | 0.04  | 0.04  | 0.04  |
| PM10 (lb/hr)           | 0.005                                            | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| PM10 (ton/yr)          | 0.02                                             | 0.02  | 0.02  | 0.02  | 0.02  | 0.02  |
| PM2.5 (lb/hr)          | 0.001                                            | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| PM2.5 (ton/yr)         | 0.003                                            | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |

| Material Handling - Sand Transfer Points |     |                                 |         |
|------------------------------------------|-----|---------------------------------|---------|
| Enter the number of Sand Transfer Points | 6   | Maximum Mass Flow Rate (ton/hr) | 74      |
| Use the maximum material mass flowrate?  | Yes | Maximum Moss Flow Rate (ton/yr) | 652,500 |

|                                  |         |
|----------------------------------|---------|
| Hourly Mass Flow Role (ton/hr) = | 74      |
| Annual Mass flow Rote (ton/yr) = | 652,500 |

| Emission Point Numbers | S1     | S2     | S3     | S4     | S5     | S6     |
|------------------------|--------|--------|--------|--------|--------|--------|
| Control Type           |        |        |        |        |        |        |
| Control Efficiency (%) | 98.5%  | 98.5%  | 98.5%  | 98.5%  | 98.5%  | 98.5%  |
| PM (lb/hr)             | 0.002  | 0.002  | 0.002  | 0.002  | 0.002  | 0.002  |
| PM (ton/yr)            | 0.01   | 0.01   | 0.01   | 0.01   | 0.01   | 0.01   |
| PM10 (lb/hr)           | 0.001  | 0.001  | 0.001  | 0.001  | 0.001  | 0.001  |
| PM10 (ton/yr)          | 0.005  | 0.005  | 0.005  | 0.005  | 0.005  | 0.005  |
| PM2.5 (lb/hr)          | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0002 |
| PM2.5 (ton/yr)         | 0.001  | 0.001  | 0.001  | 0.001  | 0.001  | 0.001  |

**Table 9.B.1.29 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project (Continued)**  
**Concrete Batch Plant Emissions**  
**Material Handling & Stockpile Emissions**  
**SUBSITE 2**

| Material Handling - Coarse Aggregate Transfer Points |     |                                |         |
|------------------------------------------------------|-----|--------------------------------|---------|
| Enter the number of Aggregate Transfer Points        | 6   | Maximum Mass FlowRate (ton/yr) | 97      |
| Use the maximum material mass flowrate?              | Yes | Maximum Mass FlowRate (ton/hr) | 852,175 |

|                                |         |
|--------------------------------|---------|
| Hourly Mass Flow Rate (ton/hr) | 97      |
| Annual Mass Flow Rate (ton/yr) | 852,175 |

| Emission Point Number  | CA7                                              | CA8   | CA9   | CA10  | CA11  | CA12  |
|------------------------|--------------------------------------------------|-------|-------|-------|-------|-------|
| Control Type           | Material Sprayed with water in the batch system. |       |       |       |       |       |
| Control Efficiency (%) | 98.5%                                            | 98.5% | 98.5% | 98.5% | 98.5% | 98.5% |
| PM (lb/hr)             | 0.01                                             | 0.01  | 0.01  | 0.01  | 0.01  | 0.01  |
| PM (ton/yr)            | 0.04                                             | 0.04  | 0.04  | 0.04  | 0.04  | 0.04  |
| PM10 (lb/hr)           | 0.005                                            | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| PM10 (ton/yr)          | 0.02                                             | 0.02  | 0.02  | 0.02  | 0.02  | 0.02  |
| PM2.5 (lb/hr)          | 0.001                                            | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| PM2.5 (ton/yr)         | 0.003                                            | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |

| Material Handling - Sand Transfer Points |     |                                 |         |
|------------------------------------------|-----|---------------------------------|---------|
| Enter the number of Sand Transfer Points | 6   | Maximum Mass Flow Rate (ton/hr) | 74      |
| Use the maximum material mass flowrate?  | Yes | Maximum Mass Flow Rate (ton/yr) | 652,500 |

|                                  |         |
|----------------------------------|---------|
| Hourly Mass Flow Rate (ton/hr) = | 74      |
| Annual Mass flow Rate (ton/yr) = | 652,500 |

| Emission Point Numbers | S7     | S8     | S9     | S10    | S11    | S12    |
|------------------------|--------|--------|--------|--------|--------|--------|
| Control Type           |        |        |        |        |        |        |
| Control Efficiency (%) | 98.5%  | 98.5%  | 98.5%  | 98.5%  | 98.5%  | 98.5%  |
| PM (lb/hr)             | 0.002  | 0.002  | 0.002  | 0.002  | 0.002  | 0.002  |
| PM (ton/yr)            | 0.01   | 0.01   | 0.01   | 0.01   | 0.01   | 0.01   |
| PM10 (lb/hr)           | 0.001  | 0.001  | 0.001  | 0.001  | 0.001  | 0.001  |
| PM10 (ton/yr)          | 0.005  | 0.005  | 0.005  | 0.005  | 0.005  | 0.005  |
| PM2.5 (lb/hr)          | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0002 |
| PM2.5 (ton/yr)         | 0.001  | 0.001  | 0.001  | 0.001  | 0.001  | 0.001  |

**Table 9.B.1.29 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project (Continued)**  
**Concrete Batch Plant Emissions**  
**Material Handling & Stockpile Emissions**  
**SUBSITE 3**

| Material Handling - Coarse Aggregate Transfer Points |     |                                |         |
|------------------------------------------------------|-----|--------------------------------|---------|
| Enter the number of Aggregate Transfer Points        | 6   | Maximum Mass FlowRate (ton/yr) | 97      |
| Use the maximum material mass flowrate?              | Yes | Maximum Mass FlowRate (ton/hr) | 852,175 |

|                                  |         |
|----------------------------------|---------|
| Hourly Mass Flow Rate (ton/hr) = | 97      |
| Annual Mass Flow Rate (ton/yr) = | 852,175 |

| Emission Point Number  | CA13                                             | CA14  | CA15  | CA16  | CA17  | CA18  |
|------------------------|--------------------------------------------------|-------|-------|-------|-------|-------|
| Control Type           | Material Sprayed with water in the batch system. |       |       |       |       |       |
| Control Efficiency (%) | 98.5%                                            | 98.5% | 98.5% | 98.5% | 98.5% | 98.5% |
| PM (lb/hr)             | 0.01                                             | 0.01  | 0.01  | 0.01  | 0.01  | 0.01  |
| PM (ton/yr)            | 0.04                                             | 0.04  | 0.04  | 0.04  | 0.04  | 0.04  |
| PM10 (lb/hr)           | 0.005                                            | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| PM10 (ton/yr)          | 0.02                                             | 0.02  | 0.02  | 0.02  | 0.02  | 0.02  |
| PM2.5 (lb/hr)          | 0.001                                            | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| PM2.5 (ton/yr)         | 0.003                                            | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |

| Material Handling - Sand Transfer Points |     |                                 |         |
|------------------------------------------|-----|---------------------------------|---------|
| Enter the number of Sand Transfer Points | 6   | Maximum Mass Flow Rate (ton/hr) | 74      |
| Use the maximum material mass flowrate?  | Yes | Maximum Mass Flow Rate (ton/yr) | 652,500 |

|                                  |         |
|----------------------------------|---------|
| Hourly Mass Flow Rate (ton/hr) = | 74      |
| Annual Mass flow Rate (ton/yr) = | 652,500 |

| Emission Point Numbers | S13    | S14    | S15    | S16    | S17    | S18    |
|------------------------|--------|--------|--------|--------|--------|--------|
| Control Type           |        |        |        |        |        |        |
| Control Efficiency (%) | 98.5%  | 98.5%  | 98.5%  | 98.5%  | 98.5%  | 98.5%  |
| PM (lb/hr)             | 0.002  | 0.002  | 0.002  | 0.002  | 0.002  | 0.002  |
| PM (ton/yr)            | 0.010  | 0.010  | 0.010  | 0.010  | 0.010  | 0.010  |
| PM10 (lb/hr)           | 0.001  | 0.001  | 0.001  | 0.001  | 0.001  | 0.001  |
| PM10 (ton/yr)          | 0.005  | 0.005  | 0.005  | 0.005  | 0.005  | 0.005  |
| PM2.5 (lb/hr)          | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0002 |
| PM2.5 (ton/yr)         | 0.001  | 0.001  | 0.001  | 0.001  | 0.001  | 0.001  |

**Table 9.B.1.29 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project (Continued)**  
**Concrete Batch Plant Emissions**  
**Material Handling & Stockpile Emissions**  
**SUBSITE 4**

| Material Handling - Coarse Aggregate Transfer Points |     |                                |         |
|------------------------------------------------------|-----|--------------------------------|---------|
| Enter the number of Aggregate Transfer Points        | 6   | Maximum Mass FlowRate (ton/yr) | 97      |
| Use the maximum material mass flowrate?              | Yes | Maximum Mass FlowRate (ton/hr) | 852,175 |

|                                  |         |
|----------------------------------|---------|
| Hourly Mass Flow Rate (ton/hr) = | 97      |
| Annual Mass Flow Rate (ton/yr) = | 852,175 |

| Emission Point Number  | CA19                                             | CA20  | CA21  | CA22  | CA23  | CA24  |
|------------------------|--------------------------------------------------|-------|-------|-------|-------|-------|
| Control Type           | Material Sprayed with water in the batch system. |       |       |       |       |       |
| Control Efficiency (%) | 98.5%                                            | 98.5% | 98.5% | 98.5% | 98.5% | 98.5% |
| PM (lb/hr)             | 0.01                                             | 0.01  | 0.01  | 0.01  | 0.01  | 0.01  |
| PM (ton/yr)            | 0.04                                             | 0.04  | 0.04  | 0.04  | 0.04  | 0.04  |
| PM10 (lb/hr)           | 0.005                                            | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| PM10 (ton/yr)          | 0.02                                             | 0.02  | 0.02  | 0.02  | 0.02  | 0.02  |
| PM2.5 (lb/hr)          | 0.001                                            | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| PM2.5 (ton/yr)         | 0.003                                            | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |

| Material Handling - Sand Transfer Points |     |                                 |         |
|------------------------------------------|-----|---------------------------------|---------|
| Enter the number of Sand Transfer Points | 6   | Maximum Mass Flow Rate (ton/hr) | 74      |
| Use the maximum material mass flowrate?  | Yes | Maximum Mass Flow Rate (ton/yr) | 652,500 |

|                                  |         |
|----------------------------------|---------|
| Hourly Mass Flow Rate (ton/hr) = | 74      |
| Annual Mass flow Rate (ton/yr) = | 652,500 |

| Emission Point Numbers | S19    | S20    | S21    | S22    | S23    | S24    |
|------------------------|--------|--------|--------|--------|--------|--------|
| Control Type           |        |        |        |        |        |        |
| Control Efficiency (%) | 98.5%  | 98.5%  | 98.5%  | 98.5%  | 98.5%  | 98.5%  |
| PM (lb/hr)             | 0.002  | 0.002  | 0.002  | 0.002  | 0.002  | 0.002  |
| PM (ton/yr)            | 0.01   | 0.01   | 0.01   | 0.01   | 0.01   | 0.01   |
| PM10 (lb/hr)           | 0.001  | 0.001  | 0.001  | 0.001  | 0.001  | 0.001  |
| PM10 (ton/yr)          | 0.005  | 0.005  | 0.005  | 0.005  | 0.005  | 0.005  |
| PM2.5 (lb/hr)          | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0002 | 0.0002 |
| PM2.5 (ton/yr)         | 0.001  | 0.001  | 0.001  | 0.001  | 0.001  | 0.001  |

**Table 9.B.1.29 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project (Continued)**  
**Concrete Batch Plant Emissions**

| <b>Raw Material Stockpile Emissions (STK)</b> |                                  |
|-----------------------------------------------|----------------------------------|
| Stockpile Emission Point Number               | STK                              |
| Stockpile Area (acres)                        | 3                                |
| Control Type                                  | Washed material with water spray |
| Control Efficiency (%)                        | 98.5                             |
| Number of Active Days per year                | 360                              |
| PM Inactive Emissions (ton/yr)                | 0.00039                          |
| PM10 Inactive Emissions (ton/yr)              | 0.0002                           |
| PM2.5 Inactive Emissions (ton/yr)             | 0.00003                          |
| PM Active Emissions (ton/yr)                  | 0.11                             |
| PM10 Active Emissions (ton/yr)                | 0.05                             |
| PM2.5 Active Emissions (ton/yr)               | 0.008                            |
| TOTAL PM Emissions (ton/yr)                   | 0.11                             |
| TOTAL PM10 Emissions (ton/yr)                 | 0.05                             |
| TOTAL PM2.5 Emissions (ton/yr)                | 0.01                             |

**Table 9.B.1.29 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project (Continued)**  
**Concrete Batch Plant Emissions**  
**Silo Emissions- SUBSITE 1**

| <b>Material Handling - Coarse Aggregate Transfer Points</b> |     |
|-------------------------------------------------------------|-----|
| How many cement silos? (Up to 4)                            | 4   |
| Would you like to use the manufacturer's filter efficiency? | Yes |

| <b>Emission Factors - Cement Silo</b> |                         |                          |
|---------------------------------------|-------------------------|--------------------------|
| lb <sub>pm</sub> /ton                 | lb <sub>pm10</sub> /ton | lb <sub>pm2.5</sub> /ton |
| 0.73                                  | 0.47                    | 0.08                     |

| <b>Cement Silo EPN(s)</b>    | <b>SILO1</b> | <b>SILO2</b> | <b>SILO3</b> | <b>SILO4</b> |
|------------------------------|--------------|--------------|--------------|--------------|
| Hourly Loading Rate (ton/hr) | 26           | 26           | 26           | 26           |
| Annual Loading Rate (ton/yr) | 224,350      | 224,350      | 224,350      | 224,350      |
| Control Efficiency (%)       | 98.5%        | 98.5%        | 98.5%        | 98.5%        |
| PM (lb/hr)                   | 0.2804       | 0.2804       | 0.2804       | 0.2804       |
| PM (ton/yr)                  | 1.2283       | 1.2283       | 1.2283       | 1.2283       |
| PM10 (lb/hr)                 | 0.1806       | 0.1806       | 0.1806       | 0.1806       |
| PM10 (ton/yr)                | 0.7908       | 0.7908       | 0.7908       | 0.7908       |
| PM2.5 (lb/hr)                | 0.0309       | 0.0309       | 0.0309       | 0.0309       |
| PM2.5 (ton/yr)               | 0.1352       | 0.1352       | 0.1352       | 0.1352       |

| <b>Supplement Silo Emissions</b>                            |     |
|-------------------------------------------------------------|-----|
| How many supplement silos? (Up to 4)                        | 4   |
| Would you like to use the manufacturer's filter efficiency? | Yes |

| <b>Emission Factors - Supplement Silo</b> |                         |                          |
|-------------------------------------------|-------------------------|--------------------------|
| lb <sub>pm</sub> /ton                     | lb <sub>pm10</sub> /ton | lb <sub>pm2.5</sub> /ton |
| 3.14                                      | 1.10                    | 0.19                     |

| <b>Cement Silo EPN(s)</b>    | <b>SILO5</b> | <b>SILO6</b> | <b>SILO7</b> | <b>SILO8</b> |
|------------------------------|--------------|--------------|--------------|--------------|
| Hourly Loading Rate (ton/hr) | 4            | 4            | 4            | 4            |
| Annual Loading Rate (ton/yr) | 33,375       | 33,375       | 33,375       | 33,375       |
| Control Efficiency (%)       | 98.5%        | 98.5%        | 98.5%        | 98.5%        |
| PM (lb/hr)                   | 0.1793       | 0.1793       | 0.1793       | 0.1793       |
| PM (ton/yr)                  | 0.7860       | 0.7860       | 0.7860       | 0.7860       |
| PM10 (lb/hr)                 | 0.0628       | 0.0628       | 0.0628       | 0.0628       |
| PM10 (ton/yr)                | 0.2753       | 0.2753       | 0.2753       | 0.2753       |
| PM2.5 (lb/hr)                | 0.0107       | 0.0107       | 0.0107       | 0.0107       |
| PM2.5 (ton/yr)               | 0.0471       | 0.0471       | 0.0471       | 0.0471       |

**Table 9.B.1.29 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project (Continued)**  
**Concrete Batch Plant Emissions**  
**Loading and Baghouse Emissions WHOLE FACILITY**

| Truck loading Information                                                |      |
|--------------------------------------------------------------------------|------|
| What is the EPN for fugitive emissions from central/truck mixer loading? | FUG  |
| What is the central baghouse stock EPN?                                  | SBS  |
| What is the central baghouse efficiency? (%)                             | 98.5 |
| Use the Default Suction Shroud Capture Efficiency?                       | Yes  |

|                                |      |
|--------------------------------|------|
| Default Capture Efficiency % = | 98.5 |
|--------------------------------|------|

| Maximum Throughput |        |           |
|--------------------|--------|-----------|
| Material           | ton/hr | ton/yr    |
| Aggregate          | 389.12 | 3,408,700 |
| Sand               | 297.94 | 2,610,000 |
| Cement             | 102.44 | 897,400   |
| Supplement         | 15.23  | 133,500   |

| Emission Factors - Truck Loading |                         |                          |
|----------------------------------|-------------------------|--------------------------|
| lb <sub>pm</sub> /ton            | lb <sub>pm10</sub> /ton | lb <sub>pm2.5</sub> /ton |
| 1.118                            | 0.31                    | 0.053                    |

| Pollutant      | Central Baghouse Stack Emission Rates | Truck loading Fugitive Emission |
|----------------|---------------------------------------|---------------------------------|
| PM (lb/hr)     | 1.94                                  | 1.97                            |
| PM (ton/yr)    | 8.51                                  | 8.64                            |
| PM10 (lb/hr)   | 0.54                                  | 0.55                            |
| PM10 (ton/yr)  | 2.36                                  | 2.4                             |
| PM2.5 (lb/hr)  | 0.092                                 | 0.09                            |
| PM2.5 (ton/yr) | 0.4                                   | 0.41                            |

**Table 9.B.1.29 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project (Continued)**  
**Concrete Batch Plant Emissions**  
**CEMENT WEIGH HOOPER EMISSIONS**

| HOP1, HOP2, HOP3, HOP4* |         |
|-------------------------|---------|
| Control Efficiency (%)  | 98.5    |
| Mass Flow Rate (ton/hr) | 102.44  |
| Mass Flow Rate (ton/yr) | 897,400 |
| PM (lb/hr)              | 0.16    |
| PM (ton/yr)             | 0.72    |
| PM10 (lb/hr)            | 0.08    |
| PM10 (ton/yr)           | 0.34    |
| PM2.5 (lb/hr)           | 0.01    |
| PM2.5 (ton/yr)          | 0.05    |

**Table 9.B.1.29 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project (Continued)**  
**Concrete Batch Plant Emissions**  
**POTENTIAL EMISSIONS SUMMARY GENERATOR 1**

| Pollutant | Horsepower | Operating Hours | Emission Factors           |                         |                         | Potential Emission Rate <sup>3</sup> |        |
|-----------|------------|-----------------|----------------------------|-------------------------|-------------------------|--------------------------------------|--------|
|           |            |                 | (grams/Hp-hr) <sup>1</sup> | (lb/Hp-hr) <sup>2</sup> | (lb/MMBtu) <sup>2</sup> | (lb/hr)                              | (T/yr) |
| NOx       | 724        | 8760            | 0.3                        | -                       | -                       | 0.48                                 | 2.08   |
| VOC       | 724        | 8760            | 0.14                       | -                       | -                       | 0.23                                 | 0.99   |
| CO        | 724        | 8760            | 2.610                      | -                       | -                       | 4.16                                 | 18.23  |
| SO2       | 724        | 8760            | -                          | -                       | 0.0016                  | 0.01                                 | 0.03   |
| PM10      | 724        | 8760            | 0.020                      | -                       | -                       | 0.03                                 | 0.14   |
| HCHO      | 724        | 8760            | -                          | -                       | 0.000079                | 0.0004                               | 0.002  |
| Benzene   | 724        | 8760            | -                          | -                       | 0.000776                | 0.004                                | 0.02   |

1. Emission factors for NOx, VOC, CO, and PM obtained from Tier IV diesel engine limits.

**Table 9.B.1.29 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project (Continued)**  
**Concrete Batch Plant Emissions**  
**POTENTIAL EMISSIONS SUMMARY GENERATOR 2**

| Pollutant | Horsepower | Operating Hours | Emission Factors           |                         |                         | Potential Emission Rate <sup>3</sup> |        |
|-----------|------------|-----------------|----------------------------|-------------------------|-------------------------|--------------------------------------|--------|
|           |            |                 | (grams/Hp-hr) <sup>1</sup> | (lb/Hp-hr) <sup>2</sup> | (lb/MMBtu) <sup>2</sup> | (lb/hr)                              | (T/yr) |
| NOx       | 724        | 8760            | 0.3                        | -                       | -                       | 0.48                                 | 2.08   |
| VOC       | 724        | 8760            | 0.14                       | -                       | -                       | 0.23                                 | 0.99   |
| CO        | 724        | 8760            | 2.610                      | -                       | -                       | 4.16                                 | 18.23  |
| SO2       | 724        | 8760            | -                          | -                       | 0.0016                  | 0.01                                 | 0.03   |
| PM10      | 724        | 8760            | 0.020                      | -                       | -                       | 0.03                                 | 0.14   |
| HCHO      | 724        | 8760            | -                          | -                       | 0.000079                | 0.0004                               | 0.002  |
| Benzene   | 724        | 8760            | -                          | -                       | 0.000776                | 0.004                                | 0.02   |

1. Emission factors for NOx, VOC, CO, and PM obtained from Tier IV diesel engine limits.

**Table 9.B.1.29 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project (Continued)**  
**Concrete Batch Plant Emissions**  
**POTENTIAL EMISSIONS SUMMARY GENERATOR 3**

| Pollutant | Horsepower | Operating Hours | Emission Factors           |                         |                         | Potential Emission Rate <sup>3</sup> |        |
|-----------|------------|-----------------|----------------------------|-------------------------|-------------------------|--------------------------------------|--------|
|           |            |                 | (grams/Hp-hr) <sup>1</sup> | (lb/Hp-hr) <sup>2</sup> | (lb/MMBtu) <sup>2</sup> | (lb/hr)                              | (T/yr) |
| NOx       | 724        | 8760            | 0.30                       | -                       | -                       | 0.48                                 | 2.08   |
| VOC       | 724        | 8760            | 0.14                       | -                       | -                       | 0.23                                 | 0.99   |
| CO        | 724        | 8760            | 2.610                      | -                       | -                       | 4.16                                 | 18.23  |
| SO2       | 724        | 8760            | -                          | -                       | 0.0016                  | 0.01                                 | 0.03   |
| PM10      | 724        | 8760            | 0.02                       | -                       | -                       | 0.03                                 | 0.14   |
| HCHO      | 724        | 8760            | -                          | -                       | 0.000079                | 0.0004                               | 0.002  |
| Benzene   | 724        | 8760            | -                          | -                       | 0.000776                | 0.004                                | 0.02   |

1. Emission factors for NOx, VOC, CO, and PM obtained from Tier IV diesel engine limits.

**Table 9.B.1.29 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project (Continued)**  
**Concrete Batch Plant Emissions**  
**POTENTIAL EMISSIONS SUMMARY GENERATOR 4**

| Pollutant | Horsepower | Operating Hours | Emission Factors           |                         |                         | Potential Emission Rate <sup>3</sup> |        |
|-----------|------------|-----------------|----------------------------|-------------------------|-------------------------|--------------------------------------|--------|
|           |            |                 | (grams/Hp-hr) <sup>1</sup> | (lb/Hp-hr) <sup>2</sup> | (lb/MMBtu) <sup>2</sup> | (lb/hr)                              | (T/yr) |
| NOx       | 172        | 8760            | 0.3                        | -                       | -                       | 0.11                                 | 0.49   |
| VOC       | 172        | 8760            | 0.14                       | -                       | -                       | 0.05                                 | 0.24   |
| CO        | 172        | 8760            | 3.729                      | -                       | -                       | 1.41                                 | 6.19   |
| SO2       | 172        | 8760            | -                          | -                       | 0.0016                  | 0.002                                | 0.01   |
| PM10      | 172        | 8760            | 0.015                      | -                       | -                       | 0.01                                 | 0.02   |
| HCHO      | 172        | 8760            | -                          | -                       | 0.000079                | 0.0001                               | 0.0003 |
| Benzene   | 172        | 8760            | -                          | -                       | 0.000776                | 0.001                                | 0.003  |

1. Emission factors for NOx, VOC, CO, and PM obtained from Tier IV diesel engine limits.

**Table 9.B.1.29 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project (Continued)**  
**Concrete Batch Plant Emissions**  
**POTENTIAL EMISSIONS SUMMARY GENERATOR 5**

| Pollutant | Horsepower | Operating Hours | Emission Factors           |                         |                         | Potential Emission Rate <sup>3</sup> |        |
|-----------|------------|-----------------|----------------------------|-------------------------|-------------------------|--------------------------------------|--------|
|           |            |                 | (grams/Hp-hr) <sup>1</sup> | (lb/Hp-hr) <sup>2</sup> | (lb/MMBtu) <sup>2</sup> | (lb/hr)                              | (T/yr) |
| NOx       | 172        | 8760            | 0.3                        | -                       | -                       | 0.11                                 | 0.49   |
| VOC       | 172        | 8760            | 0.14                       | -                       | -                       | 0.05                                 | 0.24   |
| CO        | 172        | 8760            | 3.729                      | -                       | -                       | 1.41                                 | 6.19   |
| SO2       | 172        | 8760            | -                          | -                       | 0.0016                  | 0.002                                | 0.01   |
| PM10      | 172        | 8760            | 0.015                      | -                       | -                       | 0.01                                 | 0.02   |
| HCHO      | 172        | 8760            | -                          | -                       | 0.000079                | 0.0001                               | 0.0003 |
| Benzene   | 172        | 8760            | -                          | -                       | 0.000776                | 0.001                                | 0.003  |

1. Emission factors for NOx, VOC, CO, and PM obtained from Tier IV diesel engine limits.

**Table 9.B.1.29 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project (Continued)**  
**Concrete Batch Plant Emissions**  
**POTENTIAL EMISSIONS SUMMARY GENERATOR 6**

| Pollutant | Horsepower | Operating Hours | Emission Factors           |                         |                         | Potential Emission Rate <sup>3</sup> |        |
|-----------|------------|-----------------|----------------------------|-------------------------|-------------------------|--------------------------------------|--------|
|           |            |                 | (grams/Hp-hr) <sup>1</sup> | (lb/Hp-hr) <sup>2</sup> | (lb/MMBtu) <sup>2</sup> | (lb/hr)                              | (T/yr) |
| NOx       | 226        | 8760            | 0.3                        | -                       | -                       | 0.15                                 | 0.65   |
| VOC       | 226        | 8760            | 0.14                       | -                       | -                       | 0.07                                 | 0.31   |
| CO        | 226        | 8760            | 2.610                      | -                       | -                       | 1.3                                  | 5.69   |
| SO2       | 226        | 8760            | -                          | -                       | 0.0016                  | 0.002                                | 0.01   |
| PM10      | 226        | 8760            | 0.020                      | -                       | -                       | 0.002                                | 0.01   |
| HCHO      | 226        | 8760            | -                          | -                       | 0.000079                | 0.0001                               | 0.0003 |
| Benzene   | 226        | 8760            | -                          | -                       | 0.000776                | 0.001                                | 0.003  |

1. Emission factors for NOx, VOC, CO, and PM obtained from Tier IV diesel engine limits.

**Table 9.B.1.29 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project (Continued)**  
**Concrete Batch Plant Emissions**  
**POTENTIAL EMISSIONS SUMMARY GENERATOR 7**

| Pollutant | Horsepower | Operating Hours | Emission Factors           |                         |                         | Potential Emission Rate <sup>3</sup> |        |
|-----------|------------|-----------------|----------------------------|-------------------------|-------------------------|--------------------------------------|--------|
|           |            |                 | (grams/Hp-hr) <sup>1</sup> | (lb/Hp-hr) <sup>2</sup> | (lb/MMBtu) <sup>2</sup> | (lb/hr)                              | (T/yr) |
| NOx       | 226        | 8760            | 0.3                        | -                       | -                       | 0.15                                 | 0.65   |
| VOC       | 226        | 8760            | 0.14                       | -                       | -                       | 0.07                                 | 0.31   |
| CO        | 226        | 8760            | 2.610                      | -                       | -                       | 1.3                                  | 5.69   |
| SO2       | 226        | 8760            | -                          | -                       | 0.0016                  | 0.002                                | 0.01   |
| PM10      | 226        | 8760            | 0.020                      | -                       | -                       | 0.002                                | 0.01   |
| HCHO      | 226        | 8760            | -                          | -                       | 0.000079                | 0.0001                               | 0.0003 |
| Benzene   | 226        | 8760            | -                          | -                       | 0.000776                | 0.001                                | 0.003  |

1. Emission factors for NOx, VOC, CO, and PM obtained from Tier IV diesel engine limits.

**Table 9.B.1.29 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project (Continued)**  
**Concrete Batch Plant Emissions**  
**POTENTIAL EMISSIONS SUMMARY GENERATOR 8**

| Pollutant | Horsepower | Operating Hours | Emission Factors           |                         |                         | Potential Emission Rate <sup>3</sup> |        |
|-----------|------------|-----------------|----------------------------|-------------------------|-------------------------|--------------------------------------|--------|
|           |            |                 | (grams/Hp-hr) <sup>1</sup> | (lb/Hp-hr) <sup>2</sup> | (lb/MMBtu) <sup>2</sup> | (lb/hr)                              | (T/yr) |
| NOx       | 133        | 8760            | 0.3                        | -                       | -                       | 0.09                                 | 0.38   |
| VOC       | 133        | 8760            | 0.14                       | -                       | -                       | 0.04                                 | 0.18   |
| CO        | 133        | 8760            | 2.610                      | -                       | -                       | 0.76                                 | 3.35   |
| SO2       | 133        | 8760            | -                          | -                       | 0.0016                  | 0.001                                | 0.01   |
| PM10      | 133        | 8760            | 0.020                      | -                       | -                       | 0.01                                 | 0.03   |
| HCHO      | 133        | 8760            | -                          | -                       | 0.000079                | 0.0001                               | 0.0003 |
| Benzene   | 133        | 8760            | -                          | -                       | 0.000776                | 0.001                                | 0.003  |

1. Emission factors for NOx, voe, CO, and PM obtained from Tier IV diesel engine limits.

**Table 9.B.1.29 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project (Continued)**  
**Concrete Batch Plant Emissions**  
**POTENTIAL EMISSIONS SUMMARY GENERATOR 9**

| Pollutant | Horsepower | Operating Hours | Emission Factors           |                         |                         | Potential Emission Rate <sup>3</sup> |        |
|-----------|------------|-----------------|----------------------------|-------------------------|-------------------------|--------------------------------------|--------|
|           |            |                 | (grams/Hp-hr) <sup>1</sup> | (lb/Hp-hr) <sup>2</sup> | (lb/MMBtu) <sup>2</sup> | (lb/hr)                              | (T/yr) |
| NOx       | 95         | 8760            | 0.3                        | -                       | -                       | 0.06                                 | 0.27   |
| VOC       | 95         | 8760            | 0.14                       | -                       | -                       | 0.03                                 | 0.13   |
| CO        | 95         | 8760            | 2.610                      | -                       | -                       | 0.55                                 | 2.39   |
| SO2       | 95         | 8760            | -                          | -                       | 0.0016                  | 0.001                                | <0.01  |
| PM10      | 95         | 8760            | 0.020                      | -                       | -                       | 0.004                                | 0.02   |
| HCHO      | 95         | 8760            | -                          | -                       | 0.000079                | <0.01                                | 0.0002 |
| Benzene   | 95         | 8760            | -                          | -                       | 0.000776                | <0.01                                | 0.002  |

1. Emission factors for NOx, VOC, CO, and PM obtained from Tier IV diesel engine limits.

**Table 9.B.1.29 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project (Continued)**  
**Concrete Batch Plant Emissions**  
**POTENTIAL EMISSIONS SUMMARY GENERATOR 10**

| Pollutant | Horsepower | Operating Hours | Emission Factors           |                         |                         | Potential Emission Rate <sup>3</sup> |        |
|-----------|------------|-----------------|----------------------------|-------------------------|-------------------------|--------------------------------------|--------|
|           |            |                 | (grams/Hp-hr) <sup>1</sup> | (lb/Hp-hr) <sup>2</sup> | (lb/MMBtu) <sup>2</sup> | (lb/hr)                              | (T/yr) |
| NOx       | 95.2       | 8760            | 0.3                        | -                       | -                       | 0.06                                 | 0.27   |
| VOC       | 95.2       | 8760            | 0.14                       | -                       | -                       | 0.03                                 | 0.13   |
| CO        | 95.2       | 8760            | 2.610                      | -                       | -                       | 0.55                                 | 2.4    |
| SO2       | 95.2       | 8760            | -                          | -                       | 0.0016                  | 0.001                                | 0.004  |
| PM10      | 95.2       | 8760            | 0.020                      | -                       | -                       | 0.004                                | 0.02   |
| HCHO      | 95.2       | 8760            | -                          | -                       | 0.000079                | 0.00004                              | 0.0002 |
| Benzene   | 95.2       | 8760            | -                          | -                       | 0.000776                | 0.0004                               | 0.002  |

1. Emission factors for NOx, VOC, CO, and PM obtained from Tier IV diesel engine limits.

**Table 9.B.1.29 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project (Continued)**  
**Concrete Batch Plant Emissions**  
**POTENTIAL EMISSIONS SUMMARY GENERATOR 11**

| Pollutant | Horsepower | Operating Hours | Emission Factors           |                         |                         | Potential Emission Rate <sup>3</sup> |        |
|-----------|------------|-----------------|----------------------------|-------------------------|-------------------------|--------------------------------------|--------|
|           |            |                 | (grams/Hp-hr) <sup>1</sup> | (lb/Hp-hr) <sup>2</sup> | (lb/MMBtu) <sup>2</sup> | (lb/hr)                              | (T/yr) |
| NOx       | 41         | 8760            | 0.3                        | -                       | -                       | 0.03                                 | 0.12   |
| VOC       | 41         | 8760            | 0.14                       | -                       | -                       | 0.01                                 | 0.06   |
| CO        | 41         | 8760            | 2.610                      | -                       | -                       | 0.24                                 | 1.03   |
| SO2       | 41         | 8760            | -                          | -                       | 0.0016                  | 0.0004                               | 0.002  |
| PM10      | 41         | 8760            | 0.020                      | -                       | -                       | 0.002                                | 0.01   |
| HCHO      | 41         | 8760            | -                          | -                       | 0.000079                | 0.00002                              | 0.0001 |
| Benzene   | 41         | 8760            | -                          | -                       | 0.000776                | 0.0002                               | 0.001  |

1. Emission factors for NOx, VOC, CO, and PM obtained from Tier IV diesel engine limits.

**Table 9.B.1.29 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project (Continued)**  
**Concrete Batch Plant Emissions**  
**POTENTIAL EMISSIONS SUMMARY GENERATOR 12**

| Pollutant | Horsepower | Operating Hours | Emission Factors           |                         |                         | Potential Emission Rate <sup>3</sup> |        |
|-----------|------------|-----------------|----------------------------|-------------------------|-------------------------|--------------------------------------|--------|
|           |            |                 | (grams/Hp-hr) <sup>1</sup> | (lb/Hp-hr) <sup>2</sup> | (lb/MMBtu) <sup>2</sup> | (lb/hr)                              | (T/yr) |
| NOx       | 40         | 8760            | 0.3                        | -                       | -                       | 0.03                                 | 0.11   |
| VOC       | 40         | 8760            | 0.14                       | -                       | -                       | 0.01                                 | 0.05   |
| CO        | 40         | 8760            | 2.610                      | -                       | -                       | 0.23                                 | 1.01   |
| SO2       | 40         | 8760            | -                          | -                       | 0.0016                  | 0.0004                               | 0.002  |
| PM10      | 40         | 8760            | 0.020                      | -                       | -                       | 0.002                                | 0.01   |
| HCHO      | 40         | 8760            | -                          | -                       | 0.000079                | 0.00002                              | 0.0001 |
| Benzene   | 40         | 8760            | -                          | -                       | 0.000776                | 0.0002                               | 0.001  |

1. Emission factors for NOx, VOC, CO, and PM obtained from Tier IV diesel engine limits.

**Table 9.B.1.29 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project (Continued)**  
**Concrete Batch Plant Emissions**  
**POTENTIAL EMISSIONS SUMMARY GENERATOR 13**

| Pollutant | Horsepower | Operating Hours | Emission Factors           |                         |                         | Potential Emission Rate <sup>3</sup> |        |
|-----------|------------|-----------------|----------------------------|-------------------------|-------------------------|--------------------------------------|--------|
|           |            |                 | (grams/Hp-hr) <sup>1</sup> | (lb/Hp-hr) <sup>2</sup> | (lb/MMBtu) <sup>2</sup> | (lb/hr)                              | (T/yr) |
| NOx       | 40         | 8760            | 0.3                        | -                       | -                       | 0.03                                 | 0.11   |
| VOC       | 40         | 8760            | 0.14                       | -                       | -                       | 0.01                                 | 0.05   |
| CO        | 40         | 8760            | 2.610                      | -                       | -                       | 0.23                                 | 1.01   |
| SO2       | 40         | 8760            | -                          | -                       | 0.0016                  | 0.0004                               | 0.002  |
| PM10      | 40         | 8760            | 0.020                      | -                       | -                       | 0.002                                | 0.01   |
| HCHO      | 40         | 8760            | -                          | -                       | 0.000079                | 0.00002                              | 0.0001 |
| Benzene   | 40         | 8760            | -                          | -                       | 0.000776                | 0.0002                               | 0.001  |

1. Emission factors for NOx, VOC, CO, and PM obtained from Tier IV diesel engine limits.

**Table 9.B.1.29 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project (Continued)**  
**Concrete Batch Plant Emissions**  
**AP-42 SECTION 7 FIXED-ROOF TANK EMISSIONS CAMERON PARISH, LOUISIANA**

|                                                               |                                      |
|---------------------------------------------------------------|--------------------------------------|
| Tank Identification                                           | TK - ULTRA LOW SULFUR DIESEL         |
| Actual Location                                               | Cameron, Louisiana                   |
| Location for Calculation Purposes                             | New Orleans, Louisiana               |
| Contents of Tank                                              | Distillate fuel oil no. 2            |
| Tank/Roof Type                                                | Horizontal Tank                      |
| Underground?                                                  | Aboveground                          |
| Will flashing occur at the tank?                              | No                                   |
| Are the tanks vapor balanced?                                 | No                                   |
| Diameter, ft                                                  | 4.8                                  |
| Shell Height or Length, ft                                    | 6.8                                  |
| Nominal Capacity, gal                                         | 500                                  |
| Throughput, gallons/yr                                        | 20,000                               |
| Tank Paint Color                                              | White                                |
| Tank Paint Condition                                          | Average                              |
| Effective Diameter, ft                                        | 6.4                                  |
| Geometric Capacity, gal                                       | 500                                  |
| Maximum Liquid Height, ft                                     | 4.0                                  |
| Average Liquid Height, ft                                     | 4.0                                  |
| Minimum Liquid Height, ft                                     | 1.0                                  |
| Cone Tank Roof Slope, ft/ft                                   | N/A                                  |
| Dome Tank Roof Radius, ft                                     | N/A                                  |
| Dome Tank Roof Height, ft                                     | N/A                                  |
| Roof Outage, ft                                               | N/A                                  |
| Vapor Space Outage, ft                                        | 1.87                                 |
| Vapor Space Volume, ft <sup>3</sup>                           | 61                                   |
| Average Daily Minimum Ambient Temperature, F                  | 61.50                                |
| Average Daily Maximum Ambient Temperature, F                  | 77.50                                |
| Daily Maximum Ambient Temperature, F                          | 90.60                                |
| Daily Total Solar Insolation Factor, Btu/ft <sup>2</sup> /day | 1462                                 |
| Daily Average Ambient Temperature, F                          | 69.5                                 |
| Tank Paint Solar Absorbance, dimensionless                    | 0.25                                 |
| Daily Vapor Temperature Range, R                              | 19.20                                |
| Daily Average Liquid Surf. Temperature, F                     | 71.60                                |
| Daily Minimum Liquid Surf. Temperature, F                     | 66.80                                |
| Daily Maximum Liquid Surf. Temperature, F                     | 76.40                                |
| Liquid Bulk Temperature                                       | 70.60                                |
| Vapor Molecular Weight, lb/mol                                | 130                                  |
| Antoine's Coefficient A                                       | N/A                                  |
| Antoine's Coefficient B                                       | N/A                                  |
| Antoine's Coefficient C                                       | N/A                                  |
| Type of Substance (for use in calculations)                   | INT                                  |
| Vapor Pressure at Daily Av. Liquid Surf. Temp., psia          | 0.009                                |
| Vapor Pressure at Daily Min. Liquid Surf. Temp., psia         | 0.008                                |
| Vapor Pressure at Daily Max. Liquid Surf. Temp., psia         | 0.011                                |
| Vapor Pressure Calculation Method                             | Interpolation: VP70=0.009 VP80=0.012 |
| Vapor Density, lb/ft <sup>3</sup>                             | 0.000216                             |
| Daily Vapor Pressure range, psi                               | 0.003                                |
| Breather Vent Pressure Setting, psig                          | 0.03                                 |
| Breather Vent Vacuum Setting, psig                            | -0.03                                |
| Breather Vent Pressure Setting Range, psi                     | 0.06                                 |
| Ambient Pressure, psia                                        | 14.7                                 |
| Vapor Space Expansion Factor                                  | 0.0322                               |
| Vented Vapor Saturation Factor                                | 0.999                                |
| Annual Turnovers                                              | 50.29                                |
| Turnover Factor                                               | 0.76                                 |
| Working Loss Product Factor                                   | 1.00                                 |
| Standing Storage Loss, lb/yr                                  | 0.15                                 |
| Working Loss, lb/yr                                           | 0.44                                 |
| Total Losses, lb/yr                                           | 0.59                                 |
| Standing Storage Loss, TPY                                    | 0.0001                               |
| Working Loss, TPY                                             | 0.0002                               |
| Total Losses, TPY                                             | 0.0003                               |

Based on AP-42, November 2019, Section 7.1.3.1.

**Table 9.B.1.29 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project (Continued)**  
**Concrete Batch Plant Emissions**  
**POTENTIAL EMISSIONS SUMMARY STORAGE TANKS**

| Source                           | EP    | Annual Throughput <sup>1</sup><br>(gallons/year) | Tank Capacity<br>(gallons) | Potential VOC Emission <sup>3</sup>           |                                             | VOC Emissions <sup>3</sup> |        |
|----------------------------------|-------|--------------------------------------------------|----------------------------|-----------------------------------------------|---------------------------------------------|----------------------------|--------|
|                                  |       |                                                  |                            | Annual Breathing<br>Losses <sup>2</sup> (lbs) | Annual working<br>Losses <sup>2</sup> (lbs) | (lb/hr)                    | (T/yr) |
| Diesel Storage Tank (10,000-gal) | TANK1 | 20,000                                           | 10,000                     | 0.15                                          | 0.44                                        | 0.0001                     | 0.0003 |
| Diesel Storage Tank              | TANK2 | 20,000                                           | 10,000                     | 0.15                                          | 0.44                                        | 0.0001                     | 0.0003 |

1. Based on maximum expected annual diesel throughputs.

| I. Material Handling                                                                  |
|---------------------------------------------------------------------------------------|
| Reference: AP-42 11.19.2 - Crushed Stone Processing and Pulverized Mineral Processing |

| Material Handling Calculations |                                    |        |                         |
|--------------------------------|------------------------------------|--------|-------------------------|
| Type                           | Data                               | Units  | Option 1                |
| General                        | EPN                                | -      | BB1 - BB3               |
|                                | FIN                                | -      | BB1 - BB3               |
|                                | Source Description                 | -      | Bag Breaker             |
|                                | Authorizing Rule Number            | -      | \$106.144               |
|                                | Emission Type                      | -      | Conveyor Transfer - Dry |
|                                | Hourly Throughput                  | ton/hr | 100                     |
|                                | Annual Throughput                  | tpy    | 200000                  |
|                                | Annual Usage                       | hr/yr  | 2000                    |
|                                | Number of like points              | -      | 3                       |
|                                | Emission Control Method            | -      | Full Enclosure*         |
|                                | Default Control %                  | %      | 0.9                     |
|                                | Specified Control %                | %      | 0.9                     |
|                                | Supporting Documentation Attached? | -      | Yes                     |
|                                | Final Control %                    | %      | 0.9                     |
| PM                             | PM Emission Factor                 | lb/ton | 0.003                   |
|                                | PM Hourly Emissions                | lb/hr  | 0.09                    |
|                                | PM annual Emissions                | tpy    | 0.09                    |
| PM10                           | PM10 Emission Factor               | lb/ton | 0.001                   |
|                                | PM10 Hourly Emissions              | lb/hr  | 0.033                   |
|                                | PM10 annual Emissions              | tpy    | 0.033                   |
| PM2.5                          | PM2.5 Emission Factor              | lb/ton | 1.70E-04                |
|                                | PM2.5 Hourly Emissions             | lb/hr  | 0.005                   |
|                                | PM2.5 annual Emissions             | tpy    | 0.005                   |
| Notes                          | Applicant Internal Comments        | -      |                         |

**Table 9.B.1.29 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project (Continued)**  
**Concrete Batch Plant Emissions**

| Emissions Summary Table         |                         |             |              |             |              |             |             |             |             |              |              |             |             |             |             |             |             |             |             |
|---------------------------------|-------------------------|-------------|--------------|-------------|--------------|-------------|-------------|-------------|-------------|--------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Emission Point Number (s)       | Name                    | PM          |              | PM10        |              | PM2.5       |             | NOx         |             | CO           |              | VOC         |             | SO2         |             | HCHO        |             | Benzene     |             |
|                                 |                         | lb/hr       | ton/yr       | lb/hr       | ton/yr       | lb/hr       | ton/yr      | lb/hr       | ton/yr      | lb/hr        | ton/yr       | lb/hr       | ton/yr      | lb/hr       | ton/yr      | lb/hr       | ton/yr      | lb/hr       | ton/yr      |
| CA1 - CA24<br>S1 - S24          | Material Handling       | 0.30        | 1.31         | 0.14        | 0.62         | 0.02        | 0.09        | -           | -           | -            | -            | -           | -           | -           | -           | -           | -           | -           | -           |
| STK                             | Stockpiles              | -           | 0.11         | -           | 0.05         | -           | 0.01        | -           | -           | -            | -            | -           | -           | -           | -           | -           | -           | -           | -           |
| SBS                             | Central Baghouse System | 1.94        | 8.51         | 0.54        | 2.36         | 0.09        | 0.40        | -           | -           | -            | -            | -           | -           | -           | -           | -           | -           | -           | -           |
| FUG                             | Loading Fugitive        | 1.97        | 8.64         | 0.55        | 2.40         | 0.09        | 0.41        | -           | -           | -            | -            | -           | -           | -           | -           | -           | -           | -           | -           |
| HOP1 - HOP4                     | Front Weigh Hopper      | 0.16        | 0.72         | 0.08        | 0.34         | 0.01        | 0.05        | -           | -           | -            | -            | -           | -           | -           | -           | -           | -           | -           | -           |
| SILO1 - SILO8                   | Silos                   | 1.84        | 8.06         | 1.44        | 4.26         | 0.17        | 0.73        | -           | -           | -            | -            | -           | -           | -           | -           | -           | -           | -           | -           |
| TANK1                           | iesel Storage Tank      | -           | -            | -           | -            | -           | -           | -           | -           | -            | -            | 0.00        | 0.00        | -           | -           | -           | -           | -           | -           |
| TANK2                           | iesel Storage Tank      | -           | -            | -           | -            | -           | -           | -           | -           | -            | -            | 0.00        | 0.00        | -           | -           | -           | -           | -           | -           |
| GEN1                            | Generator 1             | -           | -            | 0.03        | 0.14         | -           | -           | 0.48        | 2.08        | 4.16         | 18.23        | 0.23        | 0.99        | 0.01        | 0.03        | 0.00        | 0.00        | 0.00        | 0.02        |
| GEN2                            | Generator 2             | -           | -            | 0.03        | 0.14         | -           | -           | 0.48        | 2.08        | 4.16         | 18.23        | 0.23        | 0.99        | 0.01        | 0.03        | 0.00        | 0.00        | 0.00        | 0.02        |
| GEN3                            | Generator 3             | -           | -            | 0.03        | 0.14         | -           | -           | 0.48        | 2.08        | 4.16         | 18.23        | 0.23        | 0.99        | 0.01        | 0.03        | 0.00        | 0.00        | 0.00        | 0.02        |
| GEN4                            | Generator 4             | -           | -            | 0.01        | 0.02         | -           | -           | 0.11        | 0.49        | 1.41         | 6.19         | 0.05        | 0.24        | 0.00        | 0.01        | 0.00        | 0.00        | 0.00        | 0.00        |
| GEN5                            | Generator 5             | -           | -            | 0.01        | 0.02         | -           | -           | 0.11        | 0.49        | 1.41         | 6.19         | 0.05        | 0.24        | 0.00        | 0.01        | 0.00        | 0.00        | 0.00        | 0.00        |
| GEN6                            | Generator 6             | -           | -            | 0.00        | 0.01         | -           | -           | 0.15        | 0.65        | 1.30         | 5.69         | 0.07        | 0.31        | 0.00        | 0.01        | 0.00        | 0.00        | 0.00        | 0.00        |
| GEN7                            | Generator 7             | -           | -            | 0.00        | 0.01         | -           | -           | 0.15        | 0.65        | 1.30         | 5.69         | 0.07        | 0.31        | 0.00        | 0.01        | 0.00        | 0.00        | 0.00        | 0.00        |
| GEN8                            | Generator 8             | -           | -            | 0.01        | 0.03         | -           | -           | 0.09        | 0.38        | 0.76         | 3.35         | 0.04        | 0.18        | 0.00        | 0.01        | 0.00        | 0.00        | 0.00        | 0.00        |
| GEN9                            | Generator 9             | -           | -            | 0.00        | 0.02         | -           | -           | 0.06        | 0.27        | 0.55         | 2.39         | 0.03        | 0.13        | 0.00        | <0.01       | <0.01       | 0.00        | <0.01       | 0.00        |
| GEN10                           | Generator 10            | -           | -            | 0.00        | 0.02         | -           | -           | 0.06        | 0.27        | 0.55         | 2.40         | 0.03        | 0.13        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
| GEN11                           | Generator 11            | -           | -            | 0.00        | 0.01         | -           | -           | 0.03        | 0.12        | 0.24         | 1.03         | 0.01        | 0.06        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
| GEN12                           | Generator 12            | -           | -            | 0.00        | 0.01         | -           | -           | 0.03        | 0.11        | 0.23         | 1.01         | 0.01        | 0.05        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
| GEN13                           | Generator 13            | -           | -            | 0.00        | 0.01         | -           | -           | 0.03        | 0.11        | 0.23         | 1.01         | 0.01        | 0.05        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        | 0.00        |
| BB1                             | Bag Breaker 1           | 0.00        | 0.09         | 0.03        | 0.03         | 0.01        | 0.01        | -           | -           | -            | -            | -           | -           | -           | -           | -           | -           | -           | -           |
| BB2                             | Bag Breaker 2           | 0.90        | 0.09         | 0.03        | 0.03         | 0.01        | 0.01        | -           | -           | -            | -            | -           | -           | -           | -           | -           | -           | -           | -           |
| BB3                             | Bag Breaker 3           | 0.90        | 0.09         | 0.03        | 0.03         | 0.01        | 0.01        | -           | -           | -            | -            | -           | -           | -           | -           | -           | -           | -           | -           |
| <b>Total Facility Emissions</b> |                         | <b>8.02</b> | <b>27.62</b> | <b>2.97</b> | <b>10.73</b> | <b>0.21</b> | <b>1.73</b> | <b>1.95</b> | <b>8.53</b> | <b>17.91</b> | <b>78.45</b> | <b>0.92</b> | <b>4.04</b> | <b>0.03</b> | <b>0.12</b> | <b>0.00</b> | <b>0.01</b> | <b>0.01</b> | <b>0.06</b> |

| Construction Year:      | 2026 | 2027 | 2028 | 2029 |
|-------------------------|------|------|------|------|
| Total Construction Days | 66   | 261  | 260  | 109  |

|                   | Total Emissions, tons/year |       |       |       |
|-------------------|----------------------------|-------|-------|-------|
|                   | 2026                       | 2027  | 2028  | 2029  |
| PM <sub>10</sub>  | 3.58                       | 7.15  | 10.73 | 7.15  |
| PM <sub>2.5</sub> | 0.58                       | 1.15  | 1.73  | 1.15  |
| NOx               | 2.84                       | 5.69  | 8.53  | 5.69  |
| CO                | 26.15                      | 52.30 | 78.45 | 52.30 |
| VOC               | 1.35                       | 2.69  | 4.04  | 2.69  |
| SO <sub>2</sub>   | 0.04                       | 0.08  | 0.12  | 0.08  |
| Formaldehyde      | 0.00                       | 0.01  | 0.01  | 0.01  |
| Benzene           | 0.02                       | 0.04  | 0.06  | 0.04  |

**Table 9.B.1.30 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**Wind Erosion of Aggregate Storage Piles**

**Inputs**

| Description                                                       | Value       | Units          |
|-------------------------------------------------------------------|-------------|----------------|
| Material storage time                                             | 8,760       | hrs            |
| Storage duration                                                  | 365         | days           |
| Average Wind Speed <sup>1</sup>                                   | 8.54        | mph            |
| Annual Material Throughput <sup>2</sup>                           | 76,931      | tons/yr        |
| Transfer Rate (Reclaimer)                                         | 9           | tons/hr        |
| Control Efficiency of Wind Erosion PM <sub>10</sub> <sup>3</sup>  | 90%         | %              |
| Control Efficiency of Wind Erosion PM <sub>2.5</sub> <sup>3</sup> | 40%         | %              |
| Traffic hours per day                                             | 24          | hours/day      |
| Surface Area <sup>4</sup>                                         | 660         | m <sup>2</sup> |
| Threshold Friction Velocity <sup>5</sup>                          | 1.02        | m/s            |
| Maximum Wind Speed <sup>1</sup>                                   | 111.0864404 | mph            |
| Frontend Loader Capacity <sup>6</sup>                             | 18          | ton/load       |
| Stacking Frequency <sup>7</sup>                                   | 0.2         | load/week      |
| Number of disturbances/day <sup>8</sup>                           | 13          | dist/day       |

1. Windspeed is obtained from Lake Charles Regional Airport (Station ID 3937) for 2015-2019.
2. Annual throughput is based off of the maximum throughput for the aggregate storage piles from 2023-2025.
3. Values from AP-42 Table B.2-1 *Typical Collection Efficiencies of Various Particulate Control Devices*; Dust Suppression by Chemical Stabilizer or Wetting Agents
4. Pile dimensions based on engineering estimates and best currently available information
5. Threshold friction velocity based on Table 13.2.5-2, AP-42 13.2.5, "Industrial Wind Erosion" (2006).
6. Maximum amount of possible daily disturbances based on engineering estimates and best currently available data.
7. Stacking frequency based on ship unloading frequency.
8. Number of Disturbances/Day = Max reclaiming rate (tons/hr) \* Daily traffic hours (hrs/day) / Front end loader capacity (tons/load) + Stacking frequency (loads/week) / 7 (days/week)

**Wind Erosion**

**Calculation Basis:**

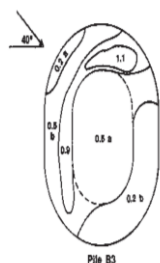
Calculation methodology derived from AP-42 13.2.5, "Industrial Wind Erosion" (2006).

Assume a flat topped oval shaped pile with 37° side slope and height of 17 ft.

The pile is subdivided into wind regimes, which correspond to a sub-surface area distribution. ( $u_s/u_r$  ratio)

The total emissions from wind erosion are represented as a numerical sum of the contributions from each  $u_s/u_r$  ratio or section.

AP-42 Figure 13.2.5-2, "Contour of Normalized Surface Windspeeds,  $u_s/u_r$ " Pile B3 is used to define the wind regime for conservatism



If Equivalent Friction Velocity > Threshold Friction Velocity:

$$\text{Equation (3): Erosion Potential } \left( \frac{g}{m^2} \right)$$

$$= 58 \left( \text{Equivalent Friction Velocity } \left( \frac{m}{s} \right) - \text{Threshold Friction Velocity } \left( \frac{m}{s} \right) \right)^2$$

$$+ 25 \left( \text{Equivalent Friction Velocity } \left( \frac{m}{s} \right) - \text{Threshold Friction Velocity } \left( \frac{m}{s} \right) \right)^2$$

$$\text{Equation (6): Surface Wind Speed } \left( \frac{m}{s} \right) = \frac{u_s}{u_r} \cdot \text{Daily Max Wind Speed } \left( \frac{m}{s} \right)$$

$$\text{Equation (7): Equivalent Friction Velocity } \left( \frac{m}{s} \right) = 0.1 \cdot \text{Surface Wind Speed } \left( \frac{m}{s} \right)$$

$$\text{Average Emission Rate } \left( \frac{lb}{hr} \right)$$

$$= \text{Number of Disturbances per Day} \cdot \text{Particle Size Multiplier} \cdot \left( \frac{lb}{454 g} \right) \cdot \text{Subsurface Area \%}$$

$$\cdot \text{Total Surface Area (m}^2\text{)} \cdot \text{Erosion Potential } \left( \frac{g}{m^2} \right) \cdot \left( \frac{day}{24 hr} \right)$$

$$\text{Maximum Emission Rate } \left( \frac{lb}{hr} \right) = \text{Average Emission Rate } \left( \frac{lb}{hr} \right) \cdot 110\%$$

$$\text{Annual Emission Rate (tpy)} = \text{Average Emission Rate } \left( \frac{lb}{hr} \right) * \left( \frac{8760 hr}{yr} \right) * \left( \frac{ton}{2000 lb} \right)$$

$$\text{Total Emission Rate} = \sum \text{Emission Rate for Each Wind Regime}$$

AP-42 Table 13.2.5-3, "Subarea Distribution for Regimes of  $u_s/u_r$ "

| Pile Subarea | Pile B3 |
|--------------|---------|
| 0.2a         | 3       |
| 0.2b         | 25      |
| 0.2c         | NA      |
| 0.6a         | 28      |
| 0.6b         | 26      |
| 0.9          | 14      |
| 1.1          | 4       |

NA = not applicable.

| Aerodynamic Particle Size Multiplier |       |
|--------------------------------------|-------|
| < 30 micrometers *                   | 1     |
| < 15 micrometers                     | 0.6   |
| < 10 micrometers                     | 0.50  |
| < 2.5 micrometers                    | 0.075 |

\*TSP is assumed to be equivalent to PM30.

**Table 9.B.1.30 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**Wind Erosion of Aggregate Storage Piles**  
**(Continued)**

**Wind Erosion Emission Calculations:**

| Capacity of Loader | Surface Area of Pile | Annual Throughput | % of Surface Area Affected per Disturbance |
|--------------------|----------------------|-------------------|--------------------------------------------|
| (tons/load)        | (m <sup>2</sup> )    | (tons)            | (%/dist)                                   |
| 18                 | 660                  | 76,931            | 0.021%                                     |

Percent of Surface Area Affected per Disturbance (%/dist) = Capacity of Loader (tons/load) \* 1.102 tonnes/ton / Annual Throughput (tonnes)

**For  $u_s/u_r$  ratio of 0.2:**

| Pollutant         | Daily Max Wind Speed at 10 m | Days with <0.1 inch of Rainfall <sup>1</sup> | $u_s/u_r$ Ratio <sup>2</sup> | Surface Wind Speed <sup>3</sup> | Equivalent Friction Velocity <sup>4</sup> | Threshold Velocity | Erosion Potential <sup>5</sup> | Sub-Surface Area <sup>6</sup> | Average Emission Rate <sup>7</sup> | Maximum Emission Rate <sup>8</sup> | Annual Emission Rate <sup>9</sup> |
|-------------------|------------------------------|----------------------------------------------|------------------------------|---------------------------------|-------------------------------------------|--------------------|--------------------------------|-------------------------------|------------------------------------|------------------------------------|-----------------------------------|
|                   | m/s                          | (days/yr)                                    |                              | m/s                             | m/s                                       | m/s                | g/m <sup>2</sup>               | %                             | lb/hr                              | lb/hr                              | tpy                               |
| PM <sub>10</sub>  | 49.66                        | 105                                          | 0.2                          | 9.93                            | 0.99                                      | 1.02               | 0.00                           | 28%                           | -                                  | -                                  | -                                 |
| PM <sub>2.5</sub> | 49.66                        | 105                                          | 0.2                          | 9.93                            | 0.99                                      | 1.02               | 0.00                           | 28%                           | -                                  | -                                  | -                                 |

**For  $u_s/u_r$  ratio of 0.6:**

| Pollutant         | Daily Max Wind Speed at 10 m | Days with <0.1 inch of Rainfall <sup>1</sup> | $u_s/u_r$ Ratio <sup>2</sup> | Surface Wind Speed <sup>3</sup> | Equivalent Friction Velocity <sup>4</sup> | Threshold Velocity | Erosion Potential <sup>5</sup> | Sub-Surface Area <sup>6</sup> | Average Emission Rate <sup>7</sup> | Maximum Emission Rate <sup>8</sup> | Annual Emission Rate <sup>9</sup> |
|-------------------|------------------------------|----------------------------------------------|------------------------------|---------------------------------|-------------------------------------------|--------------------|--------------------------------|-------------------------------|------------------------------------|------------------------------------|-----------------------------------|
|                   | m/s                          | (days/yr)                                    |                              | m/s                             | m/s                                       | m/s                | g/m <sup>2</sup>               | %                             | lb/hr                              | lb/hr                              | tpy                               |
| PM <sub>10</sub>  | 49.66                        | 105                                          | 0.6                          | 29.80                           | 2.98                                      | 1.02               | 271.69                         | 54%                           | -                                  | -                                  | -                                 |
| PM <sub>2.5</sub> | 49.66                        | 105                                          | 0.6                          | 29.80                           | 2.98                                      | 1.02               | 271.69                         | 54%                           | -                                  | -                                  | -                                 |

**For  $u_s/u_r$  ratio of 0.9:**

| Pollutant         | Daily Max Wind Speed at 10 m | Days with <0.1 inch of Rainfall <sup>1</sup> | $u_s/u_r$ Ratio <sup>2</sup> | Surface Wind Speed <sup>3</sup> | Equivalent Friction Velocity <sup>4</sup> | Threshold Velocity | Erosion Potential <sup>5</sup> | Sub-Surface Area <sup>6</sup> | Average Emission Rate <sup>7</sup> | Maximum Emission Rate <sup>8</sup> | Annual Emission Rate <sup>9</sup> |
|-------------------|------------------------------|----------------------------------------------|------------------------------|---------------------------------|-------------------------------------------|--------------------|--------------------------------|-------------------------------|------------------------------------|------------------------------------|-----------------------------------|
|                   | m/s                          | (days/yr)                                    |                              | m/s                             | m/s                                       | m/s                | g/m <sup>2</sup>               | %                             | lb/hr                              | lb/hr                              | tpy                               |
| PM <sub>10</sub>  | 49.66                        | 105                                          | 0.9                          | 44.69                           | 4.47                                      | 1.02               | 776.29                         | 14%                           | 4.26                               | 4.69                               | 5.37                              |
| PM <sub>2.5</sub> | 49.66                        | 105                                          | 0.9                          | 44.69                           | 4.47                                      | 1.02               | 776.29                         | 14%                           | 3.83                               | 4.22                               | 4.83                              |

**For  $u_s/u_r$  ratio of 1.1:**

| Pollutant         | Daily Max Wind Speed at 10 m | Days with <0.1 inch of Rainfall <sup>1</sup> | $u_s/u_r$ Ratio <sup>2</sup> | Surface Wind Speed <sup>3</sup> | Equivalent Friction Velocity <sup>4</sup> | Threshold Velocity | Erosion Potential <sup>5</sup> | Sub-Surface Area <sup>6</sup> | Average Emission Rate <sup>7</sup> | Maximum Emission Rate <sup>8</sup> | Annual Emission Rate <sup>9</sup> |
|-------------------|------------------------------|----------------------------------------------|------------------------------|---------------------------------|-------------------------------------------|--------------------|--------------------------------|-------------------------------|------------------------------------|------------------------------------|-----------------------------------|
|                   | m/s                          | (days/yr)                                    |                              | m/s                             | m/s                                       | m/s                | g/m <sup>2</sup>               | %                             | lb/hr                              | lb/hr                              | tpy                               |
| PM <sub>10</sub>  | 49.66                        | 105                                          | 1.1                          | 54.62                           | 5.46                                      | 1.02               | 1255.72                        | 4%                            | 1.04E-02                           | 1.15E-02                           | 1.32E-02                          |
| PM <sub>2.5</sub> | 49.66                        | 105                                          | 1.1                          | 54.62                           | 5.46                                      | 1.02               | 1255.72                        | 4%                            | 1.57E-03                           | 1.72E-03                           | 1.97E-03                          |

Calculations based on AP-42 13.2.5:

1. Assume wind erosion does not occur on days with at least 0.1 inch of rainfall since the material is wetted. Rainfall data is from AP-42, Section 13.2.2, "Unpaved Roads" (2006).
2. Assume an oval flat-topped pile-see Pile B3 in AP-42 13.2.5 Figure 13.2.5-2 for  $u_s/u_r$  ratios.
3. Surface Wind Speed (m/s) =  $u_s/u_r$  \* Daily Max Wind Speed at 10 m (m/s)
4. Equivalent Friction Velocity (m/s) = 0.10 \* Surface Wind Speed (m/s)
5. Erosion Potential (g/m<sup>2</sup>) =  $58 * [Equivalent Friction Velocity (m/s) - Threshold Friction Velocity (m/s)]^2 + 25 * [Equivalent Friction Velocity (m/s) - Threshold Friction Velocity]$
6. Assume a flat-topped oval pile-see Pile B3 in AP-42 13.2.5 Table 13.2.5-3 for subdivided surface areas. However, only a very small fraction of the surface area is affected by each disturbance, as calculated above.
7. Average Emission Rate (lb/hr) = Erosion Potential (g/m<sup>2</sup>) \* Surface Area (m<sup>2</sup>) \* Sub-surface Area % \* Particle Size Multiplier \* disturbances per day / 24 hr/day / 454 g/lb \* (1 - Control Efficiency %)
8. Maximum Emission Rate (lb/hr) = Average Emission Rate (lb/hr) \* 110%
9. Annual Emission Rate (tpy) = Average Emission Rate (lb/hr) \* Number of Operating Hours per Year / 2000 lb/ton \* Number of days with <0.1 inches of rain / 365 days/yr

**Table 9.B.1.31 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**Wind Erosion of Sand Storage Piles**

**Inputs**

| Description                                                       | Value  | Units          |
|-------------------------------------------------------------------|--------|----------------|
| Material storage time                                             | 8,760  | hrs            |
| Storage duration                                                  | 365    | days           |
| Average Wind Speed <sup>1</sup>                                   | 7.87   | mph            |
| Annual Material Throughput <sup>2</sup>                           | 58,905 | tons/yr        |
| Transfer Rate (Reclaimer)                                         | 7      | tons/hr        |
| Control Efficiency of Wind Erosion PM <sub>10</sub> <sup>3</sup>  | 90%    | %              |
| Control Efficiency of Wind Erosion PM <sub>2.5</sub> <sup>3</sup> | 40%    | %              |
| Traffic hours per day                                             | 24     | hours/day      |
| Surface Area <sup>4</sup>                                         | 505    | m <sup>2</sup> |
| Threshold Friction Velocity <sup>5</sup>                          | 1.02   | m/s            |
| Maximum Wind Speed <sup>1</sup>                                   | 38     | mph            |
| Frontend Loader Capacity <sup>6</sup>                             | 18     | ton/load       |
| Stacking Frequency <sup>7</sup>                                   | 0.2    | load/week      |
| Number of disturbances/day <sup>8</sup>                           | 10     | dist/day       |

1. Windspeed is obtained from Lake Charles Regional Airport (Station ID 3937) for 2015-2019.
2. Annual throughput is based off of the maximum throughput for the sand storage piles from 2023-2025.
3. Values from AP-42 Table B.2-1 *Typical Collection Efficiencies of Various Particulate Control Devices*; Dust Suppression by Chemical Stabilizer or Wetting Agents
4. Pile dimensions based on engineering estimates and best currently available information
5. Threshold friction velocity based on Table 13.2.5-2, AP-42 13.2.5, "Industrial Wind Erosion" (2006).
6. Maximum amount of possible daily disturbances based on engineering estimates and best currently available data.
7. Stacking frequency based on ship unloading frequency.
8. Number of Disturbances/Day = Max reclaiming rate (tons/hr) \* Daily traffic hours (hrs/day) / Front end loader capacity (tons/load) + Stacking frequency (loads/week) / 7 (days/week)

**Wind Erosion**

**Calculation Basis:**

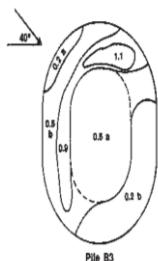
Calculation methodology derived from AP-42 13.2.5, "Industrial Wind Erosion" (2006).

Assume a flat topped oval shaped pile with 37° side slope and height of 17 ft.

The pile is subdivided into wind regimes, which correspond to a sub-surface area distribution. ( $u_s/u_r$  ratio)

The total emissions from wind erosion are represented as a numerical sum of the contributions from each  $u_s/u_r$  ratio or section.

AP-42 Figure 13.2.5-2, "Contour of Normalized Surface Windspeeds,  $u_s/u_r$ " Pile B3 is used to define the wind regime for conservatism



If Equivalent Friction Velocity > Threshold Friction Velocity:

$$\text{Equation (3): Erosion Potential } \left( \frac{g}{m^2} \right)$$

$$= 58 \left( \text{Equivalent Friction Velocity } \left( \frac{m}{s} \right) - \text{Threshold Friction Velocity } \left( \frac{m}{s} \right) \right)^2$$

$$+ 25 \left( \text{Equivalent Friction Velocity } \left( \frac{m}{s} \right) - \text{Threshold Friction Velocity } \left( \frac{m}{s} \right) \right)^2$$

$$\text{Equation (6): Surface Wind Speed } \left( \frac{m}{s} \right) = \frac{u_s}{u_r} \cdot \text{Daily Max Wind Speed } \left( \frac{m}{s} \right)$$

$$\text{Equation (7): Equivalent Friction Velocity } \left( \frac{m}{s} \right) = 0.1 \cdot \text{Surface Wind Speed } \left( \frac{m}{s} \right)$$

$$\text{Average Emission Rate } \left( \frac{lb}{hr} \right)$$

$$= \text{Number of Disturbances per Day} \cdot \text{Particle Size Multiplier} \cdot \left( \frac{lb}{454 g} \right) \cdot \text{Subsurface Area \%}$$

$$\cdot \text{Total Surface Area (m}^2\text{)} \cdot \text{Erosion Potential } \left( \frac{g}{m^2} \right) \cdot \left( \frac{day}{24 hr} \right)$$

$$\text{Maximum Emission Rate } \left( \frac{lb}{hr} \right) = \text{Average Emission Rate } \left( \frac{lb}{hr} \right) \cdot 110\%$$

$$\text{Annual Emission Rate (tpy)} = \text{Average Emission Rate } \left( \frac{lb}{hr} \right) * \left( \frac{8760 hr}{yr} \right) * \left( \frac{ton}{2000 lb} \right)$$

$$\text{Total Emission Rate} = \sum \text{Emission Rate for Each Wind Regime}$$

AP-42 Table 13.2.5-3, "Subarea Distribution for Regimes of  $u_s/u_r$ "

| Pile Subarea | Pile B3 |
|--------------|---------|
| 0.2a         | 3       |
| 0.2b         | 25      |
| 0.2c         | NA      |
| 0.6a         | 28      |
| 0.6b         | 26      |
| 0.9          | 14      |
| 1.1          | 4       |

NA = not applicable.

| Aerodynamic Particle Size Multiplier |       |
|--------------------------------------|-------|
| < 30 micrometers *                   | 1     |
| < 15 micrometers                     | 0.6   |
| < 10 micrometers                     | 0.50  |
| < 2.5 micrometers                    | 0.075 |

\*TSP is assumed to be equivalent to PM30.

**Table 9.B.1.31 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**Wind Erosion of Aggregate Storage Piles**  
**(Continued)**

**Wind Erosion Emission Calculations:**

| Capacity of Loader | Surface Area of Pile | Annual Throughput | % of Surface Area Affected per Disturbance |
|--------------------|----------------------|-------------------|--------------------------------------------|
| (tons/load)        | (m <sup>2</sup> )    | (tons)            | (%/dist)                                   |
| 18                 | 505                  | 58,905            | 0.028%                                     |

Percent of Surface Area Affected per Disturbance (%/dist) = Capacity of Loader (tons/load) \* 1.102 tonnes/ton / Annual Throughput (tonnes)

**For  $u_s/u_r$  ratio of 0.2:**

| Pollutant         | Daily Max Wind Speed at 10 m | Days with <0.1 inch of Rainfall <sup>1</sup> | $u_s/u_r$ Ratio <sup>2</sup> | Surface Wind Speed <sup>3</sup> | Equivalent Friction Velocity <sup>4</sup> | Threshold Velocity | Erosion Potential <sup>5</sup> | Sub-Surface Area <sup>6</sup> | Average Emission Rate <sup>7</sup> | Maximum Emission Rate <sup>8</sup> | Annual Emission Rate <sup>9</sup> |
|-------------------|------------------------------|----------------------------------------------|------------------------------|---------------------------------|-------------------------------------------|--------------------|--------------------------------|-------------------------------|------------------------------------|------------------------------------|-----------------------------------|
|                   | m/s                          | (days/yr)                                    |                              | m/s                             | m/s                                       | m/s                | g/m <sup>2</sup>               | %                             | lb/hr                              | lb/hr                              | tpy                               |
| PM <sub>10</sub>  | 16.99                        | 105                                          | 0.2                          | 3.40                            | 0.34                                      | 1.02               | 0.00                           | 28%                           | -                                  | -                                  | -                                 |
| PM <sub>2.5</sub> | 16.99                        | 105                                          | 0.2                          | 3.40                            | 0.34                                      | 1.02               | 0.00                           | 28%                           | -                                  | -                                  | -                                 |

**For  $u_s/u_r$  ratio of 0.6:**

| Pollutant         | Daily Max Wind Speed at 10 m | Days with <0.1 inch of Rainfall <sup>1</sup> | $u_s/u_r$ Ratio <sup>2</sup> | Surface Wind Speed <sup>3</sup> | Equivalent Friction Velocity <sup>4</sup> | Threshold Velocity | Erosion Potential <sup>5</sup> | Sub-Surface Area <sup>6</sup> | Average Emission Rate <sup>7</sup> | Maximum Emission Rate <sup>8</sup> | Annual Emission Rate <sup>9</sup> |
|-------------------|------------------------------|----------------------------------------------|------------------------------|---------------------------------|-------------------------------------------|--------------------|--------------------------------|-------------------------------|------------------------------------|------------------------------------|-----------------------------------|
|                   | m/s                          | (days/yr)                                    |                              | m/s                             | m/s                                       | m/s                | g/m <sup>2</sup>               | %                             | lb/hr                              | lb/hr                              | tpy                               |
| PM <sub>10</sub>  | 16.99                        | 105                                          | 0.6                          | 10.19                           | 1.02                                      | 1.02               | 0.00                           | 54%                           | -                                  | -                                  | -                                 |
| PM <sub>2.5</sub> | 16.99                        | 105                                          | 0.6                          | 10.19                           | 1.02                                      | 1.02               | 0.00                           | 54%                           | -                                  | -                                  | -                                 |

**For  $u_s/u_r$  ratio of 0.9:**

| Pollutant         | Daily Max Wind Speed at 10 m | Days with <0.1 inch of Rainfall <sup>1</sup> | $u_s/u_r$ Ratio <sup>2</sup> | Surface Wind Speed <sup>3</sup> | Equivalent Friction Velocity <sup>4</sup> | Threshold Velocity | Erosion Potential <sup>5</sup> | Sub-Surface Area <sup>6</sup> | Average Emission Rate <sup>7</sup> | Maximum Emission Rate <sup>8</sup> | Annual Emission Rate <sup>9</sup> |
|-------------------|------------------------------|----------------------------------------------|------------------------------|---------------------------------|-------------------------------------------|--------------------|--------------------------------|-------------------------------|------------------------------------|------------------------------------|-----------------------------------|
|                   | m/s                          | (days/yr)                                    |                              | m/s                             | m/s                                       | m/s                | g/m <sup>2</sup>               | %                             | lb/hr                              | lb/hr                              | tpy                               |
| PM <sub>10</sub>  | 16.99                        | 105                                          | 0.9                          | 15.29                           | 1.53                                      | 1.02               | 27.74                          | 14%                           | 0.09                               | 0.10                               | 0.11                              |
| PM <sub>2.5</sub> | 16.99                        | 105                                          | 0.9                          | 15.29                           | 1.53                                      | 1.02               | 27.74                          | 14%                           | 0.08                               | 0.09                               | 0.10                              |

**For  $u_s/u_r$  ratio of 1.1:**

| Pollutant         | Daily Max Wind Speed at 10 m | Days with <0.1 inch of Rainfall <sup>1</sup> | $u_s/u_r$ Ratio <sup>2</sup> | Surface Wind Speed <sup>3</sup> | Equivalent Friction Velocity <sup>4</sup> | Threshold Velocity | Erosion Potential <sup>5</sup> | Sub-Surface Area <sup>6</sup> | Average Emission Rate <sup>7</sup> | Maximum Emission Rate <sup>8</sup> | Annual Emission Rate <sup>9</sup> |
|-------------------|------------------------------|----------------------------------------------|------------------------------|---------------------------------|-------------------------------------------|--------------------|--------------------------------|-------------------------------|------------------------------------|------------------------------------|-----------------------------------|
|                   | m/s                          | (days/yr)                                    |                              | m/s                             | m/s                                       | m/s                | g/m <sup>2</sup>               | %                             | lb/hr                              | lb/hr                              | tpy                               |
| PM <sub>10</sub>  | 16.99                        | 105                                          | 1.1                          | 18.69                           | 1.87                                      | 1.02               | 62.98                          | 4%                            | 4.01E-04                           | 4.42E-04                           | 5.06E-04                          |
| PM <sub>2.5</sub> | 16.99                        | 105                                          | 1.1                          | 18.69                           | 1.87                                      | 1.02               | 62.98                          | 4%                            | 6.02E-05                           | 6.62E-05                           | 7.59E-05                          |

Calculations based on AP-42 13.2.5:

1. Assume wind erosion does not occur on days with at least 0.1 inch of rainfall since the material is wetted. Rainfall data is from AP-42, Section 13.2.2, "Unpaved Roads" (2006).
2. Assume an oval flat-topped pile-see Pile B3 in AP-42 13.2.5 Figure 13.2.5-2 for  $u_s/u_r$  ratios.
3. Surface Wind Speed (m/s) =  $u_s/u_r$  \* Daily Max Wind Speed at 10 m (m/s)
4. Equivalent Friction Velocity (m/s) = 0.10 \* Surface Wind Speed (m/s)
5. Erosion Potential (g/m<sup>2</sup>) = 58 \* [Equivalent Friction Velocity (m/s) - Threshold Friction Velocity (m/s)]<sup>2</sup> + 25 \* [Equivalent Friction Velocity (m/s) - Threshold Friction Velocity]
6. Assume a flat-topped oval pile-see Pile B3 in AP-42 13.2.5 Table 13.2.5-3 for subdivided surface areas. However, only a very small fraction of the surface area is affected by each disturbance, as calculated above.
7. Average Emission Rate (lb/hr) = Erosion Potential (g/m<sup>2</sup>) \* Surface Area (m<sup>2</sup>) \* Sub-surface Area % \* Particle Size Multiplier \* disturbances per day / 24 hr/day / 454 g/lb \* (1 - Control Efficiency %)
8. Maximum Emission Rate (lb/hr) = Average Emission Rate (lb/hr) \* 110%
9. Annual Emission Rate (tpy) = Average Emission Rate (lb/hr) \* Number of Operating Hours per Year / 2000 lb/ton \* Number of days with <0.1 inches of rain / 365 days/yr

**Table 9.B.1.32 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**Dredging - Criteria and Greenhouse Gas Emissions**

| Operation/Location        | Engine power Rating [1] |        | No. of Equipment/Day | Hours/Day |      |      |      |      | Load Factor [2] |
|---------------------------|-------------------------|--------|----------------------|-----------|------|------|------|------|-----------------|
|                           | (hp)                    | (kW)   |                      |           | 2026 | 2027 | 2028 | 2029 |                 |
| 30" Double booster        | 7,420                   | 5,533  | 2                    | 12        | -    | 120  | -    | -    | 66%             |
| 30" Cutter suction dredge | 17,619                  | 13,138 | 2                    | 12        | -    | 120  | -    | -    | 66%             |
| Mechanical Bucket Dredger | 535                     | 399    | 2                    | 12        | -    | 120  | -    | -    | 66%             |
| Spud barge                | 300                     | 224    | 2                    | 12        | -    | 120  | -    | -    | 43%             |
| Assist tug boat           | 2,400                   | 1,790  | 2                    | 12        | -    | 120  | -    | -    | 68%             |
| Assist tug boat           | 1,800                   | 1,342  | 2                    | 12        | -    | 120  | -    | -    | 68%             |
| Assist tug boat           | 1,200                   | 895    | 2                    | 12        | -    | 120  | -    | -    | 68%             |

#### Emissions

| Pollutant             | Emission Factors [3] | Potential Emissions |           |       |       |
|-----------------------|----------------------|---------------------|-----------|-------|-------|
|                       |                      | 2026                | 2027      | 2028  | 2029  |
|                       | (g/kW-hr)            |                     | (tpy)     | (tpy) | (tpy) |
| PM <sub>10</sub>      | 0.08                 | -                   | 4.06      | -     | -     |
| PM <sub>2.5</sub>     | 0.08                 | -                   | 3.94      | -     | -     |
| NOx                   | 4.75                 | -                   | 232.50    | -     | -     |
| CO                    | 0.92                 | -                   | 44.98     | -     | -     |
| SO <sub>2</sub>       | 0.006                | -                   | 0.31      | -     | -     |
| VOC                   | 0.12                 | -                   | 6.11      | -     | -     |
| CO <sub>2</sub>       | 679.47               | -                   | 33,264.29 | -     | -     |
| CH <sub>4</sub>       | 0.024                | -                   | 1.16      | -     | -     |
| N <sub>2</sub> O      | 0.03                 | -                   | 1.63      | -     | -     |
| CO <sub>2</sub> e [4] | -                    | -                   | 33,727.86 | -     | -     |

1. Based on engineering estimates and best currently available information.

2. Load factors are obtained from Table 4.4 of [Ports Emissions Inventory Guidance: Methodologies for Estimating Port-Related and Goods Movement Mobile Source Emissions](#), US EPA, April 2022. For Dredging vessels, 66% is utilized as Load Factor per Section 4.6 of the Ports Emissions Inventory Guidance.

3. Emission factors are obtained from Table H.7 of [Ports Emissions Inventory Guidance: Methodologies for Estimating Port-Related and Goods Movement Mobile Source Emissions](#), US EPA, April 2022 (conservatively assumed Tier 3 engines). CH<sub>4</sub> and N<sub>2</sub>O emission factors are based on Sections 4.5.4 and 4.5.5 of [Ports Emissions Inventory Guidance: Methodologies for Estimating Port-Related and Goods Movement Mobile Source Emissions](#), US EPA, April 2022, respectively.

4. The global warming potentials of CO<sub>2</sub>, CH<sub>4</sub>, and N<sub>2</sub>O are assumed to be 1, 28, and 265, respectively.

**Table 9.B.1.33 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**Dredging - Hazardous Air Pollutant Emissions**

| Operation/Location        | Engine power Rating [1] |        | No. of Equipment/Day |
|---------------------------|-------------------------|--------|----------------------|
|                           | (hp)                    | (kW)   |                      |
| 30" Double booster        | 7,420                   | 5,533  | 2                    |
| 30" Cutter suction dredge | 17,619                  | 13,138 | 2                    |
| Mechanical Bucket Dredger | 535                     | 399    | 2                    |
| Spud barge                | 300                     | 224    | 2                    |
| Assist tug boat           | 2,400                   | 1,790  | 2                    |
| Assist tug boat           | 1,800                   | 1,342  | 2                    |
| Assist tug boat           | 1,200                   | 895    | 2                    |

| Pollutant                 | Basis [2]             | Fraction [2] | Potential Emissions |       |       |       |
|---------------------------|-----------------------|--------------|---------------------|-------|-------|-------|
|                           |                       |              | 20.26               | 2027  | 2028  | 2029  |
|                           |                       |              | (tpy)               | (tpy) | (tpy) | (tpy) |
| 1,3-Butadiene             | VOC                   | 1.013E-03    | -                   | 0.01  | -     | -     |
| 2,2,4-Trimethylpentane    | VOC                   | 7.120E-03    | -                   | 0.04  | -     | -     |
| Acetaldehyde              | VOC                   | 9.783E-03    | -                   | 0.06  | -     | -     |
| Acrolein                  | VOC                   | 1.848E-03    | -                   | 0.01  | -     | -     |
| Benzene                   | VOC                   | 4.739E-03    | -                   | 0.03  | -     | -     |
| Ethyl Benzene             | VOC                   | 4.390E-04    | -                   | 0.00  | -     | -     |
| Formaldehyde              | VOC                   | 4.270E-02    | -                   | 0.26  | -     | -     |
| Naphthalene               | VOC                   | 3.130E-02    | -                   | 0.19  | -     | -     |
| Hexane                    | VOC                   | 2.790E-03    | -                   | 0.02  | -     | -     |
| Propionaldehyde           | VOC                   | 1.517E-03    | -                   | 0.01  | -     | -     |
| Toluene                   | VOC                   | 2.035E-03    | -                   | 0.01  | -     | -     |
| Xylenes (Mixed Isomers)   | VOC                   | 1.422E-03    | -                   | 0.01  | -     | -     |
| Polychlorinated Biphenyls | PM <sub>2.5</sub>     | 4.180E-07    | -                   | 0.00  | -     | -     |
| Total PAH                 | VOC/PM <sub>2.5</sub> | -            | -                   | 0.20  | -     | -     |
| Antimony                  | PM <sub>2.5</sub>     | 6.150E-04    | -                   | 0.00  | -     | -     |
| Arsenic                   | PM <sub>2.5</sub>     | 2.590E-05    | -                   | 0.000 | -     | -     |
| Cadmium                   | PM <sub>2.5</sub>     | 2.360E-04    | -                   | 0.00  | -     | -     |
| Chromium (VI)             | PM <sub>2.5</sub>     | 7.240E-09    | -                   | 0.00  | -     | -     |
| Lead                      | PM <sub>2.5</sub>     | 1.250E-04    | -                   | 0.00  | -     | -     |
| Manganese                 | PM <sub>2.5</sub>     | 3.220E-06    | -                   | 0.00  | -     | -     |
| Mercury                   | PM <sub>2.5</sub>     | 4.180E-08    | -                   | 0.00  | -     | -     |
| Nickel                    | PM <sub>2.5</sub>     | 6.870E-04    | -                   | 0.00  | -     | -     |
| Selenium                  | PM <sub>2.5</sub>     | 4.380E-08    | -                   | 0.00  | -     | -     |

1. Based on engineering estimates and best currently available information.

2. Based on Table D.1 of [Ports Emissions Inventory Guidance: Methodologies for Estimating Port-Related and Goods Movement Mobile Source Emissions](#), US EPA, April 2022.

**Table 9.B.1.34 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**Construction Emissions Totals**

| Year         | Nonroad Exhaust Emissions - Criteria Pollutants and GHG Emissions |                 |                 |              |                  |                   |                 |                 |                  |                   |
|--------------|-------------------------------------------------------------------|-----------------|-----------------|--------------|------------------|-------------------|-----------------|-----------------|------------------|-------------------|
|              | Annual Emissions (tons)                                           |                 |                 |              |                  |                   |                 |                 |                  |                   |
|              | CO                                                                | NOx             | SO <sub>2</sub> | VOC          | PM <sub>10</sub> | PM <sub>2.5</sub> | CO <sub>2</sub> | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e |
| 2026         | 29.95                                                             | 125.20          | 0.12            | 7.64         | 5.08             | 4.92              | 42,246          | 0.33            | 1.78             | 42,726.94         |
| 2027         | 129.73                                                            | 604.18          | 0.44            | 35.38        | 22.76            | 22.08             | 152,031         | 1               | 6                | 153,763.21        |
| 2028         | 66.07                                                             | 303.26          | 0.28            | 17.55        | 11.41            | 11.07             | 95,626          | 1               | 4                | 96,713.54         |
| 2029         | 16.62                                                             | 77.81           | 0.07            | 4.75         | 2.76             | 2.68              | 22,609          | 0               | 1                | 22,865.23         |
| <b>Total</b> | <b>242.37</b>                                                     | <b>1,110.45</b> | <b>0.91</b>     | <b>65.33</b> | <b>42.01</b>     | <b>40.75</b>      | <b>312,512</b>  | <b>2.46</b>     | <b>13.16</b>     | <b>316,069</b>    |

| Year         | Nonroad Exhaust Emissions - Hazardous Air Pollutant Emissions |                        |              |             |             |               |              |             |             |             |
|--------------|---------------------------------------------------------------|------------------------|--------------|-------------|-------------|---------------|--------------|-------------|-------------|-------------|
|              | Annual Emissions (tons)                                       |                        |              |             |             |               |              |             |             |             |
|              | 1,3-Butadiene                                                 | 2,2,4-Trimethylpentane | Acetaldehyde | Acrolein    | Benzene     | Ethyl Benzene | Formaldehyde | Hexane      | Naphthalene | PAH         |
| 2026         | 0.01                                                          | 0.06                   | 0.66         | 0.16        | 0.25        | 0.05          | 1.82         | 0.01        | 0.03        | 0.03        |
| 2027         | 0.06                                                          | 0.27                   | 2.96         | 0.76        | 1.06        | 0.21          | 8.25         | 0.06        | 0.12        | 0.14        |
| 2028         | 0.03                                                          | 0.13                   | 1.50         | 0.37        | 0.57        | 0.10          | 4.16         | 0.03        | 0.06        | 0.07        |
| 2029         | 0.01                                                          | 0.04                   | 0.42         | 0.10        | 0.17        | 0.03          | 1.16         | 0.01        | 0.02        | 0.02        |
| <b>Total</b> | <b>0.12</b>                                                   | <b>0.50</b>            | <b>5.53</b>  | <b>1.38</b> | <b>2.05</b> | <b>0.39</b>   | <b>15.40</b> | <b>0.11</b> | <b>0.23</b> | <b>0.27</b> |

| Year         | Nonroad Exhaust Emissions - Hazardous Air Pollutant Emissions |             |             |             |             |             |             |             |              |  |
|--------------|---------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--|
|              | Annual Emissions (tons)                                       |             |             |             |             |             |             |             |              |  |
|              | Propionaldehyde                                               | Toluene     | Xylenes     | Arsenic     | Chromium VI | Manganese   | Mercury     | Nickel      | Total HAPs   |  |
| 2026         | 0.18                                                          | 0.19        | 0.14        | <0.01       | <0.01       | <0.01       | <0.01       | <0.01       | 3.64         |  |
| 2027         | 0.88                                                          | 0.81        | 0.65        | <0.01       | <0.01       | <0.01       | <0.01       | <0.01       | 16.30        |  |
| 2028         | 0.42                                                          | 0.43        | 0.33        | <0.01       | <0.01       | <0.01       | <0.01       | <0.01       | 8.21         |  |
| 2029         | 0.11                                                          | 0.12        | 0.08        | <0.01       | <0.01       | <0.01       | <0.01       | <0.01       | 2.28         |  |
| <b>Total</b> | <b>1.60</b>                                                   | <b>1.55</b> | <b>1.21</b> | <b>0.02</b> | <b>0.02</b> | <b>0.02</b> | <b>0.02</b> | <b>0.02</b> | <b>30.42</b> |  |

| Year         | On-Road Tailpipe Emissions - Criteria Pollutants and GHG Emissions |              |                 |             |                  |                   |                 |                 |                  |                   |
|--------------|--------------------------------------------------------------------|--------------|-----------------|-------------|------------------|-------------------|-----------------|-----------------|------------------|-------------------|
|              | Annual Emissions (tons)                                            |              |                 |             |                  |                   |                 |                 |                  |                   |
|              | CO                                                                 | NOx          | SO <sub>2</sub> | VOC         | PM <sub>10</sub> | PM <sub>2.5</sub> | CO <sub>2</sub> | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e |
| 2026         | 0.44                                                               | 0.64         | 0.002           | 0.02        | 0.01             | 0.01              | 645.67          | 0.00            | 0.09             | 670               |
| 2027         | 61.16                                                              | 9.34         | 0.13            | 0.81        | 0.11             | 0.10              | 20,075.34       | 0.23            | 1.15             | 20,386.73         |
| 2028         | 51.48                                                              | 8.17         | 0.11            | 0.69        | 0.09             | 0.08              | 17,954.77       | 0.19            | 1.11             | 18,254.89         |
| 2029         | 9.96                                                               | 2.03         | 0.02            | 0.14        | 0.02             | 0.02              | 4,071.81        | 0.04            | 0.31             | 4,156.22          |
| <b>Total</b> | <b>123.05</b>                                                      | <b>20.18</b> | <b>0.28</b>     | <b>1.65</b> | <b>0.23</b>      | <b>0.21</b>       | <b>42,748</b>   | <b>0.47</b>     | <b>2.67</b>      | <b>43,468</b>     |

| Year         | On-Road Tailpipe Emissions - Hazardous Air Pollutant Emissions |                        |              |             |             |               |              |             |             |             |
|--------------|----------------------------------------------------------------|------------------------|--------------|-------------|-------------|---------------|--------------|-------------|-------------|-------------|
|              | Annual Emissions (tons)                                        |                        |              |             |             |               |              |             |             |             |
|              | 1,3-Butadiene                                                  | 2,2,4-Trimethylpentane | Acetaldehyde | Acrolein    | Benzene     | Ethyl Benzene | Formaldehyde | Hexane      | Naphthalene | PAH         |
| 2026         | <0.01                                                          | <0.01                  | <0.01        | <0.01       | <0.01       | <0.01         | <0.01        | <0.01       | <0.01       | <0.01       |
| 2027         | <0.01                                                          | 0.02                   | 0.01         | <0.01       | 0.01        | 0.01          | 0.02         | 0.02        | <0.01       | <0.01       |
| 2028         | <0.01                                                          | 0.02                   | 0.01         | <0.01       | 0.01        | 0.01          | 0.01         | 0.02        | <0.01       | <0.01       |
| 2029         | <0.01                                                          | <0.01                  | <0.01        | <0.01       | <0.01       | <0.01         | <0.01        | <0.01       | <0.01       | <0.01       |
| <b>Total</b> | <b>0.04</b>                                                    | <b>0.05</b>            | <b>0.04</b>  | <b>0.04</b> | <b>0.04</b> | <b>0.04</b>   | <b>0.05</b>  | <b>0.05</b> | <b>0.04</b> | <b>0.04</b> |

| Year         | On-Road Tailpipe Emissions - Hazardous Air Pollutant Emissions |             |             |             |             |             |           |             |             |             |
|--------------|----------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-----------|-------------|-------------|-------------|
|              | Annual Emissions (tons)                                        |             |             |             |             |             |           |             |             |             |
|              | Propionaldehyde                                                | Styrene     | Toluene     | Xylenes     | Arsenic     | Chromium VI | Manganese | Mercury     | Nickel      | Total HAPs  |
| 2026         | <0.01                                                          | <0.01       | <0.01       | <0.01       | <0.01       | <0.01       | -         | <0.01       | <0.01       | 0.19        |
| 2027         | <0.01                                                          | <0.01       | 0.08        | 0.05        | <0.01       | <0.01       | -         | <0.01       | <0.01       | 0.31        |
| 2028         | 0.01                                                           | 0.02        | <0.01       | 0.01        | <0.01       | <0.01       | -         | <0.01       | <0.01       | 0.19        |
| 2029         | <0.01                                                          | <0.01       | <0.01       | <0.01       | <0.01       | <0.01       | -         | <0.01       | <0.01       | 0.18        |
| <b>Total</b> | <b>0.03</b>                                                    | <b>0.04</b> | <b>0.10</b> | <b>0.06</b> | <b>0.03</b> | <b>0.03</b> | <b>-</b>  | <b>0.03</b> | <b>0.03</b> | <b>0.87</b> |

| Year         | Marine Vessels - Criteria Pollutants and GHG Emissions |              |                 |             |                  |                   |                 |                 |                  |                   |
|--------------|--------------------------------------------------------|--------------|-----------------|-------------|------------------|-------------------|-----------------|-----------------|------------------|-------------------|
|              | Annual Emissions (tons)                                |              |                 |             |                  |                   |                 |                 |                  |                   |
|              | CO                                                     | NOx          | SO <sub>2</sub> | VOC         | PM <sub>10</sub> | PM <sub>2.5</sub> | CO <sub>2</sub> | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e |
| 2026         | 0.70                                                   | 4.21         | 0.00            | 0.22        | 0.12             | 0.12              | 296.77          | 0.00            | 0.01             | 301               |
| 2027         | 2.34                                                   | 14.37        | 0.01            | 0.62        | 0.40             | 0.38              | 989             | 0.01            | 0.05             | 1,002             |
| 2028         | 3.37                                                   | 20.36        | 0.01            | 1.00        | 0.59             | 0.56              | 1,424           | 0.02            | 0.07             | 1,443             |
| 2029         | 1.41                                                   | 8.43         | 0.01            | 0.43        | 0.25             | 0.23              | 594             | 0.01            | 0.03             | 601               |
| <b>Total</b> | <b>8.18</b>                                            | <b>49.63</b> | <b>0.04</b>     | <b>2.33</b> | <b>1.41</b>      | <b>1.34</b>       | <b>3,452</b>    | <b>0.06</b>     | <b>0.16</b>      | <b>3,497</b>      |

| Year         | Marine Vessels - Hazardous Air Pollutant Emissions |                        |              |             |             |               |              |             |             |             |
|--------------|----------------------------------------------------|------------------------|--------------|-------------|-------------|---------------|--------------|-------------|-------------|-------------|
|              | Annual Emissions (tons)                            |                        |              |             |             |               |              |             |             |             |
|              | 1,3-Butadiene                                      | 2,2,4-Trimethylpentane | Acetaldehyde | Acrolein    | Benzene     | Ethyl Benzene | Formaldehyde | Hexane      | Naphthalene | PAH         |
| 2026         | <0.01                                              | <0.01                  | <0.01        | <0.01       | <0.01       | <0.01         | 0.01         | <0.01       | 0.01        | 0.01        |
| 2027         | <0.01                                              | <0.01                  | 0.01         | <0.01       | <0.01       | <0.01         | 0.03         | <0.01       | 0.02        | 0.02        |
| 2028         | <0.01                                              | 0.01                   | 0.01         | <0.01       | <0.01       | <0.01         | 0.04         | <0.01       | 0.03        | 0.03        |
| 2029         | <0.01                                              | 0.00                   | 0.00         | 0.00        | 0.00        | <0.01         | 0.02         | <0.01       | 0.01        | 0.01        |
| <b>Total</b> | <b>0.04</b>                                        | <b>0.04</b>            | <b>0.04</b>  | <b>0.04</b> | <b>0.04</b> | <b>0.04</b>   | <b>0.10</b>  | <b>0.04</b> | <b>0.07</b> | <b>0.08</b> |

**Table 9.B.1.34 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**Construction Emissions Totals**  
**(Continued)**

| Marine Vessels - Hazardous Air Pollutant Emissions |                           |                 |             |             |             |             |             |               |             |             |
|----------------------------------------------------|---------------------------|-----------------|-------------|-------------|-------------|-------------|-------------|---------------|-------------|-------------|
| Year                                               | Annual Emissions (tons)   |                 |             |             |             |             |             |               |             |             |
|                                                    | Polychlorinated Biphenyls | Propionaldehyde | Toluene     | Xylenes     | Antimony    | Arsenic     | Cadmium     | Chromium (VI) | Manganese   | Mercury     |
| 2026                                               | <0.01                     | <0.01           | <0.01       | <0.01       | <0.01       | <0.01       | <0.01       | <0.01         | <0.01       | <0.01       |
| 2027                                               | <0.01                     | <0.01           | <0.01       | <0.01       | <0.01       | <0.01       | <0.01       | <0.01         | <0.01       | <0.01       |
| 2028                                               | <0.01                     | <0.01           | <0.01       | <0.01       | <0.01       | <0.01       | <0.01       | <0.01         | <0.01       | <0.01       |
| 2029                                               | <0.01                     | <0.01           | <0.01       | <0.01       | <0.01       | <0.01       | <0.01       | <0.01         | <0.01       | <0.01       |
| <b>Total</b>                                       | <b>0.04</b>               | <b>0.04</b>     | <b>0.04</b> | <b>0.04</b> | <b>0.04</b> | <b>0.04</b> | <b>0.04</b> | <b>0.04</b>   | <b>0.04</b> | <b>0.04</b> |

| Marine Vessels - Hazardous Air Pollutant Emissions |                         |             |             |             |
|----------------------------------------------------|-------------------------|-------------|-------------|-------------|
| Year                                               | Annual Emissions (tons) |             |             |             |
|                                                    | Nickel                  | Lead        | Selenium    | Total HAPs  |
| 2026                                               | <0.01                   | <0.01       | <0.01       | <b>0.22</b> |
| 2027                                               | <0.01                   | <0.01       | <0.01       | <b>0.26</b> |
| 2028                                               | <0.01                   | <0.01       | <0.01       | <b>0.30</b> |
| 2029                                               | <0.01                   | <0.01       | <0.01       | <b>0.25</b> |
| <b>Total</b>                                       | <b>0.04</b>             | <b>0.04</b> | <b>0.04</b> | <b>1.04</b> |

| Fugitive Dust - Criteria Pollutants and GHG Emissions |                         |     |                 |     |                  |                   |                 |                 |                  |                   |
|-------------------------------------------------------|-------------------------|-----|-----------------|-----|------------------|-------------------|-----------------|-----------------|------------------|-------------------|
| Year                                                  | Annual Emissions (tons) |     |                 |     |                  |                   |                 |                 |                  |                   |
|                                                       | CO                      | NOx | SO <sub>2</sub> | VOC | PM <sub>10</sub> | PM <sub>2.5</sub> | CO <sub>2</sub> | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e |
| 2026                                                  | -                       | -   | -               | -   | 7.17             | 0.97              | -               | -               | -                | -                 |
| 2027                                                  | -                       | -   | -               | -   | 132.14           | 18.28             | -               | -               | -                | -                 |
| 2028                                                  | -                       | -   | -               | -   | 143.89           | 18.80             | -               | -               | -                | -                 |
| 2029                                                  | -                       | -   | -               | -   | 20.23            | 2.87              | -               | -               | -                | -                 |
| <b>Total</b>                                          | -                       | -   | -               | -   | <b>303.44</b>    | <b>40.92</b>      | -               | -               | -                | -                 |

| Marine Unloading Conveyor - Criteria Pollutants and GHG Emissions |                         |     |                 |     |                  |                   |                 |                 |                  |                   |
|-------------------------------------------------------------------|-------------------------|-----|-----------------|-----|------------------|-------------------|-----------------|-----------------|------------------|-------------------|
| Year                                                              | Annual Emissions (tons) |     |                 |     |                  |                   |                 |                 |                  |                   |
|                                                                   | CO                      | NOx | SO <sub>2</sub> | VOC | PM <sub>10</sub> | PM <sub>2.5</sub> | CO <sub>2</sub> | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e |
| 2026                                                              | -                       | -   | -               | -   | <0.01            | <0.01             | -               | -               | -                | -                 |
| 2027                                                              | -                       | -   | -               | -   | 0.03             | 0.01              | -               | -               | -                | -                 |
| 2028                                                              | -                       | -   | -               | -   | 0.02             | <0.01             | -               | -               | -                | -                 |
| 2029                                                              | -                       | -   | -               | -   | <0.01            | <0.01             | -               | -               | -                | -                 |
| <b>Total</b>                                                      | -                       | -   | -               | -   | <b>0.07</b>      | <b>0.04</b>       | -               | -               | -                | -                 |

| Marine Unloading Storage Piles - Criteria Pollutants and GHG Emissions |                         |     |                 |     |                  |                   |                 |                 |                  |                   |
|------------------------------------------------------------------------|-------------------------|-----|-----------------|-----|------------------|-------------------|-----------------|-----------------|------------------|-------------------|
| Year                                                                   | Annual Emissions (tons) |     |                 |     |                  |                   |                 |                 |                  |                   |
|                                                                        | CO                      | NOx | SO <sub>2</sub> | VOC | PM <sub>10</sub> | PM <sub>2.5</sub> | CO <sub>2</sub> | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e |
| 2026                                                                   | -                       | -   | -               | -   | <0.01            | <0.01             | -               | -               | -                | -                 |
| 2027                                                                   | -                       | -   | -               | -   | 0.01             | <0.01             | -               | -               | -                | -                 |
| 2028                                                                   | -                       | -   | -               | -   | 0.01             | <0.01             | -               | -               | -                | -                 |
| 2029                                                                   | -                       | -   | -               | -   | <0.01            | <0.01             | -               | -               | -                | -                 |
| <b>Total</b>                                                           | -                       | -   | -               | -   | <b>0.04</b>      | <b>0.04</b>       | -               | -               | -                | -                 |

| Concrete Batch Plants - Criteria Pollutants and GHG Emissions |                         |              |                 |              |                  |                   |                 |                 |                  |                   |
|---------------------------------------------------------------|-------------------------|--------------|-----------------|--------------|------------------|-------------------|-----------------|-----------------|------------------|-------------------|
| Year                                                          | Annual Emissions (tons) |              |                 |              |                  |                   |                 |                 |                  |                   |
|                                                               | CO                      | NOx          | SO <sub>2</sub> | VOC          | PM <sub>10</sub> | PM <sub>2.5</sub> | CO <sub>2</sub> | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e |
| 2026                                                          | 26.15                   | 2.84         | 0.04            | 1.35         | 3.58             | 0.58              | -               | -               | -                | -                 |
| 2027                                                          | 52.30                   | 5.69         | 0.08            | 2.69         | 7.15             | 1.15              | -               | -               | -                | -                 |
| 2028                                                          | 78.45                   | 8.53         | 0.12            | 4.04         | 10.73            | 1.73              | -               | -               | -                | -                 |
| 2029                                                          | 52.30                   | 5.69         | 0.08            | 2.69         | 7.15             | 1.15              | -               | -               | -                | -                 |
| <b>Total</b>                                                  | <b>209.20</b>           | <b>22.75</b> | <b>0.32</b>     | <b>10.77</b> | <b>28.61</b>     | <b>4.61</b>       | -               | -               | -                | -                 |

| Concrete Batch Plants - Hazardous Air Pollutant Emissions |                         |                        |              |          |             |               |              |        |             |     |
|-----------------------------------------------------------|-------------------------|------------------------|--------------|----------|-------------|---------------|--------------|--------|-------------|-----|
| Year                                                      | Annual Emissions (tons) |                        |              |          |             |               |              |        |             |     |
|                                                           | 1,3-Butadiene           | 2,2,4-Trimethylpentane | Acetaldehyde | Acrolein | Benzene     | Ethyl Benzene | Formaldehyde | Hexane | Naphthalene | PAH |
| 2026                                                      | -                       | -                      | -            | -        | 0.02        | -             | <0.01        | -      | -           | -   |
| 2027                                                      | -                       | -                      | -            | -        | 0.04        | -             | 0.01         | -      | -           | -   |
| 2028                                                      | -                       | -                      | -            | -        | 0.06        | -             | 0.01         | -      | -           | -   |
| 2029                                                      | -                       | -                      | -            | -        | 0.04        | -             | 0.01         | -      | -           | -   |
| <b>Total</b>                                              | -                       | -                      | -            | -        | <b>0.16</b> | -             | <b>0.03</b>  | -      | -           | -   |

| Concrete Batch Plants - Hazardous Air Pollutant Emissions |                         |         |         |         |         |           |         |             |      |           |
|-----------------------------------------------------------|-------------------------|---------|---------|---------|---------|-----------|---------|-------------|------|-----------|
| Year                                                      | Annual Emissions (tons) |         |         |         |         |           |         |             |      |           |
|                                                           | Propionaldehyde         | Styrene | Toluene | Xylenes | Arsenic | Beryllium | Cadmium | Chromium VI | Lead | Manganese |
| 2026                                                      | -                       | -       | -       | -       | -       | -         | -       | -           | -    | -         |
| 2027                                                      | -                       | -       | -       | -       | -       | -         | -       | -           | -    | -         |
| 2028                                                      | -                       | -       | -       | -       | -       | -         | -       | -           | -    | -         |
| 2029                                                      | -                       | -       | -       | -       | -       | -         | -       | -           | -    | -         |
| <b>Total</b>                                              | -                       | -       | -       | -       | -       | -         | -       | -           | -    | -         |

**Table 9.B.1.34 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**Construction Emissions Totals**  
**(Continued)**

| Concrete Batch Plants - Hazardous Air Pollutant Emissions |                         |        |             |          |            |
|-----------------------------------------------------------|-------------------------|--------|-------------|----------|------------|
| Year                                                      | Annual Emissions (tons) |        |             |          |            |
|                                                           | Mercury                 | Nickel | Phosphorous | Selenium | Total HAPs |
| 2026                                                      | -                       | -      | -           | -        | 0.03       |
| 2027                                                      | -                       | -      | -           | -        | 0.05       |
| 2028                                                      | -                       | -      | -           | -        | 0.07       |
| 2029                                                      | -                       | -      | -           | -        | 0.05       |
| <b>Total</b>                                              | -                       | -      | -           | -        | 0.19       |

| Wind Erosion - Criteria Pollutants and GHG Emissions |                         |     |                 |     |                  |                   |                 |                 |                  |                   |
|------------------------------------------------------|-------------------------|-----|-----------------|-----|------------------|-------------------|-----------------|-----------------|------------------|-------------------|
| Year                                                 | Annual Emissions (tons) |     |                 |     |                  |                   |                 |                 |                  |                   |
|                                                      | CO                      | NOx | SO <sub>2</sub> | VOC | PM <sub>10</sub> | PM <sub>2.5</sub> | CO <sub>2</sub> | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e |
| 2026                                                 | -                       | -   | -               | -   | 5.89             | 5.29              | -               | -               | -                | -                 |
| 2027                                                 | -                       | -   | -               | -   | 5.89             | 5.29              | -               | -               | -                | -                 |
| 2028                                                 | -                       | -   | -               | -   | 5.89             | 5.29              | -               | -               | -                | -                 |
| 2029                                                 | -                       | -   | -               | -   | 5.89             | 5.29              | -               | -               | -                | -                 |
| <b>Total</b>                                         | -                       | -   | -               | -   | 23.58            | 21.18             | -               | -               | -                | -                 |

| Dredging - Criteria Pollutants and GHG Emissions |                         |        |                 |      |                  |                   |                 |                 |                  |                   |
|--------------------------------------------------|-------------------------|--------|-----------------|------|------------------|-------------------|-----------------|-----------------|------------------|-------------------|
| Year                                             | Annual Emissions (tons) |        |                 |      |                  |                   |                 |                 |                  |                   |
|                                                  | CO                      | NOx    | SO <sub>2</sub> | VOC  | PM <sub>10</sub> | PM <sub>2.5</sub> | CO <sub>2</sub> | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e |
| 2026                                             | 0.00                    | 0.00   | 0.00            | 0.00 | 0.00             | 0.00              | 0.00            | 0.00            | 0.00             | 0.00              |
| 2027                                             | 44.98                   | 232.50 | 0.31            | 6.11 | 4.06             | 3.94              | 33,264.29       | 1.16            | 1.63             | 33,778.06         |
| 2028                                             | 0.00                    | 0.00   | 0.00            | 0.00 | 0.00             | 0.00              | 0.00            | 0.00            | 0.00             | 0.00              |
| 2029                                             | 0.00                    | 0.00   | 0.00            | 0.00 | 0.00             | 0.00              | 0.00            | 0.00            | 0.00             | 0.00              |
| <b>Total</b>                                     | 44.98                   | 232.50 | 0.31            | 6.11 | 4.06             | 3.94              | 33,264.29       | 1.16            | 1.63             | 33,778.06         |

| Dredging - Hazardous Air Pollutant Emissions |                         |                        |              |          |         |               |              |        |             |      |
|----------------------------------------------|-------------------------|------------------------|--------------|----------|---------|---------------|--------------|--------|-------------|------|
| Year                                         | Annual Emissions (tons) |                        |              |          |         |               |              |        |             |      |
|                                              | 1,3-Butadiene           | 2,2,4-Trimethylpentane | Acetaldehyde | Acrolein | Benzene | Ethyl Benzene | Formaldehyde | Hexane | Naphthalene | PAH  |
| 2026                                         | 0.00                    | 0.00                   | 0.00         | 0.00     | 0.00    | 0.00          | 0.00         | 0.00   | 0.00        | 0.00 |
| 2027                                         | 0.01                    | 0.04                   | 0.06         | 0.01     | 0.03    | 0.00          | 0.26         | 0.02   | 0.19        | 0.20 |
| 2028                                         | 0.00                    | 0.00                   | 0.00         | 0.00     | 0.00    | 0.00          | 0.00         | 0.00   | 0.00        | 0.00 |
| 2029                                         | 0.00                    | 0.00                   | 0.00         | 0.00     | 0.00    | 0.00          | 0.00         | 0.00   | 0.00        | 0.00 |
| <b>Total</b>                                 | 0.01                    | 0.04                   | 0.06         | 0.01     | 0.03    | 0.01          | 0.26         | 0.02   | 0.19        | 0.20 |

| Dredging - Hazardous Air Pollutant Emissions |                           |                 |          |          |          |          |          |               |           |          |
|----------------------------------------------|---------------------------|-----------------|----------|----------|----------|----------|----------|---------------|-----------|----------|
| Year                                         | Annual Emissions (tons)   |                 |          |          |          |          |          |               |           |          |
|                                              | Polychlorinated Biphenyls | Propionaldehyde | Toluene  | Xylenes  | Antimony | Arsenic  | Cadmium  | Chromium (VI) | Manganese | Mercury  |
| 2026                                         | 0.00                      | 0.00            | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00          | 0.00      | 0.00     |
| 2027                                         | 1.65E-06                  | 9.27E-03        | 1.24E-02 | 8.69E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00      | 0.00E+00  | 0.00E+00 |
| 2028                                         | 0.00                      | 0.00            | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00          | 0.00      | 0.00     |
| 2029                                         | 0.00                      | 0.00            | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00          | 0.00      | 0.00     |
| <b>Total</b>                                 | 0.01                      | 0.01            | 0.01     | 0.01     | 0.00     | 0.00     | 0.00     | 0.00          | 0.00      | 0.00     |

| Dredging - Hazardous Air Pollutant Emissions |                         |          |          |            |
|----------------------------------------------|-------------------------|----------|----------|------------|
| Year                                         | Annual Emissions (tons) |          |          |            |
|                                              | Nickel                  | Lead     | Selenium | Total HAPs |
| 2026                                         | 0.00                    | 0.00     | 0.00     | 0.00       |
| 2027                                         | 0.00E+00                | 0.00E+00 | 0.00E+00 | 0.87       |
| 2028                                         | 0.00                    | 0.00     | 0.00     | 0.00       |
| 2029                                         | 0.00                    | 0.00     | 0.00     | 0.00       |
| <b>Total</b>                                 | 0.00                    | 0.00     | 0.00     | 0.87       |

| Totals - Criteria and GHG Emissions |                         |          |                 |       |                  |                   |                 |                 |                  |                   |
|-------------------------------------|-------------------------|----------|-----------------|-------|------------------|-------------------|-----------------|-----------------|------------------|-------------------|
| Year                                | Annual Emissions (tons) |          |                 |       |                  |                   |                 |                 |                  |                   |
|                                     | CO                      | NOx      | SO <sub>2</sub> | VOC   | PM <sub>10</sub> | PM <sub>2.5</sub> | CO <sub>2</sub> | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e |
| 2026                                | 57.24                   | 132.90   | 0.18            | 9.22  | 21.86            | 11.91             | 43,189          | 0.35            | 1.89             | 43,698            |
| 2027                                | 290.51                  | 866.08   | 0.97            | 45.61 | 172.57           | 51.24             | 206,360         | 2.65            | 9.23             | 208,930           |
| 2028                                | 199.37                  | 340.31   | 0.52            | 23.28 | 172.63           | 37.56             | 115,004         | 0.94            | 5.21             | 116,411           |
| 2029                                | 80.29                   | 93.96    | 0.18            | 8.02  | 36.33            | 12.27             | 27,274          | 0.20            | 1.30             | 27,623            |
| <b>Total</b>                        | 627.41                  | 1,433.24 | 1.85            | 86.13 | 403.40           | 112.98            | 391,827         | 4.14            | 17.62            | 396,661           |

| Totals - Hazardous Air Pollutant Emissions |                         |                        |              |          |         |               |              |        |             |      |
|--------------------------------------------|-------------------------|------------------------|--------------|----------|---------|---------------|--------------|--------|-------------|------|
| Year                                       | Annual Emissions (tons) |                        |              |          |         |               |              |        |             |      |
|                                            | 1,3-Butadiene           | 2,2,4-Trimethylpentane | Acetaldehyde | Acrolein | Benzene | Ethyl Benzene | Formaldehyde | Hexane | Naphthalene | PAH  |
| 2026                                       | 0.03                    | 0.08                   | 0.68         | 0.18     | 0.29    | 0.07          | 1.85         | 0.03   | 0.04        | 0.05 |
| 2027                                       | 0.09                    | 0.34                   | 3.04         | 0.79     | 1.15    | 0.25          | 8.56         | 0.11   | 0.34        | 0.38 |
| 2028                                       | 0.05                    | 0.16                   | 1.52         | 0.39     | 0.64    | 0.12          | 4.23         | 0.05   | 0.10        | 0.12 |
| 2029                                       | 0.03                    | 0.06                   | 0.44         | 0.12     | 0.23    | 0.05          | 1.20         | 0.03   | 0.04        | 0.04 |
| <b>Total</b>                               | 0.20                    | 0.63                   | 5.67         | 1.47     | 2.31    | 0.48          | 15.84        | 0.22   | 0.53        | 0.59 |

**Table 9.B.1.34 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**Construction Emissions Totals**  
**(Continued)**

| Totals - Hazardous Air Pollutant Emissions |                           |                 |             |             |             |             |             |                 |             |             |
|--------------------------------------------|---------------------------|-----------------|-------------|-------------|-------------|-------------|-------------|-----------------|-------------|-------------|
| Year                                       | Annual Emissions (tons)   |                 |             |             |             |             |             |                 |             |             |
|                                            | Polychlorinated Biphenyls | Propionaldehyde | Styrene     | Toluene     | Xylenes     | Antimony    | Arsenic     | Beryllium       | Cadmium     | Chromium VI |
| 2026                                       | 0.01                      | 0.20            | 0.01        | 0.21        | 0.16        | 0.01        | 0.03        | <0.01           | 0.01        | 0.02        |
| 2027                                       | 0.02                      | 0.91            | 0.01        | 0.91        | 0.72        | 0.01        | 0.03        | <0.01           | 0.01        | 0.02        |
| 2028                                       | 0.01                      | 0.44            | 0.02        | 0.45        | 0.34        | 0.01        | 0.02        | <0.01           | 0.01        | 0.01        |
| 2029                                       | 0.01                      | 0.13            | 0.01        | 0.14        | 0.10        | 0.01        | 0.02        | <0.01           | 0.01        | 0.01        |
| <b>Total</b>                               | <b>0.05</b>               | <b>1.68</b>     | <b>0.05</b> | <b>1.72</b> | <b>1.33</b> | <b>0.04</b> | <b>0.10</b> | <b>&lt;0.01</b> | <b>0.04</b> | <b>0.06</b> |

| Totals - Hazardous Air Pollutant Emissions |                         |             |             |             |             |             |              |
|--------------------------------------------|-------------------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Year                                       | Annual Emissions (tons) |             |             |             |             |             |              |
|                                            | Lead                    | Manganese   | Mercury     | Nickel      | Phosphorous | Selenium    | Total HAPs   |
| 2026                                       | 0.01                    | 0.03        | 0.03        | 0.03        | <0.01       | 0.01        | <b>4.08</b>  |
| 2027                                       | 0.01                    | 0.02        | 0.03        | 0.03        | <0.01       | 0.01        | <b>17.78</b> |
| 2028                                       | 0.01                    | 0.01        | 0.02        | 0.02        | <0.01       | 0.01        | <b>8.76</b>  |
| 2029                                       | 0.01                    | 0.01        | 0.02        | 0.02        | <0.01       | 0.01        | <b>2.74</b>  |
| <b>Total</b>                               | <b>0.04</b>             | <b>0.07</b> | <b>0.07</b> | <b>0.07</b> | <b>0.00</b> | <b>0.03</b> | <b>29.28</b> |

**Venture Global CP Express, LLC**  
**Pipeline Systems**

Table 9.B.2.1 - Venture Global CP Express, LLC  
2027 Non-Road Construction Equipment Exhaust Criteria Pollutant  
Emissions

| Calendar Year: 2027                           |        |                              |                    |                          |                                                  |                 |                 |      |                  |                   |                          |                                 |           |                                 |                 |                 |       |                  |                   |
|-----------------------------------------------|--------|------------------------------|--------------------|--------------------------|--------------------------------------------------|-----------------|-----------------|------|------------------|-------------------|--------------------------|---------------------------------|-----------|---------------------------------|-----------------|-----------------|-------|------------------|-------------------|
| Equipment Type                                | Fuel   | Source Category <sup>1</sup> | Engine Rating (hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup> (g/hp-hr) |                 |                 |      |                  |                   | No. of<br>Equipment/ Day | Equipment<br>Operating Duration |           | Pollutant Emissions (tons/year) |                 |                 |       |                  |                   |
|                                               |        |                              |                    |                          | CO                                               | NO <sub>x</sub> | SO <sub>2</sub> | VOC  | PM <sub>10</sub> | PM <sub>2.5</sub> |                          | Hours/Day                       | Days/Year | CO                              | NO <sub>x</sub> | SO <sub>2</sub> | VOC   | PM <sub>10</sub> | PM <sub>2.5</sub> |
| Cranes                                        | Diesel | 2270002045                   | 390                | 43%                      | 0.17                                             | 0.61            | 1.48E-03        | 0.04 | 0.03             | 0.03              | 1                        | 12                              | 156       | 0.06                            | 0.21            | 5.11E-04        | 0.01  | 0.01             | 0.01              |
| Cranes                                        | Diesel | 2270002045                   | 267                | 43%                      | 0.05                                             | 0.23            | 1.42E-03        | 0.02 | 0.01             | 0.01              | 2                        | 12                              | 156       | 0.03                            | 0.11            | 6.72E-04        | 0.01  | 0.01             | 0.01              |
| Crawler Tractor/Dozers                        | Diesel | 2270002069                   | 238                | 59%                      | 0.03                                             | 0.14            | 1.42E-03        | 0.01 | 0.01             | 0.01              | 1                        | 12                              | 156       | 0.01                            | 0.04            | 4.11E-04        | 0.003 | 0.003            | 0.003             |
| Crawler Tractor/Dozers                        | Diesel | 2270002069                   | 394                | 59%                      | 0.12                                             | 0.33            | 1.45E-03        | 0.02 | 0.02             | 0.02              | 3                        | 12                              | 156       | 0.18                            | 0.47            | 2.09E-03        | 0.03  | 0.03             | 0.03              |
| Crawler Tractor/Dozers                        | Diesel | 2270002069                   | 410                | 59%                      | 0.12                                             | 0.33            | 1.45E-03        | 0.02 | 0.02             | 0.02              | 3                        | 12                              | 156       | 0.18                            | 0.49            | 2.17E-03        | 0.03  | 0.04             | 0.03              |
| Crawler Tractor/Dozers                        | Diesel | 2270002069                   | 335                | 59%                      | 0.12                                             | 0.33            | 1.45E-03        | 0.02 | 0.02             | 0.02              | 2                        | 12                              | 156       | 0.10                            | 0.27            | 1.18E-03        | 0.02  | 0.02             | 0.02              |
| Excavators                                    | Diesel | 2270002036                   | 311                | 59%                      | 0.07                                             | 0.22            | 1.43E-03        | 0.02 | 0.02             | 0.02              | 4                        | 12                              | 156       | 0.11                            | 0.34            | 2.17E-03        | 0.02  | 0.02             | 0.02              |
| Excavators                                    | Diesel | 2270002036                   | 345                | 59%                      | 0.07                                             | 0.22            | 1.43E-03        | 0.02 | 0.02             | 0.02              | 4                        | 12                              | 156       | 0.12                            | 0.38            | 2.41E-03        | 0.03  | 0.03             | 0.03              |
| Excavators                                    | Diesel | 2270002036                   | 950                | 59%                      | 0.16                                             | 2.33            | 1.45E-03        | 0.05 | 0.03             | 0.03              | 1                        | 12                              | 156       | 0.19                            | 2.69            | 1.68E-03        | 0.06  | 0.04             | 0.04              |
| Excavators                                    | Diesel | 2270002036                   | 236                | 59%                      | 0.03                                             | 0.13            | 1.42E-03        | 0.01 | 0.01             | 0.01              | 2                        | 12                              | 156       | 0.02                            | 0.07            | 8.14E-04        | 0.01  | 0.004            | 0.004             |
| Generator Sets                                | Diesel | 2270006005                   | 15                 | 43%                      | 1.61                                             | 3.88            | 2.17E-03        | 0.39 | 0.19             | 0.19              | 4                        | 12                              | 156       | 0.09                            | 0.21            | 1.15E-04        | 0.02  | 0.01             | 0.01              |
| Other Construction Equipment                  | Diesel | 2270002081                   | 500                | 59%                      | 0.40                                             | 0.91            | 1.53E-03        | 0.06 | 0.06             | 0.06              | 1                        | 12                              | 156       | 0.24                            | 0.55            | 9.34E-04        | 0.04  | 0.04             | 0.04              |
| Pumps                                         | Diesel | 2270006010                   | 600                | 43%                      | 0.37                                             | 1.33            | 1.55E-03        | 0.08 | 0.06             | 0.05              | 1                        | 12                              | 156       | 0.20                            | 0.71            | 8.27E-04        | 0.04  | 0.03             | 0.03              |
| Tractors/Loaders/Backhoes                     | Diesel | 2270002066                   | 600                | 21%                      | 0.55                                             | 1.04            | 1.79E-03        | 0.14 | 0.12             | 0.11              | 1                        | 12                              | 156       | 0.14                            | 0.27            | 4.65E-04        | 0.04  | 0.03             | 0.03              |
| Tractors/Loaders/Backhoes                     | Diesel | 2270002066                   | 300                | 21%                      | 0.55                                             | 1.04            | 1.79E-03        | 0.14 | 0.12             | 0.11              | 2                        | 12                              | 156       | 0.14                            | 0.27            | 4.65E-04        | 0.04  | 0.03             | 0.03              |
| Trenchers                                     | Diesel | 2270002030                   | 600                | 59%                      | 0.45                                             | 1.00            | 1.55E-03        | 0.06 | 0.07             | 0.07              | 1                        | 12                              | 156       | 0.33                            | 0.73            | 1.13E-03        | 0.05  | 0.05             | 0.05              |
| Welders                                       | Diesel | 2270006025                   | 58                 | 21%                      | 2.03                                             | 3.44            | 2.11E-03        | 0.39 | 0.26             | 0.25              | 2                        | 12                              | 156       | 0.10                            | 0.17            | 1.06E-04        | 0.02  | 0.01             | 0.01              |
| Total                                         |        |                              |                    |                          |                                                  |                 |                 |      |                  |                   |                          |                                 |           | 2.24                            | 7.98            | 0.02            | 0.46  | 0.41             | 0.40              |
| 1. Based on EPA MOVES5.0.0.                   |        |                              |                    |                          |                                                  |                 |                 |      |                  |                   |                          |                                 |           |                                 |                 |                 |       |                  |                   |
| 2. EPA MOVES5.0.0 run for calendar year 2027. |        |                              |                    |                          |                                                  |                 |                 |      |                  |                   |                          |                                 |           |                                 |                 |                 |       |                  |                   |

Table 9.B.2.2 - Venture Global CP Express, LLC  
2027 Non-Road Construction Equipment Exhaust Greenhouse Gas  
Emissions

| Calendar Year: 2027                                                                                                                                                       |        |                              |                       |                          |                                                     |                 |                  |                          |                                 |           |                                 |                 |                  |                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------|-----------------------|--------------------------|-----------------------------------------------------|-----------------|------------------|--------------------------|---------------------------------|-----------|---------------------------------|-----------------|------------------|--------------------------------|
| Equipment Type                                                                                                                                                            | Fuel   | Source Category <sup>1</sup> | Engine Rating<br>(hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup><br>(g/hp-hr) |                 |                  | No. of Equipment<br>/Day | Equipment<br>Operating Duration |           | Pollutant Emissions (tons/year) |                 |                  |                                |
|                                                                                                                                                                           |        |                              |                       |                          | CO <sub>2</sub>                                     | CH <sub>4</sub> | N <sub>2</sub> O |                          | Hours/Day                       | Days/Year | CO <sub>2</sub>                 | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e <sup>3</sup> |
| Cranes                                                                                                                                                                    | Diesel | 2270002045                   | 390                   | 43%                      | 530.94                                              | 2.86E-03        | 0.05             | 1                        | 12                              | 156       | 184                             | 9.91E-04        | 1.71E-02         | 188                            |
| Cranes                                                                                                                                                                    | Diesel | 2270002045                   | 267                   | 43%                      | 530.99                                              | 1.13E-03        | 0.05             | 2                        | 12                              | 156       | 252                             | 5.34E-04        | 2.33E-02         | 258                            |
| Crawler Tractor/Dozers                                                                                                                                                    | Diesel | 2270002069                   | 238                   | 59%                      | 536.80                                              | 5.95E-04        | 0.05             | 1                        | 12                              | 156       | 156                             | 1.73E-04        | 1.44E-02         | 159                            |
| Crawler Tractor/Dozers                                                                                                                                                    | Diesel | 2270002069                   | 394                   | 59%                      | 536.77                                              | 1.67E-03        | 0.05             | 3                        | 12                              | 156       | 772                             | 2.41E-03        | 7.17E-02         | 792                            |
| Crawler Tractor/Dozers                                                                                                                                                    | Diesel | 2270002069                   | 410                   | 59%                      | 536.77                                              | 1.67E-03        | 0.05             | 3                        | 12                              | 156       | 804                             | 2.51E-03        | 7.46E-02         | 824                            |
| Crawler Tractor/Dozers                                                                                                                                                    | Diesel | 2270002069                   | 335                   | 59%                      | 536.77                                              | 1.67E-03        | 0.05             | 2                        | 12                              | 156       | 438                             | 1.37E-03        | 4.06E-02         | 449                            |
| Excavators                                                                                                                                                                | Diesel | 2270002036                   | 311                   | 59%                      | 536.78                                              | 1.08E-03        | 0.05             | 4                        | 12                              | 156       | 813                             | 1.64E-03        | 7.54E-02         | 833                            |
| Excavators                                                                                                                                                                | Diesel | 2270002036                   | 345                   | 59%                      | 536.78                                              | 1.08E-03        | 0.05             | 4                        | 12                              | 156       | 902                             | 1.82E-03        | 8.37E-02         | 924                            |
| Excavators                                                                                                                                                                | Diesel | 2270002036                   | 950                   | 59%                      | 536.70                                              | 4.16E-03        | 0.05             | 1                        | 12                              | 156       | 621                             | 4.81E-03        | 5.76E-02         | 636                            |
| Excavators                                                                                                                                                                | Diesel | 2270002036                   | 236                   | 59%                      | 536.80                                              | 4.76E-04        | 0.05             | 2                        | 12                              | 156       | 308                             | 2.74E-04        | 2.86E-02         | 316                            |
| Generator Sets                                                                                                                                                            | Diesel | 2270006005                   | 15                    | 43%                      | 589.24                                              | 0.03            | 0.04             | 4                        | 12                              | 156       | 31                              | 1.69E-03        | 1.92E-03         | 32                             |
| Other Construction Equipment                                                                                                                                              | Diesel | 2270002081                   | 500                   | 59%                      | 536.66                                              | 3.76E-03        | 0.05             | 1                        | 12                              | 156       | 327                             | 2.29E-03        | 3.03E-02         | 335                            |
| Pumps                                                                                                                                                                     | Diesel | 2270006010                   | 600                   | 43%                      | 530.82                                              | 4.82E-03        | 0.03             | 1                        | 12                              | 156       | 283                             | 2.56E-03        | 1.73E-02         | 287                            |
| Tractors/Loaders/Backhoes                                                                                                                                                 | Diesel | 2270002066                   | 600                   | 21%                      | 626.13                                              | 0.01            | 0.06             | 1                        | 12                              | 156       | 163                             | 2.21E-03        | 1.51E-02         | 167                            |
| Tractors/Loaders/Backhoes                                                                                                                                                 | Diesel | 2270002066                   | 300                   | 21%                      | 626.13                                              | 0.01            | 0.06             | 2                        | 12                              | 156       | 163                             | 2.21E-03        | 1.51E-02         | 167                            |
| Trenchers                                                                                                                                                                 | Diesel | 2270002030                   | 600                   | 59%                      | 536.65                                              | 4.14E-03        | 0.05             | 1                        | 12                              | 156       | 392                             | 3.03E-03        | 3.64E-02         | 402                            |
| Welders                                                                                                                                                                   | Diesel | 2270006025                   | 58                    | 21%                      | 694.88                                              | 0.02            | 0.04             | 2                        | 12                              | 156       | 35                              | 1.13E-03        | 2.14E-03         | 36                             |
| Total                                                                                                                                                                     |        |                              |                       |                          |                                                     |                 |                  |                          |                                 |           | 6,642                           | 0.03            | 0.61             | 6,804                          |
| 1. Based on EPA MOVES5.0.0.                                                                                                                                               |        |                              |                       |                          |                                                     |                 |                  |                          |                                 |           |                                 |                 |                  |                                |
| 2. EPA MOVES5.0.0 run for calendar year 2027.                                                                                                                             |        |                              |                       |                          |                                                     |                 |                  |                          |                                 |           |                                 |                 |                  |                                |
| 3. The global warming potentials of CO <sub>2</sub> , CH <sub>4</sub> , and N <sub>2</sub> O are 1, 28, and 265, respectively, based on 40 CFR 98, Table A-1 (Apr. 2024). |        |                              |                       |                          |                                                     |                 |                  |                          |                                 |           |                                 |                 |                  |                                |

Table 9.B.2.3 - Venture Global CP Express, LLC  
2027 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions

| Calendar Year: 2027                                                                                                                                               |        |                              |                    |                          |                                                  |                        |              |          |                       |                              |           |                                 |                        |              |          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------|--------------------|--------------------------|--------------------------------------------------|------------------------|--------------|----------|-----------------------|------------------------------|-----------|---------------------------------|------------------------|--------------|----------|
| Equipment Type                                                                                                                                                    | Fuel   | Source Category <sup>1</sup> | Engine Rating (hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup> (g/hp-hr) |                        |              |          | No. of Equipment /Day | Equipment Operating Duration |           | Pollutant Emissions (tons/year) |                        |              |          |
|                                                                                                                                                                   |        |                              |                    |                          | 1,3-Butadiene                                    | 2,2,4-Trimethylpentane | Acetaldehyde | Acrolein |                       | Hours/Day                    | Days/Year | 1,3-Butadiene                   | 2,2,4-Trimethylpentane | Acetaldehyde | Acrolein |
| Cranes                                                                                                                                                            | Diesel | 2270002045                   | 390                | 43%                      | 6.03E-05                                         | 2.71E-04               | 3.43E-03     | 6.13E-04 | 1                     | 12                           | 156       | 2.09E-05                        | 9.38E-05               | 1.19E-03     | 2.12E-04 |
| Cranes                                                                                                                                                            | Diesel | 2270002045                   | 267                | 43%                      | 2.20E-05                                         | 1.16E-04               | 1.44E-03     | 2.39E-04 | 2                     | 12                           | 156       | 1.04E-05                        | 5.49E-05               | 6.81E-04     | 1.13E-04 |
| Crawler Tractor/Dozers                                                                                                                                            | Diesel | 2270002069                   | 238                | 59%                      | 1.18E-05                                         | 7.37E-05               | 8.82E-04     | 1.38E-04 | 1                     | 12                           | 156       | 3.42E-06                        | 2.14E-05               | 2.56E-04     | 4.00E-05 |
| Crawler Tractor/Dozers                                                                                                                                            | Diesel | 2270002069                   | 394                | 59%                      | 3.22E-05                                         | 1.58E-04               | 1.99E-03     | 3.40E-04 | 3                     | 12                           | 156       | 4.63E-05                        | 2.27E-04               | 2.87E-03     | 4.90E-04 |
| Crawler Tractor/Dozers                                                                                                                                            | Diesel | 2270002069                   | 410                | 59%                      | 3.22E-05                                         | 1.58E-04               | 1.99E-03     | 3.40E-04 | 3                     | 12                           | 156       | 4.82E-05                        | 2.36E-04               | 2.99E-03     | 5.09E-04 |
| Crawler Tractor/Dozers                                                                                                                                            | Diesel | 2270002069                   | 335                | 59%                      | 3.22E-05                                         | 1.58E-04               | 1.99E-03     | 3.40E-04 | 2                     | 12                           | 156       | 2.63E-05                        | 1.29E-04               | 1.63E-03     | 2.78E-04 |
| Excavators                                                                                                                                                        | Diesel | 2270002036                   | 311                | 59%                      | 2.06E-05                                         | 1.10E-04               | 1.36E-03     | 2.25E-04 | 4                     | 12                           | 156       | 3.12E-05                        | 1.67E-04               | 2.07E-03     | 3.41E-04 |
| Excavators                                                                                                                                                        | Diesel | 2270002036                   | 345                | 59%                      | 2.06E-05                                         | 1.10E-04               | 1.36E-03     | 2.25E-04 | 4                     | 12                           | 156       | 3.46E-05                        | 1.85E-04               | 2.29E-03     | 3.79E-04 |
| Excavators                                                                                                                                                        | Diesel | 2270002036                   | 950                | 59%                      | 8.87E-05                                         | 3.73E-04               | 4.94E-03     | 8.90E-04 | 1                     | 12                           | 156       | 1.03E-04                        | 4.31E-04               | 5.71E-03     | 1.03E-03 |
| Excavators                                                                                                                                                        | Diesel | 2270002036                   | 236                | 59%                      | 9.74E-06                                         | 6.52E-05               | 7.69E-04     | 1.17E-04 | 2                     | 12                           | 156       | 5.60E-06                        | 3.75E-05               | 4.42E-04     | 6.74E-05 |
| Generator Sets                                                                                                                                                    | Diesel | 2270006005                   | 15                 | 43%                      | 7.29E-04                                         | 3.07E-03               | 3.97E-02     | 7.63E-03 | 4                     | 12                           | 156       | 3.88E-05                        | 1.63E-04               | 2.11E-03     | 4.06E-04 |
| Other Construction Equipment                                                                                                                                      | Diesel | 2270002081                   | 500                | 59%                      | 9.99E-05                                         | 4.35E-04               | 5.28E-03     | 1.09E-03 | 1                     | 12                           | 156       | 6.08E-05                        | 2.65E-04               | 3.22E-03     | 6.61E-04 |
| Pumps                                                                                                                                                             | Diesel | 2270006010                   | 600                | 43%                      | 1.39E-04                                         | 5.96E-04               | 7.03E-03     | 1.57E-03 | 1                     | 12                           | 156       | 7.40E-05                        | 3.17E-04               | 3.74E-03     | 8.37E-04 |
| Tractors/Loaders/Backhoes                                                                                                                                         | Diesel | 2270002066                   | 600                | 21%                      | 2.61E-04                                         | 1.09E-03               | 1.32E-02     | 2.73E-03 | 1                     | 12                           | 156       | 6.77E-05                        | 2.84E-04               | 3.43E-03     | 7.10E-04 |
| Tractors/Loaders/Backhoes                                                                                                                                         | Diesel | 2270002066                   | 300                | 21%                      | 2.61E-04                                         | 1.09E-03               | 1.32E-02     | 2.73E-03 | 2                     | 12                           | 156       | 6.77E-05                        | 2.84E-04               | 3.43E-03     | 7.10E-04 |
| Trenchers                                                                                                                                                         | Diesel | 2270002030                   | 600                | 59%                      | 1.12E-04                                         | 4.85E-04               | 5.89E-03     | 1.23E-03 | 1                     | 12                           | 156       | 8.19E-05                        | 3.54E-04               | 4.30E-03     | 8.96E-04 |
| Welders                                                                                                                                                           | Diesel | 2270006025                   | 58                 | 21%                      | 7.14E-04                                         | 2.97E-03               | 3.48E-02     | 7.98E-03 | 2                     | 12                           | 156       | 3.59E-05                        | 1.49E-04               | 1.75E-03     | 4.01E-04 |
| Total                                                                                                                                                             |        |                              |                    |                          |                                                  |                        |              |          |                       |                              |           | 0.001                           | 3.40E-03               | 0.04         | 0.01     |
| 1. Based on EPA MOVES5.0.0.                                                                                                                                       |        |                              |                    |                          |                                                  |                        |              |          |                       |                              |           |                                 |                        |              |          |
| 2. EPA MOVES5.0.0 run for calendar year 2027. The styrene emissions factor for all nonroad equipment is zero; therefore, styrene is not included in these tables. |        |                              |                    |                          |                                                  |                        |              |          |                       |                              |           |                                 |                        |              |          |

Table 9.B.2.3 - Venture Global CP Express, LLC  
2027 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions  
(Continued)

| Calendar Year: 2027                                                                                                                                               |        |                              |                    |                          |                                                  |               |              |          |             |                      |                              |           |                                 |               |              |          |             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------|--------------------|--------------------------|--------------------------------------------------|---------------|--------------|----------|-------------|----------------------|------------------------------|-----------|---------------------------------|---------------|--------------|----------|-------------|
| Equipment Type                                                                                                                                                    | Fuel   | Source Category <sup>1</sup> | Engine Rating (hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup> (g/hp-hr) |               |              |          |             | No. of Equipment/Day | Equipment Operating Duration |           | Pollutant Emissions (tons/year) |               |              |          |             |
|                                                                                                                                                                   |        |                              |                    |                          | Benzene                                          | Ethyl Benzene | Formaldehyde | Hexane   | Naphthalene |                      | Hours/Day                    | Days/Year | Benzene                         | Ethyl Benzene | Formaldehyde | Hexane   | Naphthalene |
| Cranes                                                                                                                                                            | Diesel | 2270002045                   | 390                | 43%                      | 1.60E-03                                         | 1.92E-04      | 9.26E-03     | 1.88E-05 | 1.48E-04    | 1                    | 12                           | 156       | 5.52E-04                        | 6.64E-05      | 3.21E-03     | 6.51E-06 | 5.13E-05    |
| Cranes                                                                                                                                                            | Diesel | 2270002045                   | 267                | 43%                      | 6.29E-04                                         | 1.12E-04      | 3.58E-03     | 6.11E-06 | 5.87E-05    | 2                    | 12                           | 156       | 2.98E-04                        | 5.29E-05      | 1.70E-03     | 2.89E-06 | 2.78E-05    |
| Crawler Tractor/Dozers                                                                                                                                            | Diesel | 2270002069                   | 238                | 59%                      | 3.43E-04                                         | 9.00E-05      | 2.00E-03     | 4.95E-06 | 3.31E-05    | 1                    | 12                           | 156       | 9.95E-05                        | 2.61E-05      | 5.79E-04     | 1.43E-06 | 9.58E-06    |
| Crawler Tractor/Dozers                                                                                                                                            | Diesel | 2270002069                   | 394                | 59%                      | 9.22E-04                                         | 1.33E-04      | 5.17E-03     | 6.38E-06 | 8.47E-05    | 3                    | 12                           | 156       | 1.33E-03                        | 1.91E-04      | 7.44E-03     | 9.18E-06 | 1.22E-04    |
| Crawler Tractor/Dozers                                                                                                                                            | Diesel | 2270002069                   | 410                | 59%                      | 9.22E-04                                         | 1.33E-04      | 5.17E-03     | 6.38E-06 | 8.47E-05    | 3                    | 12                           | 156       | 1.38E-03                        | 1.99E-04      | 7.74E-03     | 9.55E-06 | 1.27E-04    |
| Crawler Tractor/Dozers                                                                                                                                            | Diesel | 2270002069                   | 335                | 59%                      | 9.22E-04                                         | 1.33E-04      | 5.17E-03     | 6.38E-06 | 8.47E-05    | 2                    | 12                           | 156       | 7.52E-04                        | 1.08E-04      | 4.22E-03     | 5.20E-06 | 6.91E-05    |
| Excavators                                                                                                                                                        | Diesel | 2270002036                   | 311                | 59%                      | 5.96E-04                                         | 1.09E-04      | 3.37E-03     | 5.33E-06 | 5.57E-05    | 4                    | 12                           | 156       | 9.02E-04                        | 1.64E-04      | 5.11E-03     | 8.07E-06 | 8.44E-05    |
| Excavators                                                                                                                                                        | Diesel | 2270002036                   | 345                | 59%                      | 5.96E-04                                         | 1.09E-04      | 3.37E-03     | 5.33E-06 | 5.57E-05    | 4                    | 12                           | 156       | 1.00E-03                        | 1.82E-04      | 5.67E-03     | 8.95E-06 | 9.36E-05    |
| Excavators                                                                                                                                                        | Diesel | 2270002036                   | 950                | 59%                      | 2.55E-03                                         | 2.09E-04      | 1.39E-02     | 2.54E-06 | 2.20E-04    | 1                    | 12                           | 156       | 2.95E-03                        | 2.41E-04      | 1.60E-02     | 2.94E-06 | 2.54E-04    |
| Excavators                                                                                                                                                        | Diesel | 2270002036                   | 236                | 59%                      | 2.83E-04                                         | 8.59E-05      | 1.67E-03     | 4.91E-06 | 2.76E-05    | 2                    | 12                           | 156       | 1.63E-04                        | 4.93E-05      | 9.61E-04     | 2.82E-06 | 1.59E-05    |
| Generator Sets                                                                                                                                                    | Diesel | 2270006005                   | 15                 | 43%                      | 2.00E-02                                         | 1.85E-03      | 1.11E-01     | 8.56E-05 | 1.76E-03    | 4                    | 12                           | 156       | 1.06E-03                        | 9.87E-05      | 5.94E-03     | 4.56E-06 | 9.38E-05    |
| Other Construction Equipment                                                                                                                                      | Diesel | 2270002081                   | 500                | 59%                      | 2.34E-03                                         | 3.17E-04      | 1.45E-02     | 4.88E-05 | 2.26E-04    | 1                    | 12                           | 156       | 1.42E-03                        | 1.93E-04      | 8.83E-03     | 2.97E-05 | 1.38E-04    |
| Pumps                                                                                                                                                             | Diesel | 2270006010                   | 600                | 43%                      | 2.98E-03                                         | 4.47E-04      | 1.95E-02     | 8.60E-05 | 3.04E-04    | 1                    | 12                           | 156       | 1.59E-03                        | 2.38E-04      | 1.04E-02     | 4.58E-05 | 1.62E-04    |
| Tractors/Loaders/Backhoes                                                                                                                                         | Diesel | 2270002066                   | 600                | 21%                      | 5.72E-03                                         | 7.28E-04      | 3.68E-02     | 1.55E-04 | 5.55E-04    | 1                    | 12                           | 156       | 1.49E-03                        | 1.89E-04      | 9.57E-03     | 4.03E-05 | 1.44E-04    |
| Tractors/Loaders/Backhoes                                                                                                                                         | Diesel | 2270002066                   | 300                | 21%                      | 5.72E-03                                         | 7.28E-04      | 3.68E-02     | 1.55E-04 | 5.55E-04    | 2                    | 12                           | 156       | 1.49E-03                        | 1.89E-04      | 9.57E-03     | 4.03E-05 | 1.44E-04    |
| Trenchers                                                                                                                                                         | Diesel | 2270002030                   | 600                | 59%                      | 2.61E-03                                         | 3.53E-04      | 1.62E-02     | 5.43E-05 | 2.53E-04    | 1                    | 12                           | 156       | 1.91E-03                        | 2.58E-04      | 1.18E-02     | 3.97E-05 | 1.85E-04    |
| Welders                                                                                                                                                           | Diesel | 2270006025                   | 58                 | 21%                      | 1.45E-02                                         | 2.11E-03      | 9.77E-02     | 4.99E-04 | 1.50E-03    | 2                    | 12                           | 156       | 7.27E-04                        | 1.06E-04      | 4.91E-03     | 2.51E-05 | -           |
| Total                                                                                                                                                             |        |                              |                    |                          |                                                  |               |              |          |             |                      |                              |           | 0.02                            | 2.55E-03      | 0.11         | 2.83E-04 | 1.72E-03    |
| 1. Based on EPA MOVES5.0.0.                                                                                                                                       |        |                              |                    |                          |                                                  |               |              |          |             |                      |                              |           |                                 |               |              |          |             |
| 2. EPA MOVES5.0.0 run for calendar year 2027. The styrene emissions factor for all nonroad equipment is zero; therefore, styrene is not included in these tables. |        |                              |                    |                          |                                                  |               |              |          |             |                      |                              |           |                                 |               |              |          |             |

Table 9.B.2.3 - Venture Global CP Express, LLC  
2027 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions  
(Continued)

| Calendar Year: 2027                                                                                                                                               |        |                              |                    |                          |                                                  |                 |          |          |                       |                              |           |                                 |                 |          |          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------|--------------------|--------------------------|--------------------------------------------------|-----------------|----------|----------|-----------------------|------------------------------|-----------|---------------------------------|-----------------|----------|----------|
| Equipment Type                                                                                                                                                    | Fuel   | Source Category <sup>1</sup> | Engine Rating (hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup> (g/hp-hr) |                 |          |          | No. of Equipment /Day | Equipment Operating Duration |           | Pollutant Emissions (tons/year) |                 |          |          |
|                                                                                                                                                                   |        |                              |                    |                          | PAH                                              | Propionaldehyde | Toluene  | Xylene   |                       | Hours/Day                    | Days/Year | PAH                             | Propionaldehyde | Toluene  | Xylenes  |
| Cranes                                                                                                                                                            | Diesel | 2270002045                   | 390                | 43%                      | 1.46E-04                                         | 7.95E-04        | 1.22E-03 | 7.70E-04 | 1                     | 12                           | 156       | 5.05E-05                        | 2.75E-04        | 4.24E-04 | 2.66E-04 |
| Cranes                                                                                                                                                            | Diesel | 2270002045                   | 267                | 43%                      | 5.70E-05                                         | 2.81E-04        | 5.37E-04 | 5.74E-04 | 2                     | 12                           | 156       | 2.70E-05                        | 1.33E-04        | 2.54E-04 | 2.72E-04 |
| Crawler Tractor/Dozers                                                                                                                                            | Diesel | 2270002069                   | 238                | 59%                      | 3.23E-05                                         | 1.55E-04        | 3.38E-04 | 5.24E-04 | 1                     | 12                           | 156       | 9.36E-06                        | 4.49E-05        | 9.78E-05 | 1.52E-04 |
| Crawler Tractor/Dozers                                                                                                                                            | Diesel | 2270002069                   | 394                | 59%                      | 8.59E-05                                         | 4.01E-04        | 7.38E-04 | 6.17E-04 | 3                     | 12                           | 156       | 1.24E-04                        | 5.76E-04        | 1.06E-03 | 8.88E-04 |
| Crawler Tractor/Dozers                                                                                                                                            | Diesel | 2270002069                   | 410                | 59%                      | 8.59E-05                                         | 4.01E-04        | 7.38E-04 | 6.17E-04 | 3                     | 12                           | 156       | 1.29E-04                        | 6.00E-04        | 1.11E-03 | 9.25E-04 |
| Crawler Tractor/Dozers                                                                                                                                            | Diesel | 2270002069                   | 335                | 59%                      | 8.59E-05                                         | 4.01E-04        | 7.38E-04 | 6.17E-04 | 2                     | 12                           | 156       | 7.01E-05                        | 3.27E-04        | 6.02E-04 | 5.04E-04 |
| Excavators                                                                                                                                                        | Diesel | 2270002036                   | 311                | 59%                      | 5.59E-05                                         | 2.59E-04        | 5.12E-04 | 5.64E-04 | 4                     | 12                           | 156       | 8.46E-05                        | 3.92E-04        | 7.76E-04 | 8.55E-04 |
| Excavators                                                                                                                                                        | Diesel | 2270002036                   | 345                | 59%                      | 5.59E-05                                         | 2.59E-04        | 5.12E-04 | 5.64E-04 | 4                     | 12                           | 156       | 9.39E-05                        | 4.35E-04        | 8.60E-04 | 9.48E-04 |
| Excavators                                                                                                                                                        | Diesel | 2270002036                   | 950                | 59%                      | 2.21E-04                                         | 1.06E-03        | 1.79E-03 | 5.58E-04 | 1                     | 12                           | 156       | 2.56E-04                        | 1.23E-03        | 2.07E-03 | 6.46E-04 |
| Excavators                                                                                                                                                        | Diesel | 2270002036                   | 236                | 59%                      | 2.69E-05                                         | 1.31E-04        | 2.96E-04 | 5.17E-04 | 2                     | 12                           | 156       | 1.54E-05                        | 7.51E-05        | 1.70E-04 | 2.97E-04 |
| Generator Sets                                                                                                                                                    | Diesel | 2270006005                   | 15                 | 43%                      | 1.78E-03                                         | 8.52E-03        | 1.40E-02 | 4.89E-03 | 4                     | 12                           | 156       | 9.48E-05                        | 4.54E-04        | 7.44E-04 | 2.60E-04 |
| Other Construction Equipment                                                                                                                                      | Diesel | 2270002081                   | 500                | 59%                      | 2.51E-04                                         | 1.28E-03        | 1.75E-03 | 1.09E-03 | 1                     | 12                           | 156       | 1.53E-04                        | 7.77E-04        | 1.07E-03 | 6.64E-04 |
| Pumps                                                                                                                                                             | Diesel | 2270006010                   | 600                | 43%                      | 3.33E-04                                         | 1.75E-03        | 2.21E-03 | 1.41E-03 | 1                     | 12                           | 156       | 1.77E-04                        | 9.30E-04        | 1.18E-03 | 7.50E-04 |
| Tractors/Loaders/Backhoes                                                                                                                                         | Diesel | 2270002066                   | 600                | 21%                      | 5.96E-04                                         | 3.60E-03        | 4.28E-03 | 2.34E-03 | 1                     | 12                           | 156       | 1.55E-04                        | 9.37E-04        | 1.11E-03 | 6.10E-04 |
| Tractors/Loaders/Backhoes                                                                                                                                         | Diesel | 2270002066                   | 300                | 21%                      | 5.96E-04                                         | 3.60E-03        | 4.28E-03 | 2.34E-03 | 2                     | 12                           | 156       | 1.55E-04                        | 9.37E-04        | 1.11E-03 | 6.10E-04 |
| Trenchers                                                                                                                                                         | Diesel | 2270002030                   | 600                | 59%                      | 2.83E-04                                         | 1.42E-03        | 1.94E-03 | 1.18E-03 | 1                     | 12                           | 156       | 2.06E-04                        | 1.04E-03        | 1.42E-03 | 8.60E-04 |
| Welders                                                                                                                                                           | Diesel | 2270006025                   | 58                 | 21%                      | 1.65E-03                                         | 9.31E-03        | 1.06E-02 | 6.03E-03 | 2                     | 12                           | 156       | 8.27E-05                        | 4.68E-04        | 5.32E-04 | 3.03E-04 |
| Total                                                                                                                                                             |        |                              |                    |                          |                                                  |                 |          |          |                       |                              |           | 0.002                           | 0.01            | 0.01     | 0.01     |
| 1. Based on EPA MOVES5.0.0.                                                                                                                                       |        |                              |                    |                          |                                                  |                 |          |          |                       |                              |           |                                 |                 |          |          |
| 2. EPA MOVES5.0.0 run for calendar year 2027. The styrene emissions factor for all nonroad equipment is zero; therefore, styrene is not included in these tables. |        |                              |                    |                          |                                                  |                 |          |          |                       |                              |           |                                 |                 |          |          |

Table 9.B.2.3 - Venture Global CP Express, LLC  
2027 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions  
(Continued)

| Calendar Year: 2027                                                                                                                                               |        |                              |                    |                          |                                                  |             |           |          |          |                       |                              |           |                                 |             |           |          |          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------|--------------------|--------------------------|--------------------------------------------------|-------------|-----------|----------|----------|-----------------------|------------------------------|-----------|---------------------------------|-------------|-----------|----------|----------|
| Equipment Type                                                                                                                                                    | Fuel   | Source Category <sup>1</sup> | Engine Rating (hp) | Load Factor <sup>1</sup> | Pollutant Emission Factor <sup>2</sup> (g/hp-hr) |             |           |          |          | No. of Equipment/ Day | Equipment Operating Duration |           | Pollutant Emissions (tons/year) |             |           |          |          |
|                                                                                                                                                                   |        |                              |                    |                          | Arsenic                                          | Chromium VI | Manganese | Mercury  | Nickel   |                       | Hours/Day                    | Days/Year | Arsenic                         | Chromium VI | Manganese | Mercury  | Nickel   |
| Cranes                                                                                                                                                            | Diesel | 2270002045                   | 390                | 43%                      | 8.32E-07                                         | 2.43E-09    | 9.65E-07  | 1.11E-08 | 1.67E-06 | 1                     | 12                           | 156       | 2.88E-07                        | 8.40E-10    | 3.34E-07  | 3.83E-09 | 5.77E-07 |
| Cranes                                                                                                                                                            | Diesel | 2270002045                   | 267                | 43%                      | 8.32E-07                                         | 2.21E-09    | 8.68E-07  | 1.11E-08 | 1.50E-06 | 2                     | 12                           | 156       | 3.94E-07                        | 1.05E-09    | 4.11E-07  | 5.24E-09 | 7.11E-07 |
| Crawler Tractor/Dozers                                                                                                                                            | Diesel | 2270002069                   | 238                | 59%                      | 8.41E-07                                         | 2.18E-09    | 8.55E-07  | 1.12E-08 | 1.48E-06 | 1                     | 12                           | 156       | 2.44E-07                        | 6.32E-10    | 2.48E-07  | 3.24E-09 | 4.29E-07 |
| Crawler Tractor/Dozers                                                                                                                                            | Diesel | 2270002069                   | 394                | 59%                      | 8.41E-07                                         | 2.30E-09    | 9.08E-07  | 1.12E-08 | 1.57E-06 | 3                     | 12                           | 156       | 1.21E-06                        | 3.31E-09    | 1.31E-06  | 1.61E-08 | 2.26E-06 |
| Crawler Tractor/Dozers                                                                                                                                            | Diesel | 2270002069                   | 410                | 59%                      | 8.41E-07                                         | 2.30E-09    | 9.08E-07  | 1.12E-08 | 1.57E-06 | 3                     | 12                           | 156       | 1.26E-06                        | 3.45E-09    | 1.36E-06  | 1.67E-08 | 2.35E-06 |
| Crawler Tractor/Dozers                                                                                                                                            | Diesel | 2270002069                   | 335                | 59%                      | 8.41E-07                                         | 2.30E-09    | 9.08E-07  | 1.12E-08 | 1.57E-06 | 2                     | 12                           | 156       | 6.86E-07                        | 1.88E-09    | 7.41E-07  | 9.12E-09 | 1.28E-06 |
| Excavators                                                                                                                                                        | Diesel | 2270002036                   | 311                | 59%                      | 8.41E-07                                         | 2.23E-09    | 8.76E-07  | 1.12E-08 | 1.51E-06 | 4                     | 12                           | 156       | 1.27E-06                        | 3.38E-09    | 1.33E-06  | 1.69E-08 | 2.29E-06 |
| Excavators                                                                                                                                                        | Diesel | 2270002036                   | 345                | 59%                      | 8.41E-07                                         | 2.23E-09    | 8.76E-07  | 1.12E-08 | 1.51E-06 | 4                     | 12                           | 156       | 1.41E-06                        | 3.75E-09    | 1.47E-06  | 1.88E-08 | 2.55E-06 |
| Excavators                                                                                                                                                        | Diesel | 2270002036                   | 950                | 59%                      | 8.41E-07                                         | 4.06E-09    | 1.80E-06  | 1.12E-08 | 3.15E-06 | 1                     | 12                           | 156       | 9.73E-07                        | 4.69E-09    | 2.08E-06  | 1.29E-08 | 3.64E-06 |
| Excavators                                                                                                                                                        | Diesel | 2270002036                   | 236                | 59%                      | 8.41E-07                                         | 2.16E-09    | 8.48E-07  | 1.12E-08 | 1.47E-06 | 2                     | 12                           | 156       | 4.83E-07                        | 1.24E-09    | 4.87E-07  | 6.43E-09 | 8.44E-07 |
| Generator Sets                                                                                                                                                    | Diesel | 2270006005                   | 15                 | 43%                      | 9.25E-07                                         | 4.47E-09    | 1.99E-06  | 1.23E-08 | 3.48E-06 | 4                     | 12                           | 156       | 4.93E-08                        | 2.38E-10    | 1.06E-07  | 6.55E-10 | 1.85E-07 |
| Other Construction Equipment                                                                                                                                      | Diesel | 2270002081                   | 500                | 59%                      | 8.41E-07                                         | 2.59E-09    | 1.05E-06  | 1.12E-08 | 1.81E-06 | 1                     | 12                           | 156       | 5.12E-07                        | 1.58E-09    | 6.37E-07  | 6.81E-09 | 1.10E-06 |
| Pumps                                                                                                                                                             | Diesel | 2270006010                   | 600                | 43%                      | 8.32E-07                                         | 2.71E-09    | 1.09E-06  | 1.11E-08 | 1.88E-06 | 1                     | 12                           | 156       | 4.43E-07                        | 1.44E-09    | 5.81E-07  | 5.89E-09 | 1.00E-06 |
| Tractors/Loaders/Backhoes                                                                                                                                         | Diesel | 2270002066                   | 600                | 21%                      | 9.82E-07                                         | 3.02E-09    | 1.22E-06  | 1.31E-08 | 2.12E-06 | 1                     | 12                           | 156       | 2.55E-07                        | 7.86E-10    | 3.18E-07  | 3.39E-09 | 5.50E-07 |
| Tractors/Loaders/Backhoes                                                                                                                                         | Diesel | 2270002066                   | 300                | 21%                      | 9.82E-07                                         | 3.02E-09    | 1.22E-06  | 1.31E-08 | 2.12E-06 | 2                     | 12                           | 156       | 2.55E-07                        | 7.86E-10    | 3.18E-07  | 3.39E-09 | 5.50E-07 |
| Trenchers                                                                                                                                                         | Diesel | 2270002030                   | 600                | 59%                      | 8.41E-07                                         | 2.64E-09    | 1.07E-06  | 1.12E-08 | 1.86E-06 | 1                     | 12                           | 156       | 6.15E-07                        | 1.93E-09    | 7.83E-07  | 8.17E-09 | 1.36E-06 |
| Welders                                                                                                                                                           | Diesel | 2270006025                   | 58                 | 21%                      | 1.09E-06                                         | 4.35E-09    | 1.73E-06  | 1.45E-08 | 2.97E-06 | 2                     | 12                           | 156       | 5.48E-08                        | 2.19E-10    | 8.70E-08  | 7.29E-10 | 1.49E-07 |
| Total                                                                                                                                                             |        |                              |                    |                          |                                                  |             |           |          |          |                       |                              |           | 1.04E-05                        | 3.12E-08    | 1.26E-05  | 1.38E-07 | 2.18E-05 |
| 1. Based on EPA MOVES5.0.0.                                                                                                                                       |        |                              |                    |                          |                                                  |             |           |          |          |                       |                              |           |                                 |             |           |          |          |
| 2. EPA MOVES5.0.0 run for calendar year 2027. The styrene emissions factor for all nonroad equipment is zero; therefore, styrene is not included in these tables. |        |                              |                    |                          |                                                  |             |           |          |          |                       |                              |           |                                 |             |           |          |          |

**Table 9.B.2.4 - Venture Global CP Express, LLC**  
**On-Road On-Site Construction Vehicle Tailpipe Criteria and Greenhouse Gas Emissions**

| Vehicle                              | Onsite Travel<br>(miles/vehicle) | No. of<br>Vehicles/Day | Vehicle Usage<br>(days/year) | Vehicle Miles<br>Traveled<br>(VMT/year) |
|--------------------------------------|----------------------------------|------------------------|------------------------------|-----------------------------------------|
| <b>2027</b>                          |                                  |                        |                              |                                         |
| Diesel Single Unit Short-haul Trucks | 15                               | 5                      | 156                          | 11,700                                  |
| Diesel Light Trucks                  | 25                               | 15                     | 156                          | 58,500                                  |
| Gasoline Passenger Trucks            | 25                               | 15                     | 156                          | 58,500                                  |

| Vehicle                              | Emission Factor (g/VMT) <sup>1</sup> |                 |                 |      |                  |                   |                 |                 |                  |
|--------------------------------------|--------------------------------------|-----------------|-----------------|------|------------------|-------------------|-----------------|-----------------|------------------|
|                                      | CO                                   | NO <sub>x</sub> | SO <sub>2</sub> | VOC  | PM <sub>10</sub> | PM <sub>2.5</sub> | CO <sub>2</sub> | CH <sub>4</sub> | N <sub>2</sub> O |
| <b>2027</b>                          |                                      |                 |                 |      |                  |                   |                 |                 |                  |
| Diesel Single Unit Short-haul Trucks | 0.95                                 | 1.09            | 2.72E-03        | 0.10 | 0.08             | 0.04              | 809.93          | 0.03            | 0.11             |
| Diesel Light Trucks                  | 1.30                                 | 0.87            | 1.66E-03        | 0.11 | 0.05             | 0.03              | 492.59          | 0.02            | 0.05             |
| Gasoline Passenger Trucks            | 3.70                                 | 0.17            | 3.15E-03        | 0.23 | 0.02             | 0.01              | 387.64          | 0.02            | 0.01             |
| 1. Based on EPA MOVES5.0.0.          |                                      |                 |                 |      |                  |                   |                 |                 |                  |

| Vehicle                                                                                                                                                                   | Emissions (tons/yr) |                 |                 |             |                  |                   |                 |                 |                  |                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------|-----------------|-------------|------------------|-------------------|-----------------|-----------------|------------------|--------------------------------|
|                                                                                                                                                                           | CO                  | NO <sub>x</sub> | SO <sub>2</sub> | VOC         | PM <sub>10</sub> | PM <sub>2.5</sub> | CO <sub>2</sub> | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e <sup>1</sup> |
| <b>2027</b>                                                                                                                                                               |                     |                 |                 |             |                  |                   |                 |                 |                  |                                |
| Diesel Single Unit Short-haul Trucks                                                                                                                                      | 0.01                | 0.01            | 3.50E-05        | 1.27E-03    | 1.01E-03         | 4.86E-04          | 10.45           | 3.35E-04        | 1.43E-03         | 11                             |
| Diesel Light Trucks                                                                                                                                                       | 0.08                | 0.06            | 1.07E-04        | 0.01        | 3.41E-03         | 2.09E-03          | 31.77           | 1.11E-03        | 3.48E-03         | 33                             |
| Gasoline Passenger Trucks                                                                                                                                                 | 0.24                | 0.01            | 2.03E-04        | 1.50E-02    | 1.25E-03         | 4.60E-04          | 25.00           | 9.71E-04        | 4.07E-04         | 25                             |
| <b>Total</b>                                                                                                                                                              | <b>0.33</b>         | <b>0.08</b>     | <b>3.45E-04</b> | <b>0.02</b> | <b>0.01</b>      | <b>3.03E-03</b>   | <b>67</b>       | <b>0.002</b>    | <b>5.32E-03</b>  | <b>69</b>                      |
| 1. The global warming potentials of CO <sub>2</sub> , CH <sub>4</sub> , and N <sub>2</sub> O are 1, 28, and 265, respectively, based on 40 CFR 98, Table A-1 (Apr. 2024). |                     |                 |                 |             |                  |                   |                 |                 |                  |                                |

**Table 9.B.2.5 - Venture Global CP Express, LLC**  
**On-Road On-Site Construction Vehicle Tailpipe Hazardous Air Pollutant Emissions**

| Vehicle                              | Onsite Travel<br>(miles/vehicle) | No. of Vehicles/Day | Vehicle Usage<br>(days/year) | Vehicle Miles<br>Traveled |
|--------------------------------------|----------------------------------|---------------------|------------------------------|---------------------------|
| <b>2027</b>                          |                                  |                     |                              |                           |
| Diesel Single Unit Short-haul Trucks | 15                               | 5                   | 156                          | 11,700                    |
| Diesel Light Trucks                  | 25                               | 15                  | 156                          | 58,500                    |
| Gasoline Passenger Trucks            | 25                               | 15                  | 156                          | 58,500                    |

| Vehicle                              | Emission Factor (g/VMT) <sup>1</sup> |                            |              |          |          |               |
|--------------------------------------|--------------------------------------|----------------------------|--------------|----------|----------|---------------|
|                                      | 1,3-Butadiene                        | 2,2,4-<br>Trimethylpentane | Acetaldehyde | Acrolein | Benzene  | Ethyl Benzene |
| <b>2027</b>                          |                                      |                            |              |          |          |               |
| Diesel Single Unit Short-haul Trucks | 1.18E-04                             | 2.69E-04                   | 3.23E-03     | 4.32E-04 | 3.49E-04 | 5.76E-04      |
| Diesel Light Trucks                  | 2.36E-04                             | 2.67E-04                   | 3.98E-03     | 6.37E-04 | 6.57E-04 | 4.96E-04      |
| Gasoline Passenger Trucks            | 4.60E-04                             | 6.27E-03                   | 1.04E-03     | 6.32E-05 | 3.34E-03 | 3.74E-03      |
| 1. Based on EPA MOVES5.0.0.          |                                      |                            |              |          |          |               |

| Vehicle                              | Emissions (tons/yr) |                            |                 |                 |                 |                 |
|--------------------------------------|---------------------|----------------------------|-----------------|-----------------|-----------------|-----------------|
|                                      | 1,3-Butadiene       | 2,2,4-<br>Trimethylpentane | Acetaldehyde    | Acrolein        | Benzene         | Ethyl Benzene   |
| <b>2027</b>                          |                     |                            |                 |                 |                 |                 |
| Diesel Single Unit Short-haul Trucks | 1.52E-06            | 3.47E-06                   | 4.17E-05        | 5.57E-06        | 4.50E-06        | 7.43E-06        |
| Diesel Light Trucks                  | 1.52E-05            | 1.72E-05                   | 2.56E-04        | 4.11E-05        | 4.24E-05        | 3.20E-05        |
| Gasoline Passenger Trucks            | 2.97E-05            | 4.04E-04                   | 6.72E-05        | 4.07E-06        | 2.15E-04        | 2.41E-04        |
| <b>Total</b>                         | <b>4.64E-05</b>     | <b>4.25E-04</b>            | <b>3.65E-04</b> | <b>5.07E-05</b> | <b>2.62E-04</b> | <b>2.80E-04</b> |

**Table 9.B.2.5 - Venture Global CP Express, LLC**  
**On-Road On-Site Construction Vehicle Tailpipe Hazardous Air Pollutant Emissions**  
**(Continued)**

| Vehicle                              | Onsite Travel<br>(miles/vehicle) | No. of<br>Vehicles/Day | Vehicle Usage<br>(days/year) | Vehicle Miles<br>Traveled<br>(VMT/year) |
|--------------------------------------|----------------------------------|------------------------|------------------------------|-----------------------------------------|
| <b>2027</b>                          |                                  |                        |                              |                                         |
| Diesel Single Unit Short-haul Trucks | 15                               | 5                      | 156                          | 11,700                                  |
| Diesel Light Trucks                  | 25                               | 15                     | 156                          | 58,500                                  |
| Gasoline Passenger Trucks            | 25                               | 15                     | 156                          | 58,500                                  |

| Vehicle                              | Emission Factor (g/VMT) <sup>1</sup> |          |             |          |                 |          |          |          |
|--------------------------------------|--------------------------------------|----------|-------------|----------|-----------------|----------|----------|----------|
|                                      | Formaldehyde                         | Hexane   | Naphthalene | PAH      | Propionaldehyde | Styrene  | Toluene  | Xylene   |
| <b>2027</b>                          |                                      |          |             |          |                 |          |          |          |
| Diesel Single Unit Short-haul Trucks | 4.78E-03                             | 1.29E-04 | 4.38E-04    | 1.62E-04 | 3.07E-04        | 5.20E-05 | 1.01E-03 | 3.67E-03 |
| Diesel Light Trucks                  | 7.37E-03                             | 1.91E-04 | 7.79E-04    | 2.93E-04 | 4.50E-04        | 1.05E-04 | 8.56E-04 | 2.42E-03 |
| Gasoline Passenger Trucks            | 8.40E-04                             | 6.52E-03 | 1.50E-04    | 6.07E-05 | 4.84E-05        | 6.41E-05 | 2.79E-02 | 1.40E-02 |
| 1. Based on EPA MOVES5.0.0.          |                                      |          |             |          |                 |          |          |          |

| Vehicle                              | Emissions (tons/yr) |                 |                 |                 |                 |                 |                 |                 |
|--------------------------------------|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                                      | Formaldehyde        | Hexane          | Naphthalene     | PAH             | Propionaldehyde | Styrene         | Toluene         | Xylene          |
| <b>2027</b>                          |                     |                 |                 |                 |                 |                 |                 |                 |
| Diesel Single Unit Short-haul Trucks | 6.17E-05            | 1.67E-06        | 5.66E-06        | 2.10E-06        | 3.96E-06        | 6.70E-07        | 1.30E-05        | 4.73E-05        |
| Diesel Light Trucks                  | 4.75E-04            | 1.23E-05        | 5.02E-05        | 1.89E-05        | 2.90E-05        | 6.80E-06        | 5.52E-05        | 1.56E-04        |
| Gasoline Passenger Trucks            | 5.42E-05            | 4.20E-04        | 9.66E-06        | 3.91E-06        | 3.12E-06        | 4.13E-06        | 1.80E-03        | 9.00E-04        |
| <b>Total</b>                         | <b>5.91E-04</b>     | <b>4.34E-04</b> | <b>6.56E-05</b> | <b>2.49E-05</b> | <b>3.61E-05</b> | <b>1.16E-05</b> | <b>1.87E-03</b> | <b>1.10E-03</b> |

**Table 9.B.2.5 - Venture Global CP Express, LLC**  
**On-Road On-Site Construction Vehicle Tailpipe Hazardous Air Pollutant Emissions**  
**(Continued)**

| Vehicle                              | Onsite Travel<br>(miles/vehicle) | No. of<br>Vehicles/Day | Vehicle Usage<br>(days/year) | Vehicle Miles<br>Traveled<br>(VMT/year) |
|--------------------------------------|----------------------------------|------------------------|------------------------------|-----------------------------------------|
| <b>2027</b>                          |                                  |                        |                              |                                         |
| Diesel Single Unit Short-haul Trucks | 15                               | 5                      | 156                          | 11,700                                  |
| Diesel Light Trucks                  | 25                               | 15                     | 156                          | 58,500                                  |
| Gasoline Passenger Trucks            | 25                               | 15                     | 156                          | 58,500                                  |

| Vehicle                              | Emission Factor (g/VMT) <sup>1</sup> |             |           |          |          |
|--------------------------------------|--------------------------------------|-------------|-----------|----------|----------|
|                                      | Arsenic                              | Chromium VI | Manganese | Mercury  | Nickel   |
| <b>2027</b>                          |                                      |             |           |          |          |
| Diesel Single Unit Short-haul Trucks | 2.30E-06                             | 2.88E-09    | 1.10E-08  | 7.61E-07 | 1.00E+00 |
| Diesel Light Trucks                  | 2.30E-06                             | 3.60E-09    | 1.10E-08  | 1.30E-06 | 1.00E+00 |
| Gasoline Passenger Trucks            | 2.30E-06                             | 1.20E-08    | 1.20E-07  | 1.50E-06 | 1.00E+00 |
| 1. Based on EPA MOVES5.0.0.          |                                      |             |           |          |          |

| Vehicle                              | Emissions (tons/yr) |                 |                 |                 |                 |
|--------------------------------------|---------------------|-----------------|-----------------|-----------------|-----------------|
|                                      | Arsenic             | Chromium VI     | Manganese       | Mercury         | Nickel          |
| <b>2027</b>                          |                     |                 |                 |                 |                 |
| Diesel Single Unit Short-haul Trucks | 2.97E-08            | 3.72E-11        | 1.42E-10        | 9.82E-09        | 1.29E-02        |
| Diesel Light Trucks                  | 1.48E-07            | 2.32E-10        | 7.09E-10        | 8.38E-08        | 6.45E-02        |
| Gasoline Passenger Trucks            | 1.48E-07            | 7.74E-10        | 7.76E-09        | 9.67E-08        | 6.45E-02        |
| <b>Total</b>                         | <b>3.26E-07</b>     | <b>1.04E-09</b> | <b>8.61E-09</b> | <b>1.90E-07</b> | <b>1.42E-01</b> |

**Table 9.B.2.6 - Venture Global CP Express, LLC**  
**On-Road Worker Commuting Criteria and Greenhouse Gas Emissions**

| Vehicle                   | Onsite Travel<br>(miles/vehicle) | No. of<br>Vehicles/Day | Vehicle Usage<br>(days/year) | Vehicle<br>Miles<br>Traveled |
|---------------------------|----------------------------------|------------------------|------------------------------|------------------------------|
| <b>2027</b>               |                                  |                        |                              |                              |
| Gasoline Passenger Cars   | 50                               | 20                     | 156                          | 156,000                      |
| Gasoline Passenger Trucks | 50                               | 50                     | 156                          | 390,000                      |

| Vehicle                     | Emission Factor (g/VMT) <sup>1</sup> |                 |                 |      |                  |                   |                 |                 |                  |
|-----------------------------|--------------------------------------|-----------------|-----------------|------|------------------|-------------------|-----------------|-----------------|------------------|
|                             | CO                                   | NO <sub>x</sub> | SO <sub>2</sub> | VOC  | PM <sub>10</sub> | PM <sub>2.5</sub> | CO <sub>2</sub> | CH <sub>4</sub> | N <sub>2</sub> O |
| <b>2027</b>                 |                                      |                 |                 |      |                  |                   |                 |                 |                  |
| Gasoline Passenger Cars     | 3.94                                 | 0.11            | 2.44E-03        | 0.31 | 0.02             | 0.01              | 300.01          | 0.01            | 0.01             |
| Gasoline Passenger Trucks   | 3.70                                 | 0.17            | 3.15E-03        | 0.23 | 0.02             | 0.01              | 387.64          | 0.02            | 0.01             |
| 1. Based on EPA MOVES5.0.0. |                                      |                 |                 |      |                  |                   |                 |                 |                  |

| Vehicle                                                                                                                                                                   | Emissions (tons/yr) |                 |                 |             |                  |                   |                 |                 |                  |                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------|-----------------|-------------|------------------|-------------------|-----------------|-----------------|------------------|--------------------------------|
|                                                                                                                                                                           | CO                  | NO <sub>x</sub> | SO <sub>2</sub> | VOC         | PM <sub>10</sub> | PM <sub>2.5</sub> | CO <sub>2</sub> | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e <sup>1</sup> |
| <b>2027</b>                                                                                                                                                               |                     |                 |                 |             |                  |                   |                 |                 |                  |                                |
| Gasoline Passenger Cars                                                                                                                                                   | 0.68                | 0.02            | 4.19E-04        | 5.35E-02    | 3.26E-03         | 1.12E-03          | 51.59           | 2.55E-03        | 8.60E-04         | 52                             |
| Gasoline Passenger Trucks                                                                                                                                                 | 1.59                | 0.07            | 1.35E-03        | 0.10        | 8.33E-03         | 3.06E-03          | 166.65          | 6.47E-03        | 2.71E-03         | 168                            |
| <b>Total</b>                                                                                                                                                              | <b>2.27</b>         | <b>0.09</b>     | <b>1.77E-03</b> | <b>0.15</b> | <b>1.16E-02</b>  | <b>4.19E-03</b>   | <b>218</b>      | <b>9.02E-03</b> | <b>3.57E-03</b>  | <b>219</b>                     |
| 1. The global warming potentials of CO <sub>2</sub> , CH <sub>4</sub> , and N <sub>2</sub> O are 1, 28, and 265, respectively, based on 40 CFR 98, Table A-1 (Apr. 2024). |                     |                 |                 |             |                  |                   |                 |                 |                  |                                |

**Table 9.B.2.7 - Venture Global CP Express, LLC**  
**On-Road Worker Commuting Hazardous Air Pollutant Emissions**

| Vehicle                   | Onsite Travel<br>(miles/vehicle) | No. of Vehicles/Day | Vehicle Usage<br>(days/year) | Vehicle Miles<br>Traveled |
|---------------------------|----------------------------------|---------------------|------------------------------|---------------------------|
| <b>2027</b>               |                                  |                     |                              |                           |
| Gasoline Passenger Cars   | 50                               | 20                  | 156                          | 156,000                   |
| Gasoline Passenger Trucks | 50                               | 50                  | 156                          | 390,000                   |

| Vehicle                   | Emission Factor (g/VMT) <sup>1</sup> |                            |              |          |          |               |
|---------------------------|--------------------------------------|----------------------------|--------------|----------|----------|---------------|
|                           | 1,3-Butadiene                        | 2,2,4-<br>Trimethylpentane | Acetaldehyde | Acrolein | Benzene  | Ethyl Benzene |
| <b>2027</b>               |                                      |                            |              |          |          |               |
| Gasoline Passenger Cars   | 5.03E-04                             | 8.69E-03                   | 1.11E-03     | 6.86E-05 | 3.71E-03 | 4.82E-03      |
| Gasoline Passenger Trucks | 4.60E-04                             | 6.27E-03                   | 1.04E-03     | 6.32E-05 | 3.34E-03 | 3.74E-03      |

1. Based on EPA MOVES5.0.0.

| Vehicle                   | Emissions (tons/yr) |                            |                 |                 |                 |                 |
|---------------------------|---------------------|----------------------------|-----------------|-----------------|-----------------|-----------------|
|                           | 1,3-Butadiene       | 2,2,4-<br>Trimethylpentane | Acetaldehyde    | Acrolein        | Benzene         | Ethyl Benzene   |
| <b>2027</b>               |                     |                            |                 |                 |                 |                 |
| Gasoline Passenger Cars   | 8.65E-05            | 1.49E-03                   | 1.91E-04        | 1.18E-05        | 6.39E-04        | 8.29E-04        |
| Gasoline Passenger Trucks | 1.98E-04            | 2.69E-03                   | 4.48E-04        | 2.71E-05        | 1.44E-03        | 1.61E-03        |
| <b>Total</b>              | <b>2.84E-04</b>     | <b>4.19E-03</b>            | <b>6.39E-04</b> | <b>3.89E-05</b> | <b>2.08E-03</b> | <b>2.44E-03</b> |

**Table 9.B.2.7 - Venture Global CP Express, LLC**  
**On-Road Worker Commuting Hazardous Air Pollutant Emissions**  
**(Continued)**

| Vehicle                   | Onsite Travel<br>(miles/vehicle) | No. of<br>Vehicles/Day | Vehicle Usage<br>(days/year) | Vehicle Miles<br>Traveled<br>(VMT/year) |
|---------------------------|----------------------------------|------------------------|------------------------------|-----------------------------------------|
| <b>2027</b>               |                                  |                        |                              |                                         |
| Gasoline Passenger Cars   | 50                               | 20                     | 156                          | 156,000                                 |
| Gasoline Passenger Trucks | 50                               | 50                     | 156                          | 390,000                                 |

| Vehicle                     | Emission Factor (g/VMT) <sup>1</sup> |          |             |          |                 |          |          |          |
|-----------------------------|--------------------------------------|----------|-------------|----------|-----------------|----------|----------|----------|
|                             | Formaldehyde                         | Hexane   | Naphthalene | PAH      | Propionaldehyde | Styrene  | Toluene  | Xylene   |
| <b>2027</b>                 |                                      |          |             |          |                 |          |          |          |
| Gasoline Passenger Cars     | 7.89E-04                             | 9.23E-03 | 1.51E-04    | 5.95E-05 | 4.53E-05        | 6.31E-05 | 3.84E-02 | 1.81E-02 |
| Gasoline Passenger Trucks   | 8.40E-04                             | 6.52E-03 | 1.50E-04    | 6.07E-05 | 4.84E-05        | 6.41E-05 | 2.79E-02 | 1.40E-02 |
| 1. Based on EPA MOVES5.0.0. |                                      |          |             |          |                 |          |          |          |

| Vehicle                   | Emissions (tons/yr) |                 |                 |                 |                 |                 |                 |                 |
|---------------------------|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                           | Formaldehyde        | Hexane          | Naphthalene     | PAH             | Propionaldehyde | Styrene         | Toluene         | Xylene          |
| <b>2027</b>               |                     |                 |                 |                 |                 |                 |                 |                 |
| Gasoline Passenger Cars   | 1.36E-04            | 1.59E-03        | 2.60E-05        | 1.02E-05        | 7.79E-06        | 1.08E-05        | 6.60E-03        | 3.12E-03        |
| Gasoline Passenger Trucks | 3.61E-04            | 2.80E-03        | 6.44E-05        | 2.61E-05        | 2.08E-05        | 2.76E-05        | 1.20E-02        | 6.00E-03        |
| <b>Total</b>              | <b>4.97E-04</b>     | <b>4.39E-03</b> | <b>9.03E-05</b> | <b>3.63E-05</b> | <b>2.86E-05</b> | <b>3.84E-05</b> | <b>1.86E-02</b> | <b>9.12E-03</b> |

**Table 9.B.2.7 - Venture Global CP Express, LLC  
On-Road Worker Commuting Hazardous Air Pollutant Emissions  
(Continued)**

| Vehicle                   | Onsite Travel<br>(miles/vehicle) | No. of<br>Vehicles/Day | Vehicle Usage<br>(days/year) | Vehicle Miles<br>Traveled<br>(VMT/year) |
|---------------------------|----------------------------------|------------------------|------------------------------|-----------------------------------------|
| <b>2027</b>               |                                  |                        |                              |                                         |
| Gasoline Passenger Cars   | 50                               | 20                     | 156                          | 156,000                                 |
| Gasoline Passenger Trucks | 50                               | 50                     | 156                          | 390,000                                 |

| Vehicle                     | Emission Factor (g/VMT) <sup>1</sup> |             |           |          |          |
|-----------------------------|--------------------------------------|-------------|-----------|----------|----------|
|                             | Arsenic                              | Chromium VI | Manganese | Mercury  | Nickel   |
| <b>2027</b>                 |                                      |             |           |          |          |
| Gasoline Passenger Cars     | 2.30E-06                             | 1.20E-08    | 1.20E-07  | 1.50E-06 | 1.00E+00 |
| Gasoline Passenger Trucks   | 2.30E-06                             | 1.20E-08    | 1.20E-07  | 1.50E-06 | 1.00E+00 |
| 1. Based on EPA MOVES5.0.0. |                                      |             |           |          |          |

| Vehicle                   | Emissions (tons/yr) |                 |                 |                 |                 |
|---------------------------|---------------------|-----------------|-----------------|-----------------|-----------------|
|                           | Arsenic             | Chromium VI     | Manganese       | Mercury         | Nickel          |
| <b>2027</b>               |                     |                 |                 |                 |                 |
| Gasoline Passenger Cars   | 3.96E-07            | 2.06E-09        | 2.07E-08        | 2.58E-07        | 1.72E-01        |
| Gasoline Passenger Trucks | 9.89E-07            | 5.16E-09        | 5.17E-08        | 6.45E-07        | 4.30E-01        |
| <b>Total</b>              | <b>1.38E-06</b>     | <b>7.22E-09</b> | <b>7.24E-08</b> | <b>9.03E-07</b> | <b>6.02E-01</b> |

**Table 9.B.2.8 - Venture Global CP Express, LLC  
Fugitive Dust from Construction Activity**

| Year                                                                                                                                                                                                                                                                                                                                                                                                                 | Construction Area (acres) | Emission Factor (ton/acre-month) |                                | Duration (months) | Uncontrolled Emissions (tons/year) |                   | Controlled Emissions <sup>3</sup> (tons/year) |                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------------------------|--------------------------------|-------------------|------------------------------------|-------------------|-----------------------------------------------|-------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                      |                           | PM <sub>10</sub> <sup>1</sup>    | PM <sub>2.5</sub> <sup>2</sup> |                   | PM <sub>10</sub>                   | PM <sub>2.5</sub> | PM <sub>10</sub>                              | PM <sub>2.5</sub> |
| 2027                                                                                                                                                                                                                                                                                                                                                                                                                 | 30.00                     | 0.11                             | 0.011                          | 6                 | 19.80                              | 1.98              | 9.90                                          | 0.99              |
| 1. WRAP Fugitive Dust Handbook, Countess Environmental, September 2006, Table 3-2, level 1, average conditions.<br>2. PM <sub>2.5</sub> /PM <sub>10</sub> = 0.10 (WRAP Fugitive Dust Handbook, Countess Environmental, September 2006, Section 3.4.1)<br>3. Assume 50% control from water and other approved dust suppressants. (WRAP Fugitive Dust Handbook, Countess Environmental, September 2006, Section 3.4.1) |                           |                                  |                                |                   |                                    |                   |                                               |                   |

**Table 9.B.2.9 - Venture Global CP Express, LLC  
Fugitive Dust from Paved Roads**

**Paved Road Data<sup>1</sup>**

|                                                           |                   |         |
|-----------------------------------------------------------|-------------------|---------|
| Road surface silt loading <sup>1</sup> , g/m <sup>2</sup> | 0.2               |         |
| Particle size multiplier (k) <sup>1</sup>                 | PM <sub>10</sub>  | 0.0022  |
|                                                           | PM <sub>2.5</sub> | 0.00054 |

| Type of Vehicle           | Vehicle Miles Traveled ,<br>(VMT)/year | Average Vehicle<br>Weight <sup>2</sup> , tons | Emission Factor <sup>3</sup> , lb/VMT |                   |
|---------------------------|----------------------------------------|-----------------------------------------------|---------------------------------------|-------------------|
|                           | 2027                                   |                                               | PM <sub>10</sub>                      | PM <sub>2.5</sub> |
| Gasoline Passenger Cars   | 156,000                                | 4.63                                          | 2.43E-03                              | 5.96E-04          |
| Gasoline Passenger Trucks | 390,000                                | 4.63                                          | 2.43E-03                              | 5.96E-04          |

**Paved Road Emissions**

| Year | Total Emissions, tons/year |                   |
|------|----------------------------|-------------------|
|      | PM <sub>10</sub>           | PM <sub>2.5</sub> |
| 2027 | 0.66                       | 0.16              |

1. Based on AP-42, Section 13.2.1, Paved Roads, January 2011. For silt loading, no site-specific data is available. Thus, Venture Global utilized the value from Table 13.2.1-2 for ubiquitous baseline with average daily traffic (ADT) ranging between 500 to 5,000 vehicles.

2. Based on the average Gross Vehicle Weight (lb) for HDGV (class 2B) as provided in Table 1 of Update Heavy-Duty Engine Emission Conversion Factors for MOBILE6: Analysis of BSFCs and Calculation of Heavy-Duty Engine Emission Conversion Factors, EPA420-P-98-015, May 1998.

3. PM emission factors determined by methodology from AP-42, Section 13.2.1, *Paved Roads*, Equation 1 (January, 2011)

$$E = k * (s \ L)^{0.91} * W^{1.02}$$

E= particulate emission factor, (lb/VMT)

k= Particle size multiplier for particle size range and units of interest from Table 13.2.1-1

sL= road surface silt loading from Table 13.2.1-2, grams per square meter (g/m<sup>2</sup>)

W= average weight of the vehicles traveling the road, tons

**Table 9.B.2.10 - Venture Global CP Express, LLC  
Emissions from Open Burning**

| <b>Data Input</b>                          |      |
|--------------------------------------------|------|
| Fuel Loading Factor, ton/acre <sup>1</sup> | 70   |
| Width of Burning, miles                    | 0.03 |
| 2027 Length of Burning, miles              | 1.50 |
| Total Acreage for Burning/Year, acres      | 27.3 |

| <b>Pollutant</b>                    | <b>Emission Factor, lb/ton <sup>1</sup></b> | <b>Emissions, tpy <sup>2</sup></b> |
|-------------------------------------|---------------------------------------------|------------------------------------|
|                                     |                                             | <b>2027</b>                        |
| PM <sub>10</sub> /PM <sub>2.5</sub> | 17                                          | 16.23                              |
| NO <sub>x</sub>                     | 4                                           | 3.82                               |
| CO                                  | 140                                         | 133.64                             |
| SO <sub>2</sub>                     | 0.26                                        | 0.25                               |
| VOC                                 | 19                                          | 18.14                              |
| CH <sub>4</sub>                     | 5.7                                         | 5.44                               |
| CO <sub>2</sub> e <sup>3</sup>      | -                                           | 152.35                             |

1. Based on AP-42, Chapter 2.5. Open Burning, Table 2.5-5 (Forest Residues, unspecified). SO<sub>2</sub> emission factor is based on AP-42 Table 1.6-2, Wood Residue Combustion and heating value for wood from AP-42 Appendix A.

2. Emissions are based on the following equation:

Emissions, tpy= Fuel Loading Factor, ton/acre x Total Acreage for Burning, acres x Emission Factor, lb/ton x 1 ton/2,000 lbs

3. CO<sub>2</sub>e based on the global warming potential of CH<sub>4</sub> equal to 28 based on 40 CFR 98, Table A-1 (Apr. 2024).

Table 9.B.2.11 - Venture Global CP Express, LLC  
Construction Emissions Totals

| Nonroad Exhaust Emissions - Criteria Pollutants and GHG Emissions  |                         |                        |                 |          |                  |                   |                 |                 |                  |                   |
|--------------------------------------------------------------------|-------------------------|------------------------|-----------------|----------|------------------|-------------------|-----------------|-----------------|------------------|-------------------|
| Year                                                               | Annual Emissions (tons) |                        |                 |          |                  |                   |                 |                 |                  |                   |
|                                                                    | CO                      | NOx                    | SO <sub>2</sub> | VOC      | PM <sub>10</sub> | PM <sub>2.5</sub> | CO <sub>2</sub> | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e |
| 2027                                                               | 2.24                    | 7.98                   | 0.02            | 0.46     | 0.41             | 0.40              | 6,642           | 0.03            | 0.61             | 6,804             |
| Total <sup>1</sup>                                                 | 2.24                    | 7.98                   | 0.02            | 0.46     | 0.41             | 0.40              | 6,642           | 0.03            | 0.61             | 6,804             |
| Nonroad Exhaust Emissions - Hazardous Air Pollutant Emissions      |                         |                        |                 |          |                  |                   |                 |                 |                  |                   |
| Year                                                               | Annual Emissions (tons) |                        |                 |          |                  |                   |                 |                 |                  |                   |
|                                                                    | 1,3-Butadiene           | 2,2,4-Trimethylpentane | Acetaldehyde    | Acrolein | Benzene          | Ethyl Benzene     | Formaldehyde    | Hexane          | Naphthalene      | PAH               |
| 2027                                                               | 7.56E-04                | 3.40E-03               | 0.04            | 0.01     | 0.02             | 2.55E-03          | 0.11            | 2.83E-04        | 1.72E-03         | 1.88E-03          |
| Total <sup>1</sup>                                                 | 7.56E-04                | 3.40E-03               | 0.04            | 0.01     | 0.02             | 2.55E-03          | 0.11            | 2.83E-04        | 1.72E-03         | 1.88E-03          |
| Nonroad Exhaust Emissions - Hazardous Air Pollutant Emissions      |                         |                        |                 |          |                  |                   |                 |                 |                  |                   |
| Year                                                               | Annual Emissions (tons) |                        |                 |          |                  |                   |                 |                 |                  |                   |
|                                                                    | Propionaldehyde         | Toluene                | Xylene          | Arsenic  | Chromium VI      | Manganese         | Mercury         | Nickel          | Total HAPs       |                   |
| 2027                                                               | 0.01                    | 0.01                   | 0.01            | 1.04E-05 | 3.12E-08         | 1.26E-05          | 1.38E-07        | 2.18E-05        | 0.23             |                   |
| Total <sup>1</sup>                                                 | 0.01                    | 0.01                   | 0.01            | 1.04E-05 | 3.12E-08         | 1.26E-05          | 1.38E-07        | 2.18E-05        | 0.23             |                   |
| On-Road Tailpipe Emissions - Criteria Pollutants and GHG Emissions |                         |                        |                 |          |                  |                   |                 |                 |                  |                   |
| Year                                                               | Annual Emissions (tons) |                        |                 |          |                  |                   |                 |                 |                  |                   |
|                                                                    | CO                      | NOx                    | SO <sub>2</sub> | VOC      | PM <sub>10</sub> | PM <sub>2.5</sub> | CO <sub>2</sub> | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e |
| 2027                                                               | 2.60                    | 0.17                   | 0.002           | 0.18     | 0.02             | 0.007             | 285             | 0.01            | 0.009            | 288               |
| Total <sup>1</sup>                                                 | 2.60                    | 0.17                   | 0.002           | 0.18     | 0.02             | 0.01              | 285             | 0.01            | 0.009            | 288               |
| On-Road Tailpipe Emissions - Hazardous Air Pollutant Emissions     |                         |                        |                 |          |                  |                   |                 |                 |                  |                   |
| Year                                                               | Annual Emissions (tons) |                        |                 |          |                  |                   |                 |                 |                  |                   |
|                                                                    | 1,3-Butadiene           | 2,2,4-Trimethylpentane | Acetaldehyde    | Acrolein | Benzene          | Ethyl Benzene     | Formaldehyde    | Hexane          | Naphthalene      | PAH               |
| 2027                                                               | 3.31E-04                | 4.61E-03               | 1.00E-03        | 8.97E-05 | 2.34E-03         | 2.72E-03          | 1.09E-03        | 4.82E-03        | 1.56E-04         | 6.13E-05          |
| Total <sup>1</sup>                                                 | 3.31E-04                | 4.61E-03               | 1.00E-03        | 8.97E-05 | 2.34E-03         | 2.72E-03          | 1.09E-03        | 4.82E-03        | 1.56E-04         | 6.13E-05          |
| On-Road Tailpipe Emissions - Hazardous Air Pollutant Emissions     |                         |                        |                 |          |                  |                   |                 |                 |                  |                   |
| Year                                                               | Annual Emissions (tons) |                        |                 |          |                  |                   |                 |                 |                  |                   |
|                                                                    | Propionaldehyde         | Styrene                | Toluene         | Xylene   | Arsenic          | Chromium VI       | Manganese       | Mercury         | Nickel           | Total HAPs        |
| 2027                                                               | 3.26E-05                | 3.91E-05               | 1.86E-02        | 9.17E-03 | 1.71E-06         | 8.27E-09          | 8.10E-08        | 1.09E-06        | 7.44E-01         | 0.79              |
| Total <sup>1</sup>                                                 | 3.26E-05                | 3.91E-05               | 1.86E-02        | 9.17E-03 | 1.71E-06         | 8.27E-09          | 8.10E-08        | 1.09E-06        | 7.44E-01         | 0.79              |

1 - All construction is expected to occur in 2027. If start of construction were delayed causing construction to continue into 2028, emissions factors would be lower in 2028 than 2027. Therefore, accounting for all construction in 2027 provides the most conservative emissions estimate.

Table 9.B.2.11 - Venture Global CP Express, LLC  
Construction Emissions Totals  
(Continued)

| Fugitive Dust |                         |      |                 |       |                  |                   |                 |                 |                  |                   |
|---------------|-------------------------|------|-----------------|-------|------------------|-------------------|-----------------|-----------------|------------------|-------------------|
| Year          | Annual Emissions (tons) |      |                 |       |                  |                   |                 |                 |                  |                   |
|               | CO                      | NOx  | SO <sub>2</sub> | VOC   | PM <sub>10</sub> | PM <sub>2.5</sub> | CO <sub>2</sub> | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e |
| 2027          | -                       | -    | -               | -     | 10.56            | 1.15              | -               | -               | -                | -                 |
| Total         | -                       | -    | -               | -     | 10.56            | 1.15              | -               | -               | -                | -                 |
| Open Burning  |                         |      |                 |       |                  |                   |                 |                 |                  |                   |
| Year          | Annual Emissions (tons) |      |                 |       |                  |                   |                 |                 |                  |                   |
|               | CO                      | NOx  | SO <sub>2</sub> | VOC   | PM <sub>10</sub> | PM <sub>2.5</sub> | CO <sub>2</sub> | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e |
| 2027          | 133.64                  | 3.82 | 0.25            | 18.14 | 16.23            | 16.23             | -               | 5.44            | -                | 152               |
| Total         | 133.64                  | 3.82 | 0.25            | 18.14 | 16.23            | 16.23             | -               | 5.44            | -                | 152               |

| Totals - Criteria and GHG Emissions        |                         |                        |                 |          |                  |                   |                 |                 |                  |                   |
|--------------------------------------------|-------------------------|------------------------|-----------------|----------|------------------|-------------------|-----------------|-----------------|------------------|-------------------|
| Year                                       | Annual Emissions (tons) |                        |                 |          |                  |                   |                 |                 |                  |                   |
|                                            | CO                      | NOx                    | SO <sub>2</sub> | VOC      | PM <sub>10</sub> | PM <sub>2.5</sub> | CO <sub>2</sub> | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e |
| 2027                                       | 138.48                  | 11.97                  | 0.27            | 18.77    | 27.22            | 17.78             | 6,928           | 5.48            | 0.61             | 7,244             |
| Total                                      | 138.48                  | 11.97                  | 0.27            | 18.77    | 27.22            | 17.78             | 6,928           | 5.48            | 0.61             | 7,244             |
| Totals - Hazardous Air Pollutant Emissions |                         |                        |                 |          |                  |                   |                 |                 |                  |                   |
| Year                                       | Annual Emissions (tons) |                        |                 |          |                  |                   |                 |                 |                  |                   |
|                                            | 1,3-Butadiene           | 2,2,4-Trimethylpentane | Acetaldehyde    | Acrolein | Benzene          | Ethyl Benzene     | Formaldehyde    | Hexane          | Naphthalene      | PAH               |
| 2027                                       | 1.09E-03                | 0.01                   | 0.04            | 0.01     | 0.02             | 5.27E-03          | 0.11            | 5.11E-03        | 1.88E-03         | 1.94E-03          |
| Total                                      | 1.09E-03                | 0.01                   | 0.04            | 0.01     | 0.02             | 5.27E-03          | 0.11            | 5.11E-03        | 1.88E-03         | 1.94E-03          |
| Totals - Hazardous Air Pollutant Emissions |                         |                        |                 |          |                  |                   |                 |                 |                  |                   |
| Year                                       | Annual Emissions (tons) |                        |                 |          |                  |                   |                 |                 |                  |                   |
|                                            | Propionaldehyde         | Toluene                | Xylene          | Arsenic  | Chromium VI      | Manganese         | Mercury         | Nickel          | Styrene          | Total HAPs        |
| 2027                                       | 0.01                    | 0.03                   | 0.02            | 1.21E-05 | 3.95E-08         | 1.27E-05          | 1.23E-06        | 0.74            | 3.91E-05         | 1.02              |
| Total                                      | 0.01                    | 0.03                   | 0.02            | 1.21E-05 | 3.95E-08         | 1.27E-05          | 1.23E-06        | 0.74            | 3.91E-05         | 1.02              |

**Venture Global CP Express, LLC**  
**Silsbee Compressor Station**

Table 9.B.3.1 - Venture Global CP Express, LLC  
2027 Non-Road Construction Equipment Exhaust Criteria Pollutant Emissions - Silsbee Compressor Station

| Calendar Year: 2027                                                         |                   |                              |                    |                          |                                                  |                 |                 |      |                  |                   |                          |                                 |           |                                 |                 |                 |      |                  |                   |
|-----------------------------------------------------------------------------|-------------------|------------------------------|--------------------|--------------------------|--------------------------------------------------|-----------------|-----------------|------|------------------|-------------------|--------------------------|---------------------------------|-----------|---------------------------------|-----------------|-----------------|------|------------------|-------------------|
| Equipment Type <sup>1</sup>                                                 | Fuel <sup>1</sup> | Source Category <sup>2</sup> | Engine Rating (hp) | Load Factor <sup>2</sup> | Pollutant Emission Factor <sup>3</sup> (g/hp-hr) |                 |                 |      |                  |                   | No. of Equipment/<br>Day | Equipment<br>Operating Duration |           | Pollutant Emissions (tons/year) |                 |                 |      |                  |                   |
|                                                                             |                   |                              |                    |                          | CO                                               | NO <sub>x</sub> | SO <sub>2</sub> | VOC  | PM <sub>10</sub> | PM <sub>2.5</sub> |                          | Hours/Day                       | Days/Year | CO                              | NO <sub>x</sub> | SO <sub>2</sub> | VOC  | PM <sub>10</sub> | PM <sub>2.5</sub> |
| Aerial Lifts                                                                | Diesel            | 2270003010                   | 80                 | 21%                      | 1.92                                             | 2.28            | 2.03E-03        | 0.31 | 0.25             | 0.25              | 2                        | 12                              | 312       | 0.27                            | 0.32            | 2.82E-04        | 0.04 | 0.04             | 0.03              |
| Air Compressors                                                             | Diesel            | 2270006015                   | 50                 | 43%                      | 0.28                                             | 2.53            | 1.56E-03        | 0.09 | 0.02             | 0.02              | 4                        | 12                              | 312       | 0.10                            | 0.90            | 5.52E-04        | 0.03 | 0.01             | 0.01              |
| Concrete/Industrial Saws                                                    | Diesel            | 2270002039                   | 15                 | 59%                      | 1.49                                             | 3.76            | 2.19E-03        | 0.35 | 0.17             | 0.17              | 2                        | 12                              | 312       | 0.11                            | 0.27            | 1.60E-04        | 0.03 | 0.01             | 0.01              |
| Cranes                                                                      | Diesel            | 2270002045                   | 330                | 43%                      | 0.17                                             | 0.61            | 1.48E-03        | 0.04 | 0.03             | 0.03              | 3                        | 12                              | 312       | 0.30                            | 1.08            | 2.59E-03        | 0.06 | 0.05             | 0.05              |
| Cranes                                                                      | Diesel            | 2270002045                   | 500                | 43%                      | 0.17                                             | 0.61            | 1.48E-03        | 0.04 | 0.03             | 0.03              | 3                        | 12                              | 312       | 0.45                            | 1.63            | 3.93E-03        | 0.10 | 0.08             | 0.08              |
| Dozers                                                                      | Diesel            | 2270002069                   | 140                | 59%                      | 0.07                                             | 0.23            | 1.42E-03        | 0.01 | 0.02             | 0.02              | 4                        | 12                              | 312       | 0.09                            | 0.31            | 1.94E-03        | 0.02 | 0.02             | 0.02              |
| Dozers                                                                      | Diesel            | 2270002069                   | 305                | 59%                      | 0.12                                             | 0.33            | 1.45E-03        | 0.02 | 0.02             | 0.02              | 4                        | 12                              | 312       | 0.36                            | 0.97            | 4.31E-03        | 0.07 | 0.07             | 0.07              |
| Excavators                                                                  | Diesel            | 2270002036                   | 125                | 59%                      | 0.06                                             | 0.20            | 1.42E-03        | 0.01 | 0.01             | 0.01              | 5                        | 12                              | 312       | 0.09                            | 0.30            | 2.16E-03        | 0.01 | 0.02             | 0.02              |
| Excavators                                                                  | Diesel            | 2270002036                   | 520                | 59%                      | 0.07                                             | 0.22            | 1.43E-03        | 0.02 | 0.02             | 0.02              | 3                        | 12                              | 312       | 0.28                            | 0.85            | 5.45E-03        | 0.06 | 0.06             | 0.06              |
| Forklifts                                                                   | Diesel            | 2270003020                   | 90                 | 59%                      | 0.05                                             | 0.86            | 1.57E-03        | 0.01 | 0.01             | 0.01              | 3                        | 12                              | 312       | 0.03                            | 0.56            | 1.03E-03        | 0.00 | 0.01             | 0.01              |
| Generators                                                                  | Diesel            | 2270006005                   | 30                 | 43%                      | 0.65                                             | 2.98            | 1.70E-03        | 0.19 | 0.10             | 0.10              | 4                        | 12                              | 312       | 0.14                            | 0.64            | 3.63E-04        | 0.04 | 0.02             | 0.02              |
| Graders                                                                     | Diesel            | 2270002048                   | 185                | 59%                      | 0.03                                             | 0.14            | 1.42E-03        | 0.01 | 0.01             | 0.01              | 2                        | 12                              | 312       | 0.03                            | 0.13            | 1.28E-03        | 0.01 | 0.01             | 0.01              |
| Pumps                                                                       | Diesel            | 2270006010                   | 75                 | 43%                      | 0.95                                             | 3.30            | 1.79E-03        | 0.20 | 0.15             | 0.14              | 6                        | 12                              | 312       | 0.76                            | 2.64            | 1.43E-03        | 0.16 | 0.12             | 0.11              |
| Rollers                                                                     | Diesel            | 2270002015                   | 50                 | 59%                      | 0.28                                             | 2.53            | 1.57E-03        | 0.09 | 0.02             | 0.02              | 3                        | 12                              | 312       | 0.10                            | 0.92            | 5.73E-04        | 0.03 | 0.01             | 0.01              |
| Trenchers                                                                   | Diesel            | 2270002030                   | 185                | 59%                      | 0.13                                             | 0.38            | 1.46E-03        | 0.03 | 0.03             | 0.03              | 2                        | 12                              | 312       | 0.12                            | 0.34            | 1.32E-03        | 0.03 | 0.03             | 0.02              |
| Welders                                                                     | Diesel            | 2270006025                   | 80                 | 21%                      | 2.22                                             | 2.39            | 2.05E-03        | 0.34 | 0.31             | 0.30              | 3                        | 12                              | 312       | 0.46                            | 0.50            | 4.26E-04        | 0.07 | 0.07             | 0.06              |
| Off Highway Trucks                                                          | Diesel            | 2270002051                   | 303                | 59%                      | 0.03                                             | 0.13            | 1.42E-03        | 0.01 | 0.01             | 0.01              | 3                        | 12                              | 312       | 0.06                            | 0.28            | 3.14E-03        | 0.02 | 0.02             | 0.02              |
| Total                                                                       |                   |                              |                    |                          |                                                  |                 |                 |      |                  |                   |                          |                                 |           | 3.76                            | 12.63           | 0.03            | 0.79 | 0.63             | 0.61              |
| 1. Based on engineering estimates and best currently available information. |                   |                              |                    |                          |                                                  |                 |                 |      |                  |                   |                          |                                 |           |                                 |                 |                 |      |                  |                   |
| 2. Based on EPA MOVES5.0.0.                                                 |                   |                              |                    |                          |                                                  |                 |                 |      |                  |                   |                          |                                 |           |                                 |                 |                 |      |                  |                   |
| 3. EPA MOVES5.0.0 run for calendar year 2027, Jasper County.                |                   |                              |                    |                          |                                                  |                 |                 |      |                  |                   |                          |                                 |           |                                 |                 |                 |      |                  |                   |

Table 9.B.3.2 - Venture Global CP Express, LLC  
2027 Non-Road Construction Equipment Exhaust Greenhouse Gas Emissions - Silsbee Compressor Station

| Calendar Year: 2027                                                                                                                                                                                                                                                                                                                                     |                   |                              |                       |                          |                                                     |                 |                  |                          |                                 |           |                                 |                 |                  |                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------|-----------------------|--------------------------|-----------------------------------------------------|-----------------|------------------|--------------------------|---------------------------------|-----------|---------------------------------|-----------------|------------------|--------------------------------|
| Equipment Type <sup>1</sup>                                                                                                                                                                                                                                                                                                                             | Fuel <sup>1</sup> | Source Category <sup>2</sup> | Engine Rating<br>(hp) | Load Factor <sup>2</sup> | Pollutant Emission Factor <sup>3</sup><br>(g/hp-hr) |                 |                  | No. of Equipment/<br>Day | Equipment<br>Operating Duration |           | Pollutant Emissions (tons/year) |                 |                  |                                |
|                                                                                                                                                                                                                                                                                                                                                         |                   |                              |                       |                          | CO <sub>2</sub>                                     | CH <sub>4</sub> | N <sub>2</sub> O |                          | Hours/Day                       | Days/Year | CO <sub>2</sub>                 | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e <sup>4</sup> |
| Aerial Lifts                                                                                                                                                                                                                                                                                                                                            | Diesel            | 2270003010                   | 80                    | 21%                      | 695.09                                              | 0.02            | 0.04             | 2                        | 12                              | 312       | 96                              | 2.08E-03        | 5.90E-03         | 98                             |
| Air Compressors                                                                                                                                                                                                                                                                                                                                         | Diesel            | 2270006015                   | 50                    | 43%                      | 590.09                                              | 0.01            | 0.04             | 4                        | 12                              | 312       | 209                             | 4.40E-03        | 1.28E-02         | 213                            |
| Concrete/Industrial Saws                                                                                                                                                                                                                                                                                                                                | Diesel            | 2270002039                   | 15                    | 59%                      | 595.15                                              | 0.03            | 0.06             | 2                        | 12                              | 312       | 43                              | 2.26E-03        | 4.04E-03         | 45                             |
| Cranes                                                                                                                                                                                                                                                                                                                                                  | Diesel            | 2270002045                   | 330                   | 43%                      | 530.94                                              | 2.86E-03        | 0.05             | 3                        | 12                              | 312       | 933                             | 5.03E-03        | 8.66E-02         | 956                            |
| Cranes                                                                                                                                                                                                                                                                                                                                                  | Diesel            | 2270002045                   | 500                   | 43%                      | 530.94                                              | 2.86E-03        | 0.05             | 3                        | 12                              | 312       | 1413                            | 7.62E-03        | 1.31E-01         | 1448                           |
| Dozers                                                                                                                                                                                                                                                                                                                                                  | Diesel            | 2270002069                   | 140                   | 59%                      | 536.80                                              | 8.53E-04        | 0.05             | 4                        | 12                              | 312       | 732                             | 1.16E-03        | 6.79E-02         | 750                            |
| Dozers                                                                                                                                                                                                                                                                                                                                                  | Diesel            | 2270002069                   | 305                   | 59%                      | 536.77                                              | 1.67E-03        | 0.05             | 4                        | 12                              | 312       | 1595                            | 4.98E-03        | 1.48E-01         | 1634                           |
| Excavators                                                                                                                                                                                                                                                                                                                                              | Diesel            | 2270002036                   | 125                   | 59%                      | 536.80                                              | 7.13E-04        | 0.05             | 5                        | 12                              | 312       | 817                             | 1.09E-03        | 7.58E-02         | 837                            |
| Excavators                                                                                                                                                                                                                                                                                                                                              | Diesel            | 2270002036                   | 520                   | 59%                      | 536.78                                              | 1.08E-03        | 0.05             | 3                        | 12                              | 312       | 2039                            | 4.12E-03        | 1.89E-01         | 2089                           |
| Forklifts                                                                                                                                                                                                                                                                                                                                               | Diesel            | 2270003020                   | 90                    | 59%                      | 596.13                                              | 5.39E-04        | 0.04             | 3                        | 12                              | 312       | 392                             | 3.55E-04        | 2.40E-02         | 398                            |
| Generators                                                                                                                                                                                                                                                                                                                                              | Diesel            | 2270006005                   | 30                    | 43%                      | 589.82                                              | 0.02            | 0.04             | 4                        | 12                              | 312       | 126                             | 3.76E-03        | 7.69E-03         | 128                            |
| Graders                                                                                                                                                                                                                                                                                                                                                 | Diesel            | 2270002048                   | 185                   | 59%                      | 536.80                                              | 5.72E-04        | 0.05             | 2                        | 12                              | 312       | 484                             | 5.15E-04        | 4.49E-02         | 496                            |
| Pumps                                                                                                                                                                                                                                                                                                                                                   | Diesel            | 2270006010                   | 75                    | 43%                      | 589.78                                              | 0.01            | 0.04             | 6                        | 12                              | 312       | 471                             | 1.15E-02        | 2.88E-02         | 479                            |
| Rollers                                                                                                                                                                                                                                                                                                                                                 | Diesel            | 2270002015                   | 50                    | 59%                      | 595.88                                              | 0.01            | 0.06             | 3                        | 12                              | 312       | 218                             | 4.52E-03        | 2.02E-02         | 223                            |
| Trenchers                                                                                                                                                                                                                                                                                                                                               | Diesel            | 2270002030                   | 185                   | 59%                      | 536.75                                              | 2.16E-03        | 0.05             | 2                        | 12                              | 312       | 484                             | 1.95E-03        | 4.49E-02         | 496                            |
| Welders                                                                                                                                                                                                                                                                                                                                                 | Diesel            | 2270006025                   | 80                    | 21%                      | 695.01                                              | 0.02            | 0.04             | 3                        | 12                              | 312       | 145                             | 3.35E-03        | 8.85E-03         | 147                            |
| Off Highway Trucks                                                                                                                                                                                                                                                                                                                                      | Diesel            | 2270002051                   | 303                   | 59%                      | 536.80                                              | 4.64E-04        | 0.05             | 3                        | 12                              | 312       | 1188                            | 1.03E-03        | 1.10E-01         | 1217                           |
| Total                                                                                                                                                                                                                                                                                                                                                   |                   |                              |                       |                          |                                                     |                 |                  |                          |                                 |           | 11,384                          | 0.06            | 1.01             | 11,653                         |
| 1. Based on engineering estimates and best currently available information.<br>2. Based on EPA MOVES5.0.0.<br>3. EPA MOVES5.0.0 run for calendar year 2027, Jasper County.<br>4. The global warming potentials of CO <sub>2</sub> , CH <sub>4</sub> , and N <sub>2</sub> O are 1, 28, and 265, respectively, based on 40 CFR 98, Table A-1 (Apr. 2024). |                   |                              |                       |                          |                                                     |                 |                  |                          |                                 |           |                                 |                 |                  |                                |

Table 9.B.3.3 - Venture Global CP Express, LLC  
2027 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions - Silsbee Compressor Station

| Calendar Year: 2027                                                                                                                                                              |                   |                              |                    |                          |                                                  |                        |              |          |                      |                              |           |                                 |                        |              |          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------|--------------------|--------------------------|--------------------------------------------------|------------------------|--------------|----------|----------------------|------------------------------|-----------|---------------------------------|------------------------|--------------|----------|
| Equipment Type <sup>1</sup>                                                                                                                                                      | Fuel <sup>1</sup> | Source Category <sup>2</sup> | Engine Rating (hp) | Load Factor <sup>2</sup> | Pollutant Emission Factor <sup>3</sup> (g/hp-hr) |                        |              |          | No. of Equipment/Day | Equipment Operating Duration |           | Pollutant Emissions (tons/year) |                        |              |          |
|                                                                                                                                                                                  |                   |                              |                    |                          | 1,3-Butadiene                                    | 2,2,4-Trimethylpentane | Acetaldehyde | Acrolein |                      | Hours/Day                    | Days/Year | 1,3-Butadiene                   | 2,2,4-Trimethylpentane | Acetaldehyde | Acrolein |
| Aerial Lifts                                                                                                                                                                     | Diesel            | 2270003010                   | 80                 | 21%                      | 5.84E-04                                         | 2.43E-03               | 2.80E-02     | 6.67E-03 | 2                    | 12                           | 312       | 8.10E-05                        | 3.37E-04               | 3.89E-03     | 9.25E-04 |
| Air Compressors                                                                                                                                                                  | Diesel            | 2270006015                   | 50                 | 43%                      | 1.68E-04                                         | 7.27E-04               | 9.51E-03     | 1.70E-03 | 4                    | 12                           | 312       | 5.97E-05                        | 2.58E-04               | 3.38E-03     | 6.03E-04 |
| Concrete/Industrial Saws                                                                                                                                                         | Diesel            | 2270002039                   | 15                 | 59%                      | 6.54E-04                                         | 2.75E-03               | 3.66E-02     | 6.58E-03 | 2                    | 12                           | 312       | 4.78E-05                        | 2.01E-04               | 2.67E-03     | 4.81E-04 |
| Cranes                                                                                                                                                                           | Diesel            | 2270002045                   | 330                | 43%                      | 6.03E-05                                         | 2.71E-04               | 3.43E-03     | 6.13E-04 | 3                    | 12                           | 312       | 1.06E-04                        | 4.76E-04               | 6.02E-03     | 1.08E-03 |
| Cranes                                                                                                                                                                           | Diesel            | 2270002045                   | 500                | 43%                      | 6.03E-05                                         | 2.71E-04               | 3.43E-03     | 6.13E-04 | 3                    | 12                           | 312       | 1.60E-04                        | 7.21E-04               | 9.13E-03     | 1.63E-03 |
| Dozers                                                                                                                                                                           | Diesel            | 2270002069                   | 140                | 59%                      | 1.69E-05                                         | 8.05E-05               | 1.03E-03     | 1.77E-04 | 4                    | 12                           | 312       | 2.30E-05                        | 1.10E-04               | 1.41E-03     | 2.42E-04 |
| Dozers                                                                                                                                                                           | Diesel            | 2270002069                   | 305                | 59%                      | 3.22E-05                                         | 1.58E-04               | 1.99E-03     | 3.40E-04 | 4                    | 12                           | 312       | 9.56E-05                        | 4.68E-04               | 5.93E-03     | 1.01E-03 |
| Excavators                                                                                                                                                                       | Diesel            | 2270002036                   | 125                | 59%                      | 1.42E-05                                         | 6.90E-05               | 8.78E-04     | 1.50E-04 | 5                    | 12                           | 312       | 2.15E-05                        | 1.05E-04               | 1.34E-03     | 2.28E-04 |
| Excavators                                                                                                                                                                       | Diesel            | 2270002036                   | 520                | 59%                      | 2.06E-05                                         | 1.10E-04               | 1.36E-03     | 2.25E-04 | 3                    | 12                           | 312       | 7.82E-05                        | 4.18E-04               | 5.18E-03     | 8.56E-04 |
| Forklifts                                                                                                                                                                        | Diesel            | 2270003020                   | 90                 | 59%                      | 1.14E-05                                         | 5.41E-05               | 6.94E-04     | 1.19E-04 | 3                    | 12                           | 312       | 7.49E-06                        | 3.56E-05               | 4.56E-04     | 7.85E-05 |
| Generators                                                                                                                                                                       | Diesel            | 2270006005                   | 30                 | 43%                      | 3.46E-04                                         | 1.47E-03               | 1.86E-02     | 3.74E-03 | 4                    | 12                           | 312       | 7.36E-05                        | 3.14E-04               | 3.97E-03     | 7.96E-04 |
| Graders                                                                                                                                                                          | Diesel            | 2270002048                   | 185                | 59%                      | 1.14E-05                                         | 7.21E-05               | 8.60E-04     | 1.34E-04 | 2                    | 12                           | 312       | 1.03E-05                        | 6.49E-05               | 7.75E-04     | 1.21E-04 |
| Pumps                                                                                                                                                                            | Diesel            | 2270006010                   | 75                 | 43%                      | 3.70E-04                                         | 1.55E-03               | 1.85E-02     | 4.07E-03 | 6                    | 12                           | 312       | 2.95E-04                        | 1.24E-03               | 1.48E-02     | 3.25E-03 |
| Rollers                                                                                                                                                                          | Diesel            | 2270002015                   | 50                 | 59%                      | 1.68E-04                                         | 7.24E-04               | 9.47E-03     | 1.69E-03 | 3                    | 12                           | 312       | 6.12E-05                        | 2.64E-04               | 3.46E-03     | 6.18E-04 |
| Trenchers                                                                                                                                                                        | Diesel            | 2270002030                   | 185                | 59%                      | 4.46E-05                                         | 2.09E-04               | 2.65E-03     | 4.62E-04 | 2                    | 12                           | 312       | 4.02E-05                        | 1.88E-04               | 2.39E-03     | 4.16E-04 |
| Welders                                                                                                                                                                          | Diesel            | 2270006025                   | 80                 | 21%                      | 6.36E-04                                         | 2.64E-03               | 3.04E-02     | 7.20E-03 | 3                    | 12                           | 312       | 1.32E-04                        | 5.48E-04               | 6.32E-03     | 1.50E-03 |
| Off Highway Trucks                                                                                                                                                               | Diesel            | 2270002051                   | 303                | 59%                      | 9.47E-06                                         | 6.41E-05               | 7.54E-04     | 1.15E-04 | 3                    | 12                           | 312       | 2.10E-05                        | 1.42E-04               | 1.67E-03     | 2.54E-04 |
| Total                                                                                                                                                                            |                   |                              |                    |                          |                                                  |                        |              |          |                      |                              |           | 0.001                           | 0.01                   | 0.07         | 0.01     |
| 1. Based on engineering estimates and best currently available information.                                                                                                      |                   |                              |                    |                          |                                                  |                        |              |          |                      |                              |           |                                 |                        |              |          |
| 2. Based on EPA MOVES5.0.0.                                                                                                                                                      |                   |                              |                    |                          |                                                  |                        |              |          |                      |                              |           |                                 |                        |              |          |
| 3. EPA MOVES5.0.0 run for calendar year 2027, Jasper County. The styrene emissions factor for all nonroad equipment is zero; therefore, styrene is not included in these tables. |                   |                              |                    |                          |                                                  |                        |              |          |                      |                              |           |                                 |                        |              |          |

Table 9.B.3.3 - Venture Global CP Express, LLC  
2027 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions - Silsbee Compressor Station  
(Continued)

| Calendar Year: 2027                                                                                                                                                              |                   |                              |                    |                          |                                                  |               |              |          |            |                       |                              |           |                                 |               |              |          |            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------|--------------------|--------------------------|--------------------------------------------------|---------------|--------------|----------|------------|-----------------------|------------------------------|-----------|---------------------------------|---------------|--------------|----------|------------|
| Equipment Type <sup>1</sup>                                                                                                                                                      | Fuel <sup>1</sup> | Source Category <sup>2</sup> | Engine Rating (hp) | Load Factor <sup>2</sup> | Pollutant Emission Factor <sup>3</sup> (g/hp-hr) |               |              |          |            | No. of Equipment/ Day | Equipment Operating Duration |           | Pollutant Emissions (tons/year) |               |              |          |            |
|                                                                                                                                                                                  |                   |                              |                    |                          | Benzene                                          | Ethyl Benzene | Formaldehyde | Hexane   | Napthalene |                       | Hours/Day                    | Days/Year | Benzene                         | Ethyl Benzene | Formaldehyde | Hexane   | Napthalene |
| Aerial Lifts                                                                                                                                                                     | Diesel            | 2270003010                   | 80                 | 21%                      | 1.14E-02                                         | 1.79E-03      | 7.86E-02     | 4.30E-04 | 1.18E-03   | 2                     | 12                           | 312       | 1.58E-03                        | 2.48E-04      | 1.09E-02     | 5.97E-05 | 1.63E-04   |
| Air Compressors                                                                                                                                                                  | Diesel            | 2270006015                   | 50                 | 43%                      | 4.85E-03                                         | 4.14E-04      | 2.68E-02     | 2.23E-05 | 4.79E-04   | 4                     | 12                           | 312       | 1.72E-03                        | 1.47E-04      | 9.51E-03     | 7.90E-06 | 1.70E-04   |
| Concrete/Industrial Saws                                                                                                                                                         | Diesel            | 2270002039                   | 15                 | 59%                      | 1.90E-02                                         | 1.54E-03      | 1.03E-01     | 0.00E+00 | 1.63E-03   | 2                     | 12                           | 312       | 1.39E-03                        | 1.13E-04      | 7.50E-03     | 0.00E+00 | 1.19E-04   |
| Cranes                                                                                                                                                                           | Diesel            | 2270002045                   | 330                | 43%                      | 1.60E-03                                         | 1.92E-04      | 9.26E-03     | 1.88E-05 | 1.48E-04   | 3                     | 12                           | 312       | 2.80E-03                        | 3.37E-04      | 1.63E-02     | 3.30E-05 | 2.60E-04   |
| Cranes                                                                                                                                                                           | Diesel            | 2270002045                   | 500                | 43%                      | 1.60E-03                                         | 1.92E-04      | 9.26E-03     | 1.88E-05 | 1.48E-04   | 3                     | 12                           | 312       | 4.25E-03                        | 5.11E-04      | 2.47E-02     | 5.01E-05 | 3.95E-04   |
| Dozers                                                                                                                                                                           | Diesel            | 2270002069                   | 140                | 59%                      | 4.91E-04                                         | 6.37E-05      | 2.71E-03     | 2.08E-06 | 4.40E-05   | 4                     | 12                           | 312       | 6.70E-04                        | 8.68E-05      | 3.70E-03     | 2.84E-06 | 6.01E-05   |
| Dozers                                                                                                                                                                           | Diesel            | 2270002069                   | 305                | 59%                      | 9.22E-04                                         | 1.33E-04      | 5.17E-03     | 6.38E-06 | 8.47E-05   | 4                     | 12                           | 312       | 2.74E-03                        | 3.94E-04      | 1.54E-02     | 1.89E-05 | 2.52E-04   |
| Excavators                                                                                                                                                                       | Diesel            | 2270002036                   | 125                | 59%                      | 4.11E-04                                         | 5.76E-05      | 2.28E-03     | 2.06E-06 | 3.71E-05   | 5                     | 12                           | 312       | 6.26E-04                        | 8.76E-05      | 3.47E-03     | 3.14E-06 | 5.64E-05   |
| Excavators                                                                                                                                                                       | Diesel            | 2270002036                   | 520                | 59%                      | 5.96E-04                                         | 1.09E-04      | 3.37E-03     | 5.33E-06 | 5.57E-05   | 3                     | 12                           | 312       | 2.26E-03                        | 4.12E-04      | 1.28E-02     | 2.02E-05 | 2.12E-04   |
| Forklifts                                                                                                                                                                        | Diesel            | 2270003020                   | 90                 | 59%                      | 3.31E-04                                         | 4.28E-05      | 1.82E-03     | 1.23E-06 | 2.92E-05   | 3                     | 12                           | 312       | 2.18E-04                        | 2.81E-05      | 1.20E-03     | 8.08E-07 | 1.92E-05   |
| Generators                                                                                                                                                                       | Diesel            | 2270006005                   | 30                 | 43%                      | 9.10E-03                                         | 9.43E-04      | 5.24E-02     | 8.15E-05 | 8.68E-04   | 4                     | 12                           | 312       | 1.94E-03                        | 2.01E-04      | 1.11E-02     | 1.74E-05 | 1.85E-04   |
| Graders                                                                                                                                                                          | Diesel            | 2270002048                   | 185                | 59%                      | 3.32E-04                                         | 8.92E-05      | 1.94E-03     | 4.94E-06 | 3.20E-05   | 2                     | 12                           | 312       | 2.99E-04                        | 8.03E-05      | 1.74E-03     | 4.45E-06 | 2.88E-05   |
| Pumps                                                                                                                                                                            | Diesel            | 2270006010                   | 75                 | 43%                      | 8.00E-03                                         | 1.06E-03      | 5.20E-02     | 2.27E-04 | 8.24E-04   | 6                     | 12                           | 312       | 6.39E-03                        | 8.50E-04      | 4.15E-02     | 1.81E-04 | 6.58E-04   |
| Rollers                                                                                                                                                                          | Diesel            | 2270002015                   | 50                 | 59%                      | 4.83E-03                                         | 4.13E-04      | 2.67E-02     | 2.23E-05 | 4.77E-04   | 3                     | 12                           | 312       | 1.77E-03                        | 1.51E-04      | 9.75E-03     | 8.14E-06 | 1.74E-04   |
| Trenchers                                                                                                                                                                        | Diesel            | 2270002030                   | 185                | 59%                      | 1.25E-03                                         | 1.60E-04      | 7.03E-03     | 9.59E-06 | 1.13E-04   | 2                     | 12                           | 312       | 1.12E-03                        | 1.44E-04      | 6.34E-03     | 8.64E-06 | 1.02E-04   |
| Welders                                                                                                                                                                          | Diesel            | 2270006025                   | 80                 | 21%                      | 1.22E-02                                         | 1.92E-03      | 8.54E-02     | 4.86E-04 | 1.27E-03   | 3                     | 12                           | 312       | 2.55E-03                        | 4.00E-04      | 1.78E-02     | 1.01E-04 | 2.64E-04   |
| Off Highway Trucks                                                                                                                                                               | Diesel            | 2270002051                   | 303                | 59%                      | 2.75E-04                                         | 8.53E-05      | 1.63E-03     | 4.92E-06 | 2.70E-05   | 3                     | 12                           | 312       | 6.09E-04                        | 1.89E-04      | 3.61E-03     | 1.09E-05 | 5.97E-05   |
| Total                                                                                                                                                                            |                   |                              |                    |                          |                                                  |               |              |          |            |                       |                              |           | 0.03                            | 0.004         | 0.20         | 5.28E-04 | 3.18E-03   |
| 1. Based on engineering estimates and best currently available information.                                                                                                      |                   |                              |                    |                          |                                                  |               |              |          |            |                       |                              |           |                                 |               |              |          |            |
| 2. Based on EPA MOVES5.0.0.                                                                                                                                                      |                   |                              |                    |                          |                                                  |               |              |          |            |                       |                              |           |                                 |               |              |          |            |
| 3. EPA MOVES5.0.0 run for calendar year 2027, Jasper County. The styrene emissions factor for all nonroad equipment is zero; therefore, styrene is not included in these tables. |                   |                              |                    |                          |                                                  |               |              |          |            |                       |                              |           |                                 |               |              |          |            |

Table 9.B.3.3 - Venture Global CP Express, LLC  
2027 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions - Silsbee Compressor Station  
(Continued)

| Calendar Year: 2027                                                                                                                                                                                                                                                                            |                   |                              |                       |                          |                                                  |                 |          |          |                             |                                 |           |                                 |                 |          |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------|-----------------------|--------------------------|--------------------------------------------------|-----------------|----------|----------|-----------------------------|---------------------------------|-----------|---------------------------------|-----------------|----------|----------|
| Equipment Type <sup>1</sup>                                                                                                                                                                                                                                                                    | Fuel <sup>1</sup> | Source Category <sup>2</sup> | Engine Rating<br>(hp) | Load Factor <sup>2</sup> | Pollutant Emission Factor <sup>3</sup> (g/hp-hr) |                 |          |          | No. of<br>Equipment/<br>Day | Equipment<br>Operating Duration |           | Pollutant Emissions (tons/year) |                 |          |          |
|                                                                                                                                                                                                                                                                                                |                   |                              |                       |                          | PAH                                              | Propionaldehyde | Toluene  | Xylene   |                             | Hours/Day                       | Days/Year | PAH                             | Propionaldehyde | Toluene  | Xylene   |
| Aerial Lifts                                                                                                                                                                                                                                                                                   | Diesel            | 2270003010                   | 80                    | 21%                      | 1.37E-03                                         | 7.55E-03        | 8.31E-03 | 5.08E-03 | 2                           | 12                              | 312       | 1.90E-04                        | 1.05E-03        | 1.15E-03 | 7.04E-04 |
| Air Compressors                                                                                                                                                                                                                                                                                | Diesel            | 2270006015                   | 50                    | 43%                      | 3.98E-04                                         | 1.96E-03        | 3.48E-03 | 1.19E-03 | 4                           | 12                              | 312       | 1.41E-04                        | 6.97E-04        | 1.23E-03 | 4.21E-04 |
| Concrete/Industrial Saws                                                                                                                                                                                                                                                                       | Diesel            | 2270002039                   | 15                    | 59%                      | 1.60E-03                                         | 7.74E-03        | 1.33E-02 | 4.08E-03 | 2                           | 12                              | 312       | 1.17E-04                        | 5.65E-04        | 9.71E-04 | 2.98E-04 |
| Cranes                                                                                                                                                                                                                                                                                         | Diesel            | 2270002045                   | 330                   | 43%                      | 1.46E-04                                         | 7.95E-04        | 1.22E-03 | 7.70E-04 | 3                           | 12                              | 312       | 2.56E-04                        | 1.40E-03        | 2.15E-03 | 1.35E-03 |
| Cranes                                                                                                                                                                                                                                                                                         | Diesel            | 2270002045                   | 500                   | 43%                      | 1.46E-04                                         | 7.95E-04        | 1.22E-03 | 7.70E-04 | 3                           | 12                              | 312       | 3.89E-04                        | 2.12E-03        | 3.26E-03 | 2.05E-03 |
| Dozers                                                                                                                                                                                                                                                                                         | Diesel            | 2270002069                   | 140                   | 59%                      | 4.77E-05                                         | 2.05E-04        | 3.81E-04 | 2.78E-04 | 4                           | 12                              | 312       | 6.50E-05                        | 2.80E-04        | 5.20E-04 | 3.80E-04 |
| Dozers                                                                                                                                                                                                                                                                                         | Diesel            | 2270002069                   | 305                   | 59%                      | 8.59E-05                                         | 4.01E-04        | 7.38E-04 | 6.17E-04 | 4                           | 12                              | 312       | 2.55E-04                        | 1.19E-03        | 2.19E-03 | 1.83E-03 |
| Excavators                                                                                                                                                                                                                                                                                     | Diesel            | 2270002036                   | 125                   | 59%                      | 4.00E-05                                         | 1.73E-04        | 3.26E-04 | 2.64E-04 | 5                           | 12                              | 312       | 6.09E-05                        | 2.64E-04        | 4.96E-04 | 4.02E-04 |
| Excavators                                                                                                                                                                                                                                                                                     | Diesel            | 2270002036                   | 520                   | 59%                      | 5.59E-05                                         | 2.59E-04        | 5.12E-04 | 5.64E-04 | 3                           | 12                              | 312       | 2.12E-04                        | 9.83E-04        | 1.95E-03 | 2.14E-03 |
| Forklifts                                                                                                                                                                                                                                                                                      | Diesel            | 2270003020                   | 90                    | 59%                      | 3.29E-05                                         | 1.39E-04        | 2.56E-04 | 1.87E-04 | 3                           | 12                              | 312       | 2.16E-05                        | 9.11E-05        | 1.69E-04 | 1.23E-04 |
| Generators                                                                                                                                                                                                                                                                                     | Diesel            | 2270006005                   | 30                    | 43%                      | 8.48E-04                                         | 3.95E-03        | 6.42E-03 | 2.53E-03 | 4                           | 12                              | 312       | 1.81E-04                        | 8.42E-04        | 1.37E-03 | 5.40E-04 |
| Graders                                                                                                                                                                                                                                                                                        | Diesel            | 2270002048                   | 185                   | 59%                      | 3.12E-05                                         | 1.50E-04        | 3.30E-04 | 5.23E-04 | 2                           | 12                              | 312       | 2.81E-05                        | 1.35E-04        | 2.97E-04 | 4.71E-04 |
| Pumps                                                                                                                                                                                                                                                                                          | Diesel            | 2270006010                   | 75                    | 43%                      | 8.72E-04                                         | 4.75E-03        | 5.83E-03 | 3.05E-03 | 6                           | 12                              | 312       | 6.96E-04                        | 3.79E-03        | 4.66E-03 | 2.43E-03 |
| Rollers                                                                                                                                                                                                                                                                                        | Diesel            | 2270002015                   | 50                    | 59%                      | 3.96E-04                                         | 1.96E-03        | 3.46E-03 | 1.18E-03 | 3                           | 12                              | 312       | 1.45E-04                        | 7.15E-04        | 1.26E-03 | 4.31E-04 |
| Trenchers                                                                                                                                                                                                                                                                                      | Diesel            | 2270002030                   | 185                   | 59%                      | 1.15E-04                                         | 5.68E-04        | 9.69E-04 | 6.90E-04 | 2                           | 12                              | 312       | 1.03E-04                        | 5.12E-04        | 8.73E-04 | 6.21E-04 |
| Welders                                                                                                                                                                                                                                                                                        | Diesel            | 2270006025                   | 80                    | 21%                      | 1.49E-03                                         | 8.42E-03        | 9.00E-03 | 5.52E-03 | 3                           | 12                              | 312       | 3.11E-04                        | 1.75E-03        | 1.87E-03 | 1.15E-03 |
| Off Highway Trucks                                                                                                                                                                                                                                                                             | Diesel            | 2270002051                   | 303                   | 59%                      | 2.62E-05                                         | 1.28E-04        | 2.91E-04 | 5.15E-04 | 3                           | 12                              | 312       | 5.80E-05                        | 2.82E-04        | 6.44E-04 | 1.14E-03 |
| Total                                                                                                                                                                                                                                                                                          |                   |                              |                       |                          |                                                  |                 |          |          |                             |                                 |           | 0.003                           | 0.02            | 0.03     | 0.02     |
| 1. Based on engineering estimates and best currently available information.<br>2. Based on EPA MOVES5.0.0.<br>3. EPA MOVES5.0.0 run for calendar year 2027, Jasper County. The styrene emissions factor for all nonroad equipment is zero; therefore, styrene is not included in these tables. |                   |                              |                       |                          |                                                  |                 |          |          |                             |                                 |           |                                 |                 |          |          |

Table 9.B.3.3 - Venture Global CP Express, LLC  
2027 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions - Silsbee Compressor Station  
(Continued)

| Calendar Year: 2027                                                                                                                                                                                                                                                                            |                   |                              |                    |                          |                                                  |             |           |          |          |                       |                              |           |                                 |             |           |          |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------|--------------------|--------------------------|--------------------------------------------------|-------------|-----------|----------|----------|-----------------------|------------------------------|-----------|---------------------------------|-------------|-----------|----------|----------|
| Equipment Type <sup>1</sup>                                                                                                                                                                                                                                                                    | Fuel <sup>1</sup> | Source Category <sup>2</sup> | Engine Rating (hp) | Load Factor <sup>2</sup> | Pollutant Emission Factor <sup>3</sup> (g/hp-hr) |             |           |          |          | No. of Equipment/ Day | Equipment Operating Duration |           | Pollutant Emissions (tons/year) |             |           |          |          |
|                                                                                                                                                                                                                                                                                                |                   |                              |                    |                          | Arsenic                                          | Chromium VI | Manganese | Mercury  | Nickel   |                       | Hours/Day                    | Days/Year | Arsenic                         | Chromium VI | Manganese | Mercury  | Nickel   |
| Aerial Lifts                                                                                                                                                                                                                                                                                   | Diesel            | 2270003010                   | 80                 | 21%                      | 1.09E-06                                         | 3.93E-09    | 1.53E-06  | 1.45E-08 | 2.61E-06 | 2                     | 12                           | 312       | 1.51E-07                        | 5.46E-10    | 2.12E-07  | 2.01E-09 | 3.63E-07 |
| Air Compressors                                                                                                                                                                                                                                                                                | Diesel            | 2270006015                   | 50                 | 43%                      | 9.25E-07                                         | 3.35E-09    | 1.24E-06  | 1.23E-08 | 2.10E-06 | 4                     | 12                           | 312       | 3.28E-07                        | 1.19E-09    | 4.41E-07  | 4.36E-09 | 7.44E-07 |
| Concrete/Industrial Saws                                                                                                                                                                                                                                                                       | Diesel            | 2270002039                   | 15                 | 59%                      | 9.34E-07                                         | 4.51E-09    | 2.01E-06  | 1.24E-08 | 3.51E-06 | 2                     | 12                           | 312       | 6.82E-08                        | 3.30E-10    | 1.47E-07  | 9.07E-10 | 2.56E-07 |
| Cranes                                                                                                                                                                                                                                                                                         | Diesel            | 2270002045                   | 330                | 43%                      | 8.32E-07                                         | 2.43E-09    | 9.65E-07  | 1.11E-08 | 1.67E-06 | 3                     | 12                           | 312       | 1.46E-06                        | 4.26E-09    | 1.70E-06  | 1.94E-08 | 2.93E-06 |
| Cranes                                                                                                                                                                                                                                                                                         | Diesel            | 2270002045                   | 500                | 43%                      | 8.32E-07                                         | 2.43E-09    | 9.65E-07  | 1.11E-08 | 1.67E-06 | 3                     | 12                           | 312       | 2.22E-06                        | 6.46E-09    | 2.57E-06  | 2.94E-08 | 4.44E-06 |
| Dozers                                                                                                                                                                                                                                                                                         | Diesel            | 2270002069                   | 140                | 59%                      | 8.41E-07                                         | 3.28E-09    | 1.40E-06  | 1.12E-08 | 2.44E-06 | 4                     | 12                           | 312       | 1.15E-06                        | 4.47E-09    | 1.91E-06  | 1.52E-08 | 3.32E-06 |
| Dozers                                                                                                                                                                                                                                                                                         | Diesel            | 2270002069                   | 305                | 59%                      | 8.41E-07                                         | 2.30E-09    | 9.08E-07  | 1.12E-08 | 1.57E-06 | 4                     | 12                           | 312       | 2.50E-06                        | 6.84E-09    | 2.70E-06  | 3.32E-08 | 4.67E-06 |
| Excavators                                                                                                                                                                                                                                                                                     | Diesel            | 2270002036                   | 125                | 59%                      | 8.41E-07                                         | 3.28E-09    | 1.40E-06  | 1.12E-08 | 2.44E-06 | 5                     | 12                           | 312       | 1.28E-06                        | 4.99E-09    | 2.14E-06  | 1.70E-08 | 3.72E-06 |
| Excavators                                                                                                                                                                                                                                                                                     | Diesel            | 2270002036                   | 520                | 59%                      | 8.41E-07                                         | 2.23E-09    | 8.76E-07  | 1.12E-08 | 1.51E-06 | 3                     | 12                           | 312       | 3.20E-06                        | 8.47E-09    | 3.33E-06  | 4.25E-08 | 5.75E-06 |
| Forklifts                                                                                                                                                                                                                                                                                      | Diesel            | 2270003020                   | 90                 | 59%                      | 9.34E-07                                         | 2.85E-09    | 1.01E-06  | 1.24E-08 | 1.69E-06 | 3                     | 12                           | 312       | 6.14E-07                        | 1.87E-09    | 6.62E-07  | 8.16E-09 | 1.11E-06 |
| Generators                                                                                                                                                                                                                                                                                     | Diesel            | 2270006005                   | 30                 | 43%                      | 9.25E-07                                         | 3.59E-09    | 1.40E-06  | 1.23E-08 | 2.39E-06 | 4                     | 12                           | 312       | 1.97E-07                        | 7.64E-10    | 2.98E-07  | 2.62E-09 | 5.09E-07 |
| Graders                                                                                                                                                                                                                                                                                        | Diesel            | 2270002048                   | 185                | 59%                      | 8.41E-07                                         | 2.18E-09    | 8.54E-07  | 1.12E-08 | 1.48E-06 | 2                     | 12                           | 312       | 7.58E-07                        | 1.96E-09    | 7.69E-07  | 1.01E-08 | 1.33E-06 |
| Pumps                                                                                                                                                                                                                                                                                          | Diesel            | 2270006010                   | 75                 | 43%                      | 9.25E-07                                         | 3.69E-09    | 1.47E-06  | 1.23E-08 | 2.52E-06 | 6                     | 12                           | 312       | 7.39E-07                        | 2.94E-09    | 1.17E-06  | 9.82E-09 | 2.01E-06 |
| Rollers                                                                                                                                                                                                                                                                                        | Diesel            | 2270002015                   | 50                 | 59%                      | 9.34E-07                                         | 3.38E-09    | 1.25E-06  | 1.24E-08 | 2.12E-06 | 3                     | 12                           | 312       | 3.41E-07                        | 1.23E-09    | 4.58E-07  | 4.54E-09 | 7.73E-07 |
| Trenchers                                                                                                                                                                                                                                                                                      | Diesel            | 2270002030                   | 185                | 59%                      | 8.41E-07                                         | 2.35E-09    | 9.32E-07  | 1.12E-08 | 1.61E-06 | 2                     | 12                           | 312       | 7.58E-07                        | 2.11E-09    | 8.39E-07  | 1.01E-08 | 1.45E-06 |
| Welders                                                                                                                                                                                                                                                                                        | Diesel            | 2270006025                   | 80                 | 21%                      | 1.09E-06                                         | 4.02E-09    | 1.58E-06  | 1.45E-08 | 2.70E-06 | 3                     | 12                           | 312       | 2.27E-07                        | 8.37E-10    | 3.29E-07  | 3.02E-09 | 5.62E-07 |
| Off Highway Trucks                                                                                                                                                                                                                                                                             | Diesel            | 2270002051                   | 303                | 59%                      | 8.41E-07                                         | 2.16E-09    | 8.48E-07  | 1.12E-08 | 1.47E-06 | 3                     | 12                           | 312       | 1.86E-06                        | 4.79E-09    | 1.88E-06  | 2.48E-08 | 3.25E-06 |
| Total                                                                                                                                                                                                                                                                                          |                   |                              |                    |                          |                                                  |             |           |          |          |                       |                              |           | 1.78E-05                        | 5.41E-08    | 2.15E-05  | 2.37E-07 | 3.72E-05 |
| 1. Based on engineering estimates and best currently available information.<br>2. Based on EPA MOVES5.0.0.<br>3. EPA MOVES5.0.0 run for calendar year 2027, Jasper County. The styrene emissions factor for all nonroad equipment is zero; therefore, styrene is not included in these tables. |                   |                              |                    |                          |                                                  |             |           |          |          |                       |                              |           |                                 |             |           |          |          |

Table 9.B.3.4 - Venture Global CP Express, LLC  
2028 Non-Road Construction Equipment Exhaust Criteria Pollutant Emissions - Silsbee Compressor Station

| Calendar Year: 2028                                                         |                   |                              |                    |                          |                                                  |                 |                 |      |                  |                   |                          |                                 |           |                                 |                 |                 |      |                  |                   |
|-----------------------------------------------------------------------------|-------------------|------------------------------|--------------------|--------------------------|--------------------------------------------------|-----------------|-----------------|------|------------------|-------------------|--------------------------|---------------------------------|-----------|---------------------------------|-----------------|-----------------|------|------------------|-------------------|
| Equipment Type <sup>1</sup>                                                 | Fuel <sup>1</sup> | Source Category <sup>2</sup> | Engine Rating (hp) | Load Factor <sup>2</sup> | Pollutant Emission Factor <sup>3</sup> (g/hp-hr) |                 |                 |      |                  |                   | No. of<br>Equipment/ Day | Equipment<br>Operating Duration |           | Pollutant Emissions (tons/year) |                 |                 |      |                  |                   |
|                                                                             |                   |                              |                    |                          | CO                                               | NO <sub>x</sub> | SO <sub>2</sub> | VOC  | PM <sub>10</sub> | PM <sub>2.5</sub> |                          | Hours/Day                       | Days/Year | CO                              | NO <sub>x</sub> | SO <sub>2</sub> | VOC  | PM <sub>10</sub> | PM <sub>2.5</sub> |
| Aerial Lifts                                                                | Diesel            | 2270003010                   | 80                 | 21%                      | 1.73                                             | 2.12            | 2.01E-03        | 0.28 | 0.23             | 0.22              | 2                        | 12                              | 312       | 0.24                            | 0.29            | 2.79E-04        | 0.04 | 0.03             | 0.03              |
| Air Compressors                                                             | Diesel            | 2270006015                   | 50                 | 43%                      | 0.28                                             | 2.53            | 1.55E-03        | 0.09 | 0.02             | 0.02              | 4                        | 12                              | 312       | 0.10                            | 0.90            | 5.52E-04        | 0.03 | 0.01             | 0.01              |
| Concrete/Industrial Saws                                                    | Diesel            | 2270002039                   | 15                 | 59%                      | 1.49                                             | 3.76            | 2.19E-03        | 0.35 | 0.17             | 0.17              | 2                        | 12                              | 312       | 0.11                            | 0.27            | 1.60E-04        | 0.03 | 0.01             | 0.01              |
| Cranes                                                                      | Diesel            | 2270002045                   | 330                | 43%                      | 0.15                                             | 0.53            | 1.46E-03        | 0.03 | 0.03             | 0.02              | 3                        | 12                              | 312       | 0.25                            | 0.92            | 2.57E-03        | 0.06 | 0.04             | 0.04              |
| Cranes                                                                      | Diesel            | 2270002045                   | 500                | 43%                      | 0.15                                             | 0.53            | 1.46E-03        | 0.03 | 0.03             | 0.02              | 3                        | 12                              | 312       | 0.39                            | 1.40            | 3.90E-03        | 0.09 | 0.07             | 0.07              |
| Dozers                                                                      | Diesel            | 2270002069                   | 140                | 59%                      | 0.06                                             | 0.21            | 1.42E-03        | 0.01 | 0.01             | 0.01              | 4                        | 12                              | 312       | 0.09                            | 0.28            | 1.94E-03        | 0.01 | 0.02             | 0.02              |
| Dozers                                                                      | Diesel            | 2270002069                   | 305                | 59%                      | 0.10                                             | 0.28            | 1.44E-03        | 0.02 | 0.02             | 0.02              | 4                        | 12                              | 312       | 0.30                            | 0.85            | 4.29E-03        | 0.06 | 0.06             | 0.06              |
| Excavators                                                                  | Diesel            | 2270002036                   | 125                | 59%                      | 0.06                                             | 0.18            | 1.42E-03        | 0.01 | 0.01             | 0.01              | 5                        | 12                              | 312       | 0.08                            | 0.28            | 2.15E-03        | 0.01 | 0.02             | 0.02              |
| Excavators                                                                  | Diesel            | 2270002036                   | 520                | 59%                      | 0.05                                             | 0.18            | 1.43E-03        | 0.01 | 0.01             | 0.01              | 3                        | 12                              | 312       | 0.20                            | 0.70            | 5.42E-03        | 0.05 | 0.05             | 0.04              |
| Forklifts                                                                   | Diesel            | 2270003020                   | 90                 | 59%                      | 0.05                                             | 0.86            | 1.57E-03        | 0.01 | 0.01             | 0.01              | 3                        | 12                              | 312       | 0.03                            | 0.56            | 1.03E-03        | 0.00 | 0.01             | 0.01              |
| Generators                                                                  | Diesel            | 2270006005                   | 30                 | 43%                      | 0.58                                             | 2.91            | 1.68E-03        | 0.17 | 0.09             | 0.08              | 4                        | 12                              | 312       | 0.12                            | 0.62            | 3.58E-04        | 0.04 | 0.02             | 0.02              |
| Graders                                                                     | Diesel            | 2270002048                   | 185                | 59%                      | 0.03                                             | 0.13            | 1.42E-03        | 0.01 | 0.01             | 0.01              | 2                        | 12                              | 312       | 0.03                            | 0.12            | 1.28E-03        | 0.01 | 0.01             | 0.01              |
| Pumps                                                                       | Diesel            | 2270006010                   | 75                 | 43%                      | 0.89                                             | 3.23            | 1.77E-03        | 0.19 | 0.14             | 0.13              | 6                        | 12                              | 312       | 0.71                            | 2.58            | 1.41E-03        | 0.15 | 0.11             | 0.11              |
| Rollers                                                                     | Diesel            | 2270002015                   | 50                 | 59%                      | 0.28                                             | 2.53            | 1.57E-03        | 0.09 | 0.02             | 0.02              | 3                        | 12                              | 312       | 0.10                            | 0.92            | 5.73E-04        | 0.03 | 0.01             | 0.01              |
| Trenchers                                                                   | Diesel            | 2270002030                   | 185                | 59%                      | 0.11                                             | 0.32            | 1.45E-03        | 0.02 | 0.02             | 0.02              | 2                        | 12                              | 312       | 0.10                            | 0.29            | 1.31E-03        | 0.02 | 0.02             | 0.02              |
| Welders                                                                     | Diesel            | 2270006025                   | 80                 | 21%                      | 2.04                                             | 2.26            | 2.03E-03        | 0.31 | 0.29             | 0.28              | 3                        | 12                              | 312       | 0.42                            | 0.47            | 4.23E-04        | 0.06 | 0.06             | 0.06              |
| Off Highway Trucks                                                          | Diesel            | 2270002051                   | 303                | 59%                      | 0.02                                             | 0.12            | 1.42E-03        | 0.01 | 0.01             | 0.01              | 3                        | 12                              | 312       | 0.05                            | 0.26            | 3.13E-03        | 0.02 | 0.02             | 0.02              |
| Total                                                                       |                   |                              |                    |                          |                                                  |                 |                 |      |                  |                   |                          |                                 |           | 3.33                            | 11.72           | 0.03            | 0.72 | 0.56             | 0.54              |
| 1. Based on engineering estimates and best currently available information. |                   |                              |                    |                          |                                                  |                 |                 |      |                  |                   |                          |                                 |           |                                 |                 |                 |      |                  |                   |
| 2. Based on EPA MOVES5.0.0.                                                 |                   |                              |                    |                          |                                                  |                 |                 |      |                  |                   |                          |                                 |           |                                 |                 |                 |      |                  |                   |
| 3. EPA MOVES5.0.0 run for calendar year 2028, Jasper County.                |                   |                              |                    |                          |                                                  |                 |                 |      |                  |                   |                          |                                 |           |                                 |                 |                 |      |                  |                   |

Table 9.B.3.5 - Venture Global CP Express, LLC  
2028 Non-Road Construction Equipment Exhaust Greenhouse Gas Emissions - Silsbee Compressor Station

| Calendar Year: 2028                                                                                                                                                                                                                                                                                                                                     |                   |                              |                       |                          |                                                     |                 |                  |                          |                                 |           |                                 |                 |                  |                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------|-----------------------|--------------------------|-----------------------------------------------------|-----------------|------------------|--------------------------|---------------------------------|-----------|---------------------------------|-----------------|------------------|--------------------------------|
| Equipment Type <sup>1</sup>                                                                                                                                                                                                                                                                                                                             | Fuel <sup>1</sup> | Source Category <sup>2</sup> | Engine Rating<br>(hp) | Load Factor <sup>2</sup> | Pollutant Emission Factor <sup>3</sup><br>(g/hp-hr) |                 |                  | No. of Equipment/<br>Day | Equipment<br>Operating Duration |           | Pollutant Emissions (tons/year) |                 |                  |                                |
|                                                                                                                                                                                                                                                                                                                                                         |                   |                              |                       |                          | CO <sub>2</sub>                                     | CH <sub>4</sub> | N <sub>2</sub> O |                          | Hours/Day                       | Days/Year | CO <sub>2</sub>                 | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e <sup>4</sup> |
| Aerial Lifts                                                                                                                                                                                                                                                                                                                                            | Diesel            | 2270003010                   | 80                    | 21%                      | 695.20                                              | 0.01            | 0.04             | 2                        | 12                              | 312       | 96                              | 1.91E-03        | 5.90E-03         | 98                             |
| Air Compressors                                                                                                                                                                                                                                                                                                                                         | Diesel            | 2270006015                   | 50                    | 43%                      | 590.09                                              | 0.01            | 0.04             | 4                        | 12                              | 312       | 209                             | 4.39E-03        | 1.28E-02         | 213                            |
| Concrete/Industrial Saws                                                                                                                                                                                                                                                                                                                                | Diesel            | 2270002039                   | 15                    | 59%                      | 595.15                                              | 0.03            | 0.06             | 2                        | 12                              | 312       | 43                              | 2.26E-03        | 4.04E-03         | 45                             |
| Cranes                                                                                                                                                                                                                                                                                                                                                  | Diesel            | 2270002045                   | 330                   | 43%                      | 530.95                                              | 2.47E-03        | 0.05             | 3                        | 12                              | 312       | 933                             | 4.34E-03        | 8.66E-02         | 956                            |
| Cranes                                                                                                                                                                                                                                                                                                                                                  | Diesel            | 2270002045                   | 500                   | 43%                      | 530.95                                              | 2.47E-03        | 0.05             | 3                        | 12                              | 312       | 1413                            | 6.58E-03        | 1.31E-01         | 1448                           |
| Dozers                                                                                                                                                                                                                                                                                                                                                  | Diesel            | 2270002069                   | 140                   | 59%                      | 536.80                                              | 7.74E-04        | 0.05             | 4                        | 12                              | 312       | 732                             | 1.06E-03        | 6.79E-02         | 750                            |
| Dozers                                                                                                                                                                                                                                                                                                                                                  | Diesel            | 2270002069                   | 305                   | 59%                      | 536.77                                              | 1.42E-03        | 0.05             | 4                        | 12                              | 312       | 1595                            | 4.22E-03        | 1.48E-01         | 1634                           |
| Excavators                                                                                                                                                                                                                                                                                                                                              | Diesel            | 2270002036                   | 125                   | 59%                      | 536.80                                              | 6.51E-04        | 0.05             | 5                        | 12                              | 312       | 817                             | 9.91E-04        | 7.58E-02         | 837                            |
| Excavators                                                                                                                                                                                                                                                                                                                                              | Diesel            | 2270002036                   | 520                   | 59%                      | 536.79                                              | 8.34E-04        | 0.05             | 3                        | 12                              | 312       | 2039                            | 3.17E-03        | 1.89E-01         | 2089                           |
| Forklifts                                                                                                                                                                                                                                                                                                                                               | Diesel            | 2270003020                   | 90                    | 59%                      | 596.13                                              | 5.39E-04        | 0.04             | 3                        | 12                              | 312       | 392                             | 3.55E-04        | 2.40E-02         | 398                            |
| Generators                                                                                                                                                                                                                                                                                                                                              | Diesel            | 2270006005                   | 30                    | 43%                      | 589.87                                              | 0.02            | 0.04             | 4                        | 12                              | 312       | 126                             | 3.58E-03        | 7.69E-03         | 128                            |
| Graders                                                                                                                                                                                                                                                                                                                                                 | Diesel            | 2270002048                   | 185                   | 59%                      | 536.80                                              | 5.04E-04        | 0.05             | 2                        | 12                              | 312       | 484                             | 4.54E-04        | 4.49E-02         | 496                            |
| Pumps                                                                                                                                                                                                                                                                                                                                                   | Diesel            | 2270006010                   | 75                    | 43%                      | 589.83                                              | 0.01            | 0.04             | 6                        | 12                              | 312       | 471                             | 1.12E-02        | 2.88E-02         | 479                            |
| Rollers                                                                                                                                                                                                                                                                                                                                                 | Diesel            | 2270002015                   | 50                    | 59%                      | 595.88                                              | 0.01            | 0.06             | 3                        | 12                              | 312       | 218                             | 4.52E-03        | 2.02E-02         | 223                            |
| Trenchers                                                                                                                                                                                                                                                                                                                                               | Diesel            | 2270002030                   | 185                   | 59%                      | 536.76                                              | 1.79E-03        | 0.05             | 2                        | 12                              | 312       | 484                             | 1.61E-03        | 4.49E-02         | 496                            |
| Welders                                                                                                                                                                                                                                                                                                                                                 | Diesel            | 2270006025                   | 80                    | 21%                      | 695.11                                              | 0.02            | 0.04             | 3                        | 12                              | 312       | 145                             | 3.14E-03        | 8.85E-03         | 147                            |
| Off Highway Trucks                                                                                                                                                                                                                                                                                                                                      | Diesel            | 2270002051                   | 303                   | 59%                      | 536.80                                              | 4.13E-04        | 0.05             | 3                        | 12                              | 312       | 1188                            | 9.15E-04        | 1.10E-01         | 1217                           |
| Total                                                                                                                                                                                                                                                                                                                                                   |                   |                              |                       |                          |                                                     |                 |                  |                          |                                 |           | 11,384                          | 0.05            | 1.01             | 11,654                         |
| 1. Based on engineering estimates and best currently available information.<br>2. Based on EPA MOVES5.0.0.<br>3. EPA MOVES5.0.0 run for calendar year 2028, Jasper County.<br>4. The global warming potentials of CO <sub>2</sub> , CH <sub>4</sub> , and N <sub>2</sub> O are 1, 28, and 265, respectively, based on 40 CFR 98, Table A-1 (Apr. 2024). |                   |                              |                       |                          |                                                     |                 |                  |                          |                                 |           |                                 |                 |                  |                                |

Table 9.B.3.6 - Venture Global CP Express, LLC  
2028 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions - Silsbee Compressor Station

| Calendar Year: 2028                                                                                                                                                              |                   |                              |                    |                          |                                                  |                        |              |          |                      |                              |           |                                 |                        |              |          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------|--------------------|--------------------------|--------------------------------------------------|------------------------|--------------|----------|----------------------|------------------------------|-----------|---------------------------------|------------------------|--------------|----------|
| Equipment Type <sup>1</sup>                                                                                                                                                      | Fuel <sup>1</sup> | Source Category <sup>2</sup> | Engine Rating (hp) | Load Factor <sup>2</sup> | Pollutant Emission Factor <sup>3</sup> (g/hp-hr) |                        |              |          | No. of Equipment/Day | Equipment Operating Duration |           | Pollutant Emissions (tons/year) |                        |              |          |
|                                                                                                                                                                                  |                   |                              |                    |                          | 1,3-Butadiene                                    | 2,2,4-Trimethylpentane | Acetaldehyde | Acrolein |                      | Hours/Day                    | Days/Year | 1,3-Butadiene                   | 2,2,4-Trimethylpentane | Acetaldehyde | Acrolein |
| Aerial Lifts                                                                                                                                                                     | Diesel            | 2270003010                   | 80                 | 21%                      | 5.14E-04                                         | 2.14E-03               | 2.49E-02     | 5.87E-03 | 2                    | 12                           | 312       | 7.13E-05                        | 2.97E-04               | 3.45E-03     | 8.14E-04 |
| Air Compressors                                                                                                                                                                  | Diesel            | 2270006015                   | 50                 | 43%                      | 1.68E-04                                         | 7.24E-04               | 9.48E-03     | 1.69E-03 | 4                    | 12                           | 312       | 5.95E-05                        | 2.57E-04               | 3.36E-03     | 6.01E-04 |
| Concrete/Industrial Saws                                                                                                                                                         | Diesel            | 2270002039                   | 15                 | 59%                      | 6.54E-04                                         | 2.75E-03               | 3.66E-02     | 6.58E-03 | 2                    | 12                           | 312       | 4.78E-05                        | 2.01E-04               | 2.67E-03     | 4.80E-04 |
| Cranes                                                                                                                                                                           | Diesel            | 2270002045                   | 330                | 43%                      | 5.19E-05                                         | 2.37E-04               | 3.00E-03     | 5.29E-04 | 3                    | 12                           | 312       | 9.12E-05                        | 4.16E-04               | 5.27E-03     | 9.29E-04 |
| Cranes                                                                                                                                                                           | Diesel            | 2270002045                   | 500                | 43%                      | 5.19E-05                                         | 2.37E-04               | 3.00E-03     | 5.29E-04 | 3                    | 12                           | 312       | 1.38E-04                        | 6.31E-04               | 7.99E-03     | 1.41E-03 |
| Dozers                                                                                                                                                                           | Diesel            | 2270002069                   | 140                | 59%                      | 1.54E-05                                         | 7.41E-05               | 9.46E-04     | 1.62E-04 | 4                    | 12                           | 312       | 2.10E-05                        | 1.01E-04               | 1.29E-03     | 2.21E-04 |
| Dozers                                                                                                                                                                           | Diesel            | 2270002069                   | 305                | 59%                      | 2.72E-05                                         | 1.37E-04               | 1.72E-03     | 2.91E-04 | 4                    | 12                           | 312       | 8.09E-05                        | 4.08E-04               | 5.12E-03     | 8.65E-04 |
| Excavators                                                                                                                                                                       | Diesel            | 2270002036                   | 125                | 59%                      | 1.30E-05                                         | 6.41E-05               | 8.13E-04     | 1.38E-04 | 5                    | 12                           | 312       | 1.97E-05                        | 9.76E-05               | 1.24E-03     | 2.10E-04 |
| Excavators                                                                                                                                                                       | Diesel            | 2270002036                   | 520                | 59%                      | 1.57E-05                                         | 8.97E-05               | 1.09E-03     | 1.76E-04 | 3                    | 12                           | 312       | 5.95E-05                        | 3.41E-04               | 4.16E-03     | 6.70E-04 |
| Forklifts                                                                                                                                                                        | Diesel            | 2270003020                   | 90                 | 59%                      | 1.14E-05                                         | 5.41E-05               | 6.94E-04     | 1.19E-04 | 3                    | 12                           | 312       | 7.49E-06                        | 3.56E-05               | 4.56E-04     | 7.85E-05 |
| Generators                                                                                                                                                                       | Diesel            | 2270006005                   | 30                 | 43%                      | 3.12E-04                                         | 1.33E-03               | 1.70E-02     | 3.32E-03 | 4                    | 12                           | 312       | 6.64E-05                        | 2.83E-04               | 3.61E-03     | 7.08E-04 |
| Graders                                                                                                                                                                          | Diesel            | 2270002048                   | 185                | 59%                      | 1.02E-05                                         | 6.73E-05               | 7.97E-04     | 1.22E-04 | 2                    | 12                           | 312       | 9.23E-06                        | 6.06E-05               | 7.18E-04     | 1.10E-04 |
| Pumps                                                                                                                                                                            | Diesel            | 2270006010                   | 75                 | 43%                      | 3.43E-04                                         | 1.44E-03               | 1.73E-02     | 3.76E-03 | 6                    | 12                           | 312       | 2.74E-04                        | 1.15E-03               | 1.38E-02     | 3.01E-03 |
| Rollers                                                                                                                                                                          | Diesel            | 2270002015                   | 50                 | 59%                      | 1.68E-04                                         | 7.24E-04               | 9.47E-03     | 1.69E-03 | 3                    | 12                           | 312       | 6.12E-05                        | 2.64E-04               | 3.46E-03     | 6.18E-04 |
| Trenchers                                                                                                                                                                        | Diesel            | 2270002030                   | 185                | 59%                      | 3.68E-05                                         | 1.76E-04               | 2.23E-03     | 3.84E-04 | 2                    | 12                           | 312       | 3.31E-05                        | 1.59E-04               | 2.01E-03     | 3.46E-04 |
| Welders                                                                                                                                                                          | Diesel            | 2270006025                   | 80                 | 21%                      | 5.74E-04                                         | 2.38E-03               | 2.76E-02     | 6.47E-03 | 3                    | 12                           | 312       | 1.19E-04                        | 4.95E-04               | 5.75E-03     | 1.35E-03 |
| Off Highway Trucks                                                                                                                                                               | Diesel            | 2270002051                   | 303                | 59%                      | 8.58E-06                                         | 6.05E-05               | 7.05E-04     | 1.06E-04 | 3                    | 12                           | 312       | 1.90E-05                        | 1.34E-04               | 1.56E-03     | 2.34E-04 |
| Total                                                                                                                                                                            |                   |                              |                    |                          |                                                  |                        |              |          |                      |                              |           | 0.001                           | 0.005                  | 0.07         | 0.01     |
| 1. Based on engineering estimates and best currently available information.                                                                                                      |                   |                              |                    |                          |                                                  |                        |              |          |                      |                              |           |                                 |                        |              |          |
| 2. Based on EPA MOVES5.0.0.                                                                                                                                                      |                   |                              |                    |                          |                                                  |                        |              |          |                      |                              |           |                                 |                        |              |          |
| 3. EPA MOVES5.0.0 run for calendar year 2028, Jasper County. The styrene emissions factor for all nonroad equipment is zero; therefore, styrene is not included in these tables. |                   |                              |                    |                          |                                                  |                        |              |          |                      |                              |           |                                 |                        |              |          |

Table 9.B.3.6 - Venture Global CP Express, LLC  
2028 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions - Silsbee Compressor Station  
(Continued)

| Calendar Year: 2028                                                                                                                                                              |                   |                              |                    |                          |                                                  |               |              |          |            |                       |                              |           |                                 |               |              |          |            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------|--------------------|--------------------------|--------------------------------------------------|---------------|--------------|----------|------------|-----------------------|------------------------------|-----------|---------------------------------|---------------|--------------|----------|------------|
| Equipment Type <sup>1</sup>                                                                                                                                                      | Fuel <sup>1</sup> | Source Category <sup>2</sup> | Engine Rating (hp) | Load Factor <sup>2</sup> | Pollutant Emission Factor <sup>3</sup> (g/hp-hr) |               |              |          |            | No. of Equipment/ Day | Equipment Operating Duration |           | Pollutant Emissions (tons/year) |               |              |          |            |
|                                                                                                                                                                                  |                   |                              |                    |                          | Benzene                                          | Ethyl Benzene | Formaldehyde | Hexane   | Napthalene |                       | Hours/Day                    | Days/Year | Benzene                         | Ethyl Benzene | Formaldehyde | Hexane   | Napthalene |
| Aerial Lifts                                                                                                                                                                     | Diesel            | 2270003010                   | 80                 | 21%                      | 1.03E-02                                         | 1.57E-03      | 6.98E-02     | 3.60E-04 | 1.05E-03   | 2                     | 12                           | 312       | 1.42E-03                        | 2.18E-04      | 9.68E-03     | 4.99E-05 | 1.46E-04   |
| Air Compressors                                                                                                                                                                  | Diesel            | 2270006015                   | 50                 | 43%                      | 4.83E-03                                         | 4.13E-04      | 2.67E-02     | 2.23E-05 | 4.77E-04   | 4                     | 12                           | 312       | 1.72E-03                        | 1.47E-04      | 9.48E-03     | 7.90E-06 | 1.69E-04   |
| Concrete/Industrial Saws                                                                                                                                                         | Diesel            | 2270002039                   | 15                 | 59%                      | 1.90E-02                                         | 1.54E-03      | 1.03E-01     | 0.00E+00 | 1.63E-03   | 2                     | 12                           | 312       | 1.39E-03                        | 1.13E-04      | 7.50E-03     | 0.00E+00 | 1.19E-04   |
| Cranes                                                                                                                                                                           | Diesel            | 2270002045                   | 330                | 43%                      | 1.39E-03                                         | 1.73E-04      | 8.04E-03     | 1.54E-05 | 1.29E-04   | 3                     | 12                           | 312       | 2.45E-03                        | 3.04E-04      | 1.41E-02     | 2.71E-05 | 2.26E-04   |
| Cranes                                                                                                                                                                           | Diesel            | 2270002045                   | 500                | 43%                      | 1.39E-03                                         | 1.73E-04      | 8.04E-03     | 1.54E-05 | 1.29E-04   | 3                     | 12                           | 312       | 3.71E-03                        | 4.61E-04      | 2.14E-02     | 4.11E-05 | 3.42E-04   |
| Dozers                                                                                                                                                                           | Diesel            | 2270002069                   | 140                | 59%                      | 4.47E-04                                         | 6.03E-05      | 2.47E-03     | 2.07E-06 | 4.02E-05   | 4                     | 12                           | 312       | 6.09E-04                        | 8.22E-05      | 3.37E-03     | 2.82E-06 | 5.48E-05   |
| Dozers                                                                                                                                                                           | Diesel            | 2270002069                   | 305                | 59%                      | 7.81E-04                                         | 1.22E-04      | 4.40E-03     | 6.02E-06 | 7.23E-05   | 4                     | 12                           | 312       | 2.32E-03                        | 3.64E-04      | 1.31E-02     | 1.79E-05 | 2.15E-04   |
| Excavators                                                                                                                                                                       | Diesel            | 2270002036                   | 125                | 59%                      | 3.77E-04                                         | 5.50E-05      | 2.10E-03     | 2.05E-06 | 3.41E-05   | 5                     | 12                           | 312       | 5.74E-04                        | 8.37E-05      | 3.19E-03     | 3.12E-06 | 5.18E-05   |
| Excavators                                                                                                                                                                       | Diesel            | 2270002036                   | 520                | 59%                      | 4.54E-04                                         | 9.81E-05      | 2.60E-03     | 5.14E-06 | 4.33E-05   | 3                     | 12                           | 312       | 1.73E-03                        | 3.72E-04      | 9.89E-03     | 1.95E-05 | 1.65E-04   |
| Forklifts                                                                                                                                                                        | Diesel            | 2270003020                   | 90                 | 59%                      | 3.31E-04                                         | 4.28E-05      | 1.82E-03     | 1.23E-06 | 2.92E-05   | 3                     | 12                           | 312       | 2.18E-04                        | 2.81E-05      | 1.20E-03     | 8.08E-07 | 1.92E-05   |
| Generators                                                                                                                                                                       | Diesel            | 2270006005                   | 30                 | 43%                      | 8.37E-03                                         | 8.31E-04      | 4.77E-02     | 6.51E-05 | 7.96E-04   | 4                     | 12                           | 312       | 1.78E-03                        | 1.77E-04      | 1.02E-02     | 1.39E-05 | 1.70E-04   |
| Graders                                                                                                                                                                          | Diesel            | 2270002048                   | 185                | 59%                      | 2.98E-04                                         | 8.69E-05      | 1.75E-03     | 4.91E-06 | 2.90E-05   | 2                     | 12                           | 312       | 2.68E-04                        | 7.83E-05      | 1.58E-03     | 4.43E-06 | 2.61E-05   |
| Pumps                                                                                                                                                                            | Diesel            | 2270006010                   | 75                 | 43%                      | 7.60E-03                                         | 9.80E-04      | 4.87E-02     | 1.98E-04 | 7.78E-04   | 6                     | 12                           | 312       | 6.07E-03                        | 7.82E-04      | 3.89E-02     | 1.58E-04 | 6.21E-04   |
| Rollers                                                                                                                                                                          | Diesel            | 2270002015                   | 50                 | 59%                      | 4.83E-03                                         | 4.13E-04      | 2.67E-02     | 2.23E-05 | 4.77E-04   | 3                     | 12                           | 312       | 1.77E-03                        | 1.51E-04      | 9.75E-03     | 8.14E-06 | 1.74E-04   |
| Trenchers                                                                                                                                                                        | Diesel            | 2270002030                   | 185                | 59%                      | 1.03E-03                                         | 1.43E-04      | 5.83E-03     | 8.29E-06 | 9.40E-05   | 2                     | 12                           | 312       | 9.29E-04                        | 1.29E-04      | 5.25E-03     | 7.47E-06 | 8.47E-05   |
| Welders                                                                                                                                                                          | Diesel            | 2270006025                   | 80                 | 21%                      | 1.13E-02                                         | 1.72E-03      | 7.76E-02     | 4.20E-04 | 1.16E-03   | 3                     | 12                           | 312       | 2.35E-03                        | 3.58E-04      | 1.61E-02     | 8.74E-05 | 2.41E-04   |
| Off Highway Trucks                                                                                                                                                               | Diesel            | 2270002051                   | 303                | 59%                      | 2.49E-04                                         | 8.35E-05      | 1.49E-03     | 4.90E-06 | 2.47E-05   | 3                     | 12                           | 312       | 5.52E-04                        | 1.85E-04      | 3.30E-03     | 1.08E-05 | 5.46E-05   |
| Total                                                                                                                                                                            |                   |                              |                    |                          |                                                  |               |              |          |            |                       |                              |           | 0.03                            | 0.004         | 0.18         | 4.61E-04 | 2.88E-03   |
| 1. Based on engineering estimates and best currently available information.                                                                                                      |                   |                              |                    |                          |                                                  |               |              |          |            |                       |                              |           |                                 |               |              |          |            |
| 2. Based on EPA MOVES5.0.0.                                                                                                                                                      |                   |                              |                    |                          |                                                  |               |              |          |            |                       |                              |           |                                 |               |              |          |            |
| 3. EPA MOVES5.0.0 run for calendar year 2028, Jasper County. The styrene emissions factor for all nonroad equipment is zero; therefore, styrene is not included in these tables. |                   |                              |                    |                          |                                                  |               |              |          |            |                       |                              |           |                                 |               |              |          |            |

Table 9.B.3.6 - Venture Global CP Express, LLC  
2028 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions - Silsbee Compressor Station  
(Continued)

| Calendar Year: 2028                                                                                                                                                                                                                                                                            |                   |                              |                       |                             |                                                  |                 |          |          |                             |                                 |           |                                 |                 |          |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------|-----------------------|-----------------------------|--------------------------------------------------|-----------------|----------|----------|-----------------------------|---------------------------------|-----------|---------------------------------|-----------------|----------|----------|
| Equipment Type <sup>1</sup>                                                                                                                                                                                                                                                                    | Fuel <sup>1</sup> | Source Category <sup>2</sup> | Engine Rating<br>(hp) | Load<br>Factor <sup>2</sup> | Pollutant Emission Factor <sup>3</sup> (g/hp-hr) |                 |          |          | No. of<br>Equipment/<br>Day | Equipment<br>Operating Duration |           | Pollutant Emissions (tons/year) |                 |          |          |
|                                                                                                                                                                                                                                                                                                |                   |                              |                       |                             | PAH                                              | Propionaldehyde | Toluene  | Xylene   |                             | Hours/Day                       | Days/Year | PAH                             | Propionaldehyde | Toluene  | Xylene   |
| Aerial Lifts                                                                                                                                                                                                                                                                                   | Diesel            | 2270003010                   | 80                    | 21%                         | 1.22E-03                                         | 6.58E-03        | 7.46E-03 | 4.43E-03 | 2                           | 12                              | 312       | 1.69E-04                        | 9.13E-04        | 1.03E-03 | 6.15E-04 |
| Air Compressors                                                                                                                                                                                                                                                                                | Diesel            | 2270006015                   | 50                    | 43%                         | 3.96E-04                                         | 1.96E-03        | 3.46E-03 | 1.18E-03 | 4                           | 12                              | 312       | 1.40E-04                        | 6.95E-04        | 1.23E-03 | 4.19E-04 |
| Concrete/Industrial Saws                                                                                                                                                                                                                                                                       | Diesel            | 2270002039                   | 15                    | 59%                         | 1.60E-03                                         | 7.74E-03        | 1.33E-02 | 4.08E-03 | 2                           | 12                              | 312       | 1.17E-04                        | 5.65E-04        | 9.71E-04 | 2.98E-04 |
| Cranes                                                                                                                                                                                                                                                                                         | Diesel            | 2270002045                   | 330                   | 43%                         | 1.26E-04                                         | 6.86E-04        | 1.08E-03 | 7.25E-04 | 3                           | 12                              | 312       | 2.22E-04                        | 1.20E-03        | 1.90E-03 | 1.27E-03 |
| Cranes                                                                                                                                                                                                                                                                                         | Diesel            | 2270002045                   | 500                   | 43%                         | 1.26E-04                                         | 6.86E-04        | 1.08E-03 | 7.25E-04 | 3                           | 12                              | 312       | 3.37E-04                        | 1.83E-03        | 2.88E-03 | 1.93E-03 |
| Dozers                                                                                                                                                                                                                                                                                         | Diesel            | 2270002069                   | 140                   | 59%                         | 4.34E-05                                         | 1.88E-04        | 3.51E-04 | 2.71E-04 | 4                           | 12                              | 312       | 5.92E-05                        | 2.56E-04        | 4.78E-04 | 3.69E-04 |
| Dozers                                                                                                                                                                                                                                                                                         | Diesel            | 2270002069                   | 305                   | 59%                         | 7.30E-05                                         | 3.40E-04        | 6.41E-04 | 5.95E-04 | 4                           | 12                              | 312       | 2.17E-04                        | 1.01E-03        | 1.90E-03 | 1.77E-03 |
| Excavators                                                                                                                                                                                                                                                                                     | Diesel            | 2270002036                   | 125                   | 59%                         | 3.67E-05                                         | 1.59E-04        | 3.02E-04 | 2.58E-04 | 5                           | 12                              | 312       | 5.58E-05                        | 2.42E-04        | 4.60E-04 | 3.93E-04 |
| Excavators                                                                                                                                                                                                                                                                                     | Diesel            | 2270002036                   | 520                   | 59%                         | 4.28E-05                                         | 2.00E-04        | 4.14E-04 | 5.41E-04 | 3                           | 12                              | 312       | 1.62E-04                        | 7.59E-04        | 1.57E-03 | 2.06E-03 |
| Forklifts                                                                                                                                                                                                                                                                                      | Diesel            | 2270003020                   | 90                    | 59%                         | 3.29E-05                                         | 1.39E-04        | 2.56E-04 | 1.87E-04 | 3                           | 12                              | 312       | 2.16E-05                        | 9.11E-05        | 1.69E-04 | 1.23E-04 |
| Generators                                                                                                                                                                                                                                                                                     | Diesel            | 2270006005                   | 30                    | 43%                         | 7.63E-04                                         | 3.59E-03        | 5.91E-03 | 2.25E-03 | 4                           | 12                              | 312       | 1.62E-04                        | 7.65E-04        | 1.26E-03 | 4.80E-04 |
| Graders                                                                                                                                                                                                                                                                                        | Diesel            | 2270002048                   | 185                   | 59%                         | 2.82E-05                                         | 1.37E-04        | 3.07E-04 | 5.19E-04 | 2                           | 12                              | 312       | 2.54E-05                        | 1.23E-04        | 2.76E-04 | 4.67E-04 |
| Pumps                                                                                                                                                                                                                                                                                          | Diesel            | 2270006010                   | 75                    | 43%                         | 8.13E-04                                         | 4.37E-03        | 5.53E-03 | 2.80E-03 | 6                           | 12                              | 312       | 6.49E-04                        | 3.49E-03        | 4.41E-03 | 2.24E-03 |
| Rollers                                                                                                                                                                                                                                                                                        | Diesel            | 2270002015                   | 50                    | 59%                         | 3.96E-04                                         | 1.96E-03        | 3.46E-03 | 1.18E-03 | 3                           | 12                              | 312       | 1.45E-04                        | 7.15E-04        | 1.26E-03 | 4.31E-04 |
| Trenchers                                                                                                                                                                                                                                                                                      | Diesel            | 2270002030                   | 185                   | 59%                         | 9.51E-05                                         | 4.67E-04        | 8.18E-04 | 6.51E-04 | 2                           | 12                              | 312       | 8.57E-05                        | 4.21E-04        | 7.37E-04 | 5.86E-04 |
| Welders                                                                                                                                                                                                                                                                                        | Diesel            | 2270006025                   | 80                    | 21%                         | 1.36E-03                                         | 7.55E-03        | 8.27E-03 | 4.94E-03 | 3                           | 12                              | 312       | 2.82E-04                        | 1.57E-03        | 1.72E-03 | 1.03E-03 |
| Off Highway Trucks                                                                                                                                                                                                                                                                             | Diesel            | 2270002051                   | 303                   | 59%                         | 2.38E-05                                         | 1.17E-04        | 0.00E+00 | 2.73E-04 | 3                           | 12                              | 312       | 5.27E-05                        | 2.59E-04        | 0.00E+00 | 6.05E-04 |
| Total                                                                                                                                                                                                                                                                                          |                   |                              |                       |                             |                                                  |                 |          |          |                             |                                 |           | 0.003                           | 0.01            | 0.02     | 0.02     |
| 1. Based on engineering estimates and best currently available information.<br>2. Based on EPA MOVES5.0.0.<br>3. EPA MOVES5.0.0 run for calendar year 2028, Jasper County. The styrene emissions factor for all nonroad equipment is zero; therefore, styrene is not included in these tables. |                   |                              |                       |                             |                                                  |                 |          |          |                             |                                 |           |                                 |                 |          |          |

Table 9.B.3.6 - Venture Global CP Express, LLC  
2028 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions - Silsbee Compressor Station  
(Continued)

| Calendar Year: 2028                                                                                                                                                                                                                                                                            |                   |                              |                       |                          |                                                  |                |           |          |          |                          |                                 |           |                                 |                |           |          |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------|-----------------------|--------------------------|--------------------------------------------------|----------------|-----------|----------|----------|--------------------------|---------------------------------|-----------|---------------------------------|----------------|-----------|----------|----------|
| Equipment Type <sup>1</sup>                                                                                                                                                                                                                                                                    | Fuel <sup>1</sup> | Source Category <sup>2</sup> | Engine Rating<br>(hp) | Load Factor <sup>2</sup> | Pollutant Emission Factor <sup>3</sup> (g/hp-hr) |                |           |          |          | No. of<br>Equipment/ Day | Equipment<br>Operating Duration |           | Pollutant Emissions (tons/year) |                |           |          |          |
|                                                                                                                                                                                                                                                                                                |                   |                              |                       |                          | Arsenic                                          | Chromium<br>VI | Manganese | Mercury  | Nickel   |                          | Hours/Day                       | Days/Year | Arsenic                         | Chromium<br>VI | Manganese | Mercury  | Nickel   |
| Aerial Lifts                                                                                                                                                                                                                                                                                   | Diesel            | 2270003010                   | 80                    | 21%                      | 1.09E-06                                         | 3.87E-09       | 1.49E-06  | 1.45E-08 | 2.55E-06 | 2                        | 12                              | 312       | 1.51E-07                        | 5.37E-10       | 2.07E-07  | 2.01E-09 | 3.54E-07 |
| Air Compressors                                                                                                                                                                                                                                                                                | Diesel            | 2270006015                   | 50                    | 43%                      | 9.25E-07                                         | 3.35E-09       | 1.24E-06  | 1.23E-08 | 2.10E-06 | 4                        | 12                              | 312       | 3.28E-07                        | 1.19E-09       | 4.41E-07  | 4.36E-09 | 7.44E-07 |
| Concrete/Industrial Saws                                                                                                                                                                                                                                                                       | Diesel            | 2270002039                   | 15                    | 59%                      | 9.34E-07                                         | 4.51E-09       | 2.01E-06  | 1.24E-08 | 3.51E-06 | 2                        | 12                              | 312       | 6.82E-08                        | 3.30E-10       | 1.47E-07  | 9.07E-10 | 2.56E-07 |
| Cranes                                                                                                                                                                                                                                                                                         | Diesel            | 2270002045                   | 330                   | 43%                      | 8.32E-07                                         | 2.38E-09       | 9.48E-07  | 1.11E-08 | 1.64E-06 | 3                        | 12                              | 312       | 1.46E-06                        | 4.19E-09       | 1.67E-06  | 1.94E-08 | 2.88E-06 |
| Cranes                                                                                                                                                                                                                                                                                         | Diesel            | 2270002045                   | 500                   | 43%                      | 8.32E-07                                         | 2.38E-09       | 9.48E-07  | 1.11E-08 | 1.64E-06 | 3                        | 12                              | 312       | 2.22E-06                        | 6.35E-09       | 2.52E-06  | 2.94E-08 | 4.37E-06 |
| Dozers                                                                                                                                                                                                                                                                                         | Diesel            | 2270002069                   | 140                   | 59%                      | 8.41E-07                                         | 3.28E-09       | 1.40E-06  | 1.12E-08 | 2.44E-06 | 4                        | 12                              | 312       | 1.15E-06                        | 4.47E-09       | 1.91E-06  | 1.52E-08 | 3.33E-06 |
| Dozers                                                                                                                                                                                                                                                                                         | Diesel            | 2270002069                   | 305                   | 59%                      | 8.41E-07                                         | 2.27E-09       | 8.94E-07  | 1.12E-08 | 1.55E-06 | 4                        | 12                              | 312       | 2.50E-06                        | 6.74E-09       | 2.65E-06  | 3.32E-08 | 4.59E-06 |
| Excavators                                                                                                                                                                                                                                                                                     | Diesel            | 2270002036                   | 125                   | 59%                      | 8.41E-07                                         | 3.28E-09       | 1.41E-06  | 1.12E-08 | 2.45E-06 | 5                        | 12                              | 312       | 1.28E-06                        | 5.00E-09       | 2.14E-06  | 1.70E-08 | 3.73E-06 |
| Excavators                                                                                                                                                                                                                                                                                     | Diesel            | 2270002036                   | 520                   | 59%                      | 8.41E-07                                         | 2.20E-09       | 8.62E-07  | 1.12E-08 | 1.49E-06 | 3                        | 12                              | 312       | 3.20E-06                        | 8.36E-09       | 3.27E-06  | 4.25E-08 | 5.66E-06 |
| Forklifts                                                                                                                                                                                                                                                                                      | Diesel            | 2270003020                   | 90                    | 59%                      | 9.34E-07                                         | 2.85E-09       | 1.01E-06  | 1.24E-08 | 1.69E-06 | 3                        | 12                              | 312       | 6.14E-07                        | 1.87E-09       | 6.62E-07  | 8.16E-09 | 1.11E-06 |
| Generators                                                                                                                                                                                                                                                                                     | Diesel            | 2270006005                   | 30                    | 43%                      | 9.25E-07                                         | 3.55E-09       | 1.37E-06  | 1.23E-08 | 2.34E-06 | 4                        | 12                              | 312       | 1.97E-07                        | 7.55E-10       | 2.93E-07  | 2.62E-09 | 4.99E-07 |
| Graders                                                                                                                                                                                                                                                                                        | Diesel            | 2270002048                   | 185                   | 59%                      | 8.41E-07                                         | 2.17E-09       | 8.50E-07  | 1.12E-08 | 1.47E-06 | 2                        | 12                              | 312       | 7.58E-07                        | 1.95E-09       | 7.66E-07  | 1.01E-08 | 1.33E-06 |
| Pumps                                                                                                                                                                                                                                                                                          | Diesel            | 2270006010                   | 75                    | 43%                      | 9.25E-07                                         | 3.66E-09       | 1.45E-06  | 1.23E-08 | 2.48E-06 | 6                        | 12                              | 312       | 7.39E-07                        | 2.92E-09       | 1.16E-06  | 9.82E-09 | 1.98E-06 |
| Rollers                                                                                                                                                                                                                                                                                        | Diesel            | 2270002015                   | 50                    | 59%                      | 9.34E-07                                         | 3.38E-09       | 1.25E-06  | 1.24E-08 | 2.12E-06 | 3                        | 12                              | 312       | 3.41E-07                        | 1.23E-09       | 4.58E-07  | 4.54E-09 | 7.73E-07 |
| Trenchers                                                                                                                                                                                                                                                                                      | Diesel            | 2270002030                   | 185                   | 59%                      | 8.41E-07                                         | 2.30E-09       | 9.11E-07  | 1.12E-08 | 1.58E-06 | 2                        | 12                              | 312       | 7.58E-07                        | 2.08E-09       | 8.21E-07  | 1.01E-08 | 1.42E-06 |
| Welders                                                                                                                                                                                                                                                                                        | Diesel            | 2270006025                   | 80                    | 21%                      | 1.09E-06                                         | 3.97E-09       | 1.55E-06  | 1.45E-08 | 2.65E-06 | 3                        | 12                              | 312       | 2.27E-07                        | 8.26E-10       | 3.22E-07  | 3.02E-09 | 5.51E-07 |
| Off Highway Trucks                                                                                                                                                                                                                                                                             | Diesel            | 2270002051                   | 303                   | 59%                      | 8.41E-07                                         | 2.16E-09       | 8.44E-07  | 1.12E-08 | 1.46E-06 | 3                        | 12                              | 312       | 1.86E-06                        | 4.77E-09       | 1.87E-06  | 2.48E-08 | 3.23E-06 |
| Total                                                                                                                                                                                                                                                                                          |                   |                              |                       |                          |                                                  |                |           |          |          |                          |                                 |           | 1.78E-05                        | 5.36E-08       | 2.13E-05  | 2.37E-07 | 3.68E-05 |
| 1. Based on engineering estimates and best currently available information.<br>2. Based on EPA MOVES5.0.0.<br>3. EPA MOVES5.0.0 run for calendar year 2028, Jasper County. The styrene emissions factor for all nonroad equipment is zero; therefore, styrene is not included in these tables. |                   |                              |                       |                          |                                                  |                |           |          |          |                          |                                 |           |                                 |                |           |          |          |

Table 9.B.3.7 - Venture Global CP Express, LLC  
2029 Non-Road Construction Equipment Exhaust Criteria Pollutant Emissions - Silsbee Compressor Station

| Calendar Year: 2029                                                         |                   |                              |                    |                          |                                                  |                 |                 |      |                  |                   |                          |                              |           |                                 |                 |                 |          |                  |                   |
|-----------------------------------------------------------------------------|-------------------|------------------------------|--------------------|--------------------------|--------------------------------------------------|-----------------|-----------------|------|------------------|-------------------|--------------------------|------------------------------|-----------|---------------------------------|-----------------|-----------------|----------|------------------|-------------------|
| Equipment Type <sup>1</sup>                                                 | Fuel <sup>1</sup> | Source Category <sup>2</sup> | Engine Rating (hp) | Load Factor <sup>2</sup> | Pollutant Emission Factor <sup>3</sup> (g/hp-hr) |                 |                 |      |                  |                   | No. of Equipment/<br>Day | Equipment Operating Duration |           | Pollutant Emissions (tons/year) |                 |                 |          |                  |                   |
|                                                                             |                   |                              |                    |                          | CO                                               | NO <sub>x</sub> | SO <sub>2</sub> | VOC  | PM <sub>10</sub> | PM <sub>2.5</sub> |                          | Hours/Day                    | Days/Year | CO                              | NO <sub>x</sub> | SO <sub>2</sub> | VOC      | PM <sub>10</sub> | PM <sub>2.5</sub> |
| Aerial Lifts                                                                | Diesel            | 2270003010                   | 80                 | 21%                      | 1.52                                             | 1.95            | 1.99E-03        | 0.24 | 0.20             | 0.19              | 2                        | 12                           | 156       | 0.11                            | 0.14            | 1.38E-04        | 0.02     | 0.01             | 0.01              |
| Air Compressors                                                             | Diesel            | 2270006015                   | 50                 | 43%                      | 0.28                                             | 2.53            | 1.55E-03        | 0.09 | 0.02             | 0.02              | 4                        | 12                           | 156       | 0.05                            | 0.45            | 2.76E-04        | 0.02     | 3.57E-03         | 3.47E-03          |
| Concrete/Industrial Saws                                                    | Diesel            | 2270002039                   | 15                 | 59%                      | 1.49                                             | 3.76            | 2.19E-03        | 0.35 | 0.17             | 0.17              | 2                        | 12                           | 156       | 0.05                            | 0.14            | 7.99E-05        | 0.01     | 0.01             | 0.01              |
| Cranes                                                                      | Diesel            | 2270002045                   | 330                | 43%                      | 0.13                                             | 0.45            | 1.45E-03        | 0.03 | 0.02             | 0.02              | 3                        | 12                           | 156       | 0.11                            | 0.40            | 1.28E-03        | 0.03     | 0.02             | 0.02              |
| Cranes                                                                      | Diesel            | 2270002045                   | 500                | 43%                      | 0.13                                             | 0.45            | 1.45E-03        | 0.03 | 0.02             | 0.02              | 3                        | 12                           | 156       | 0.17                            | 0.61            | 1.94E-03        | 0.04     | 0.03             | 0.03              |
| Dozers                                                                      | Diesel            | 2270002069                   | 140                | 59%                      | 0.06                                             | 0.19            | 1.42E-03        | 0.01 | 0.01             | 0.01              | 4                        | 12                           | 156       | 0.04                            | 0.13            | 9.66E-04        | 0.01     | 0.01             | 0.01              |
| Dozers                                                                      | Diesel            | 2270002069                   | 305                | 59%                      | 0.08                                             | 0.24            | 1.44E-03        | 0.02 | 0.02             | 0.02              | 4                        | 12                           | 156       | 0.12                            | 0.36            | 2.13E-03        | 0.03     | 0.02             | 0.02              |
| Excavators                                                                  | Diesel            | 2270002036                   | 125                | 59%                      | 0.05                                             | 0.17            | 1.41E-03        | 0.01 | 0.01             | 0.01              | 5                        | 12                           | 156       | 0.04                            | 0.13            | 1.08E-03        | 0.01     | 0.01             | 0.01              |
| Excavators                                                                  | Diesel            | 2270002036                   | 520                | 59%                      | 0.04                                             | 0.16            | 1.42E-03        | 0.01 | 0.01             | 0.01              | 3                        | 12                           | 156       | 0.08                            | 0.31            | 2.70E-03        | 0.02     | 0.02             | 0.02              |
| Forklifts                                                                   | Diesel            | 2270003020                   | 90                 | 59%                      | 0.05                                             | 0.86            | 1.57E-03        | 0.01 | 0.01             | 0.01              | 3                        | 12                           | 156       | 0.02                            | 0.28            | 5.16E-04        | 2.46E-03 | 3.90E-03         | 3.78E-03          |
| Generators                                                                  | Diesel            | 2270006005                   | 30                 | 43%                      | 0.52                                             | 2.84            | 1.66E-03        | 0.15 | 0.07             | 0.07              | 4                        | 12                           | 156       | 0.06                            | 0.30            | 1.76E-04        | 0.02     | 0.01             | 0.01              |
| Graders                                                                     | Diesel            | 2270002048                   | 185                | 59%                      | 0.02                                             | 0.12            | 1.42E-03        | 0.01 | 0.01             | 0.01              | 2                        | 12                           | 156       | 0.01                            | 0.06            | 6.38E-04        | 4.68E-03 | 3.33E-03         | 3.23E-03          |
| Pumps                                                                       | Diesel            | 2270006010                   | 75                 | 43%                      | 0.82                                             | 3.16            | 1.75E-03        | 0.17 | 0.12             | 0.12              | 6                        | 12                           | 156       | 0.33                            | 1.26            | 7.00E-04        | 0.07     | 0.05             | 0.05              |
| Rollers                                                                     | Diesel            | 2270002015                   | 50                 | 59%                      | 0.28                                             | 2.53            | 1.57E-03        | 0.09 | 0.02             | 0.02              | 3                        | 12                           | 156       | 0.05                            | 0.46            | 2.86E-04        | 0.02     | 3.71E-03         | 3.60E-03          |
| Trenchers                                                                   | Diesel            | 2270002030                   | 185                | 59%                      | 0.09                                             | 0.28            | 1.44E-03        | 0.02 | 0.02             | 0.02              | 2                        | 12                           | 156       | 0.04                            | 0.13            | 6.50E-04        | 0.01     | 0.01             | 0.01              |
| Welders                                                                     | Diesel            | 2270006025                   | 80                 | 21%                      | 1.86                                             | 2.13            | 2.01E-03        | 0.28 | 0.26             | 0.26              | 3                        | 12                           | 156       | 0.19                            | 0.22            | 2.09E-04        | 0.03     | 0.03             | 0.03              |
| Off Highway Trucks                                                          | Diesel            | 2270002051                   | 303                | 59%                      | 0.02                                             | 0.11            | 1.41E-03        | 0.01 | 0.01             | 0.01              | 3                        | 12                           | 156       | 0.02                            | 0.13            | 1.57E-03        | 0.01     | 0.01             | 0.01              |
| Total                                                                       |                   |                              |                    |                          |                                                  |                 |                 |      |                  |                   |                          |                              |           | 1.49                            | 5.49            | 0.02            | 0.33     | 0.25             | 0.24              |
| 1. Based on engineering estimates and best currently available information. |                   |                              |                    |                          |                                                  |                 |                 |      |                  |                   |                          |                              |           |                                 |                 |                 |          |                  |                   |
| 2. Based on EPA MOVES5.0.0.                                                 |                   |                              |                    |                          |                                                  |                 |                 |      |                  |                   |                          |                              |           |                                 |                 |                 |          |                  |                   |
| 3. EPA MOVES5.0.0 run for calendar year 2029, Jasper County.                |                   |                              |                    |                          |                                                  |                 |                 |      |                  |                   |                          |                              |           |                                 |                 |                 |          |                  |                   |

Table 9.B.3.8 - Venture Global CP Express, LLC  
2029 Non-Road Construction Equipment Exhaust Greenhouse Gas Emissions - Silsbee Compressor Station

| Calendar Year: 2029                                                                                                                                                       |                   |                              |                       |                          |                                                     |                 |                  |                          |                                 |           |                                 |                 |                  |                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------|-----------------------|--------------------------|-----------------------------------------------------|-----------------|------------------|--------------------------|---------------------------------|-----------|---------------------------------|-----------------|------------------|--------------------------------|
| Equipment Type <sup>1</sup>                                                                                                                                               | Fuel <sup>1</sup> | Source Category <sup>2</sup> | Engine Rating<br>(hp) | Load Factor <sup>2</sup> | Pollutant Emission Factor <sup>3</sup><br>(g/hp-hr) |                 |                  | No. of Equipment/<br>Day | Equipment<br>Operating Duration |           | Pollutant Emissions (tons/year) |                 |                  |                                |
|                                                                                                                                                                           |                   |                              |                       |                          | CO <sub>2</sub>                                     | CH <sub>4</sub> | N <sub>2</sub> O |                          | Hours/Day                       | Days/Year | CO <sub>2</sub>                 | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e <sup>4</sup> |
| Aerial Lifts                                                                                                                                                              | Diesel            | 2270003010                   | 80                    | 21%                      | 695.31                                              | 0.01            | 0.04             | 2                        | 12                              | 156       | 48                              | 8.44E-04        | 2.95E-03         | 49                             |
| Air Compressors                                                                                                                                                           | Diesel            | 2270006015                   | 50                    | 43%                      | 590.09                                              | 0.01            | 0.04             | 4                        | 12                              | 156       | 105                             | 2.19E-03        | 6.40E-03         | 106                            |
| Concrete/Industrial Saws                                                                                                                                                  | Diesel            | 2270002039                   | 15                    | 59%                      | 595.15                                              | 0.03            | 0.06             | 2                        | 12                              | 156       | 22                              | 1.13E-03        | 2.02E-03         | 22                             |
| Cranes                                                                                                                                                                    | Diesel            | 2270002045                   | 330                   | 43%                      | 530.96                                              | 2.17E-03        | 0.05             | 3                        | 12                              | 156       | 466                             | 1.91E-03        | 4.33E-02         | 478                            |
| Cranes                                                                                                                                                                    | Diesel            | 2270002045                   | 500                   | 43%                      | 530.96                                              | 2.17E-03        | 0.05             | 3                        | 12                              | 156       | 707                             | 2.89E-03        | 6.56E-02         | 724                            |
| Dozers                                                                                                                                                                    | Diesel            | 2270002069                   | 140                   | 59%                      | 536.80                                              | 7.10E-04        | 0.05             | 4                        | 12                              | 156       | 366                             | 4.84E-04        | 3.40E-02         | 375                            |
| Dozers                                                                                                                                                                    | Diesel            | 2270002069                   | 305                   | 59%                      | 536.78                                              | 1.16E-03        | 0.05             | 4                        | 12                              | 156       | 797                             | 1.72E-03        | 7.40E-02         | 817                            |
| Excavators                                                                                                                                                                | Diesel            | 2270002036                   | 125                   | 59%                      | 536.81                                              | 6.06E-04        | 0.05             | 5                        | 12                              | 156       | 408                             | 4.61E-04        | 3.79E-02         | 419                            |
| Excavators                                                                                                                                                                | Diesel            | 2270002036                   | 520                   | 59%                      | 536.79                                              | 6.80E-04        | 0.05             | 3                        | 12                              | 156       | 1020                            | 1.29E-03        | 9.46E-02         | 1045                           |
| Forklifts                                                                                                                                                                 | Diesel            | 2270003020                   | 90                    | 59%                      | 596.14                                              | 5.39E-04        | 0.04             | 3                        | 12                              | 156       | 196                             | 1.77E-04        | 1.20E-02         | 199                            |
| Generators                                                                                                                                                                | Diesel            | 2270006005                   | 30                    | 43%                      | 589.92                                              | 0.02            | 0.04             | 4                        | 12                              | 156       | 63                              | 1.69E-03        | 3.84E-03         | 64                             |
| Graders                                                                                                                                                                   | Diesel            | 2270002048                   | 185                   | 59%                      | 536.80                                              | 4.51E-04        | 0.05             | 2                        | 12                              | 156       | 242                             | 2.03E-04        | 2.24E-02         | 248                            |
| Pumps                                                                                                                                                                     | Diesel            | 2270006010                   | 75                    | 43%                      | 589.86                                              | 0.01            | 0.04             | 6                        | 12                              | 156       | 236                             | 5.46E-03        | 1.44E-02         | 239                            |
| Rollers                                                                                                                                                                   | Diesel            | 2270002015                   | 50                    | 59%                      | 595.88                                              | 0.01            | 0.06             | 3                        | 12                              | 156       | 109                             | 2.26E-03        | 1.01E-02         | 112                            |
| Trenchers                                                                                                                                                                 | Diesel            | 2270002030                   | 185                   | 59%                      | 536.77                                              | 1.51E-03        | 0.05             | 2                        | 12                              | 156       | 242                             | 6.80E-04        | 2.24E-02         | 248                            |
| Welders                                                                                                                                                                   | Diesel            | 2270006025                   | 80                    | 21%                      | 695.20                                              | 0.01            | 0.04             | 3                        | 12                              | 156       | 72                              | 1.44E-03        | 4.42E-03         | 74                             |
| Off Highway Trucks                                                                                                                                                        | Diesel            | 2270002051                   | 303                   | 59%                      | 536.80                                              | 3.84E-04        | 0.05             | 3                        | 12                              | 156       | 594                             | 4.25E-04        | 5.51E-02         | 609                            |
| Total                                                                                                                                                                     |                   |                              |                       |                          |                                                     |                 |                  |                          |                                 |           | 5,692                           | 0.03            | 0.51             | 5,827                          |
| 1. Based on engineering estimates and best currently available information.                                                                                               |                   |                              |                       |                          |                                                     |                 |                  |                          |                                 |           |                                 |                 |                  |                                |
| 2. Based on EPA MOVES5.0.0.                                                                                                                                               |                   |                              |                       |                          |                                                     |                 |                  |                          |                                 |           |                                 |                 |                  |                                |
| 3. EPA MOVES5.0.0 run for calendar year 2029, Jasper County.                                                                                                              |                   |                              |                       |                          |                                                     |                 |                  |                          |                                 |           |                                 |                 |                  |                                |
| 4. The global warming potentials of CO <sub>2</sub> , CH <sub>4</sub> , and N <sub>2</sub> O are 1, 28, and 265, respectively, based on 40 CFR 98, Table A-1 (Apr. 2024). |                   |                              |                       |                          |                                                     |                 |                  |                          |                                 |           |                                 |                 |                  |                                |

Table 9.B.3.9 - Venture Global CP Express, LLC  
2029 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions - Silsbee Compressor Station

| Calendar Year: 2029                                                                                                                                                              |                   |                              |                    |                          |                                                  |                        |              |          |                      |                              |           |                                 |                        |              |          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------|--------------------|--------------------------|--------------------------------------------------|------------------------|--------------|----------|----------------------|------------------------------|-----------|---------------------------------|------------------------|--------------|----------|
| Equipment Type <sup>1</sup>                                                                                                                                                      | Fuel <sup>1</sup> | Source Category <sup>2</sup> | Engine Rating (hp) | Load Factor <sup>2</sup> | Pollutant Emission Factor <sup>3</sup> (g/hp-hr) |                        |              |          | No. of Equipment/Day | Equipment Operating Duration |           | Pollutant Emissions (tons/year) |                        |              |          |
|                                                                                                                                                                                  |                   |                              |                    |                          | 1,3-Butadiene                                    | 2,2,4-Trimethylpentane | Acetaldehyde | Acrolein |                      | Hours/Day                    | Days/Year | 1,3-Butadiene                   | 2,2,4-Trimethylpentane | Acetaldehyde | Acrolein |
| Aerial Lifts                                                                                                                                                                     | Diesel            | 2270003010                   | 80                 | 21%                      | 4.44E-04                                         | 1.85E-03               | 2.16E-02     | 5.06E-03 | 2                    | 12                           | 156       | 3.08E-05                        | 1.28E-04               | 1.50E-03     | 3.51E-04 |
| Air Compressors                                                                                                                                                                  | Diesel            | 2270006015                   | 50                 | 43%                      | 1.67E-04                                         | 7.23E-04               | 9.46E-03     | 1.69E-03 | 4                    | 12                           | 156       | 2.97E-05                        | 1.28E-04               | 1.68E-03     | 3.00E-04 |
| Concrete/Industrial Saws                                                                                                                                                         | Diesel            | 2270002039                   | 15                 | 59%                      | 6.54E-04                                         | 2.75E-03               | 3.66E-02     | 6.58E-03 | 2                    | 12                           | 156       | 2.39E-05                        | 1.01E-04               | 1.34E-03     | 2.40E-04 |
| Cranes                                                                                                                                                                           | Diesel            | 2270002045                   | 330                | 43%                      | 4.54E-05                                         | 2.11E-04               | 2.67E-03     | 4.67E-04 | 3                    | 12                           | 156       | 3.99E-05                        | 1.85E-04               | 2.34E-03     | 4.10E-04 |
| Cranes                                                                                                                                                                           | Diesel            | 2270002045                   | 500                | 43%                      | 4.54E-05                                         | 2.11E-04               | 2.67E-03     | 4.67E-04 | 3                    | 12                           | 156       | 6.05E-05                        | 2.81E-04               | 3.55E-03     | 6.21E-04 |
| Dozers                                                                                                                                                                           | Diesel            | 2270002069                   | 140                | 59%                      | 1.41E-05                                         | 6.89E-05               | 8.76E-04     | 1.49E-04 | 4                    | 12                           | 156       | 9.62E-06                        | 4.69E-05               | 5.97E-04     | 1.02E-04 |
| Dozers                                                                                                                                                                           | Diesel            | 2270002069                   | 305                | 59%                      | 2.21E-05                                         | 1.16E-04               | 1.44E-03     | 2.40E-04 | 4                    | 12                           | 156       | 3.28E-05                        | 1.73E-04               | 2.15E-03     | 3.57E-04 |
| Excavators                                                                                                                                                                       | Diesel            | 2270002036                   | 125                | 59%                      | 1.21E-05                                         | 6.03E-05               | 7.63E-04     | 1.29E-04 | 5                    | 12                           | 156       | 9.18E-06                        | 4.59E-05               | 5.80E-04     | 9.81E-05 |
| Excavators                                                                                                                                                                       | Diesel            | 2270002036                   | 520                | 59%                      | 1.28E-05                                         | 7.78E-05               | 9.36E-04     | 1.48E-04 | 3                    | 12                           | 156       | 2.43E-05                        | 1.48E-04               | 1.78E-03     | 2.80E-04 |
| Forklifts                                                                                                                                                                        | Diesel            | 2270003020                   | 90                 | 59%                      | 1.14E-05                                         | 5.41E-05               | 6.94E-04     | 1.19E-04 | 3                    | 12                           | 156       | 3.74E-06                        | 1.78E-05               | 2.28E-04     | 3.92E-05 |
| Generators                                                                                                                                                                       | Diesel            | 2270006005                   | 30                 | 43%                      | 2.78E-04                                         | 1.19E-03               | 1.52E-02     | 2.92E-03 | 4                    | 12                           | 156       | 2.96E-05                        | 1.26E-04               | 1.62E-03     | 3.11E-04 |
| Graders                                                                                                                                                                          | Diesel            | 2270002048                   | 185                | 59%                      | 9.31E-06                                         | 6.35E-05               | 7.45E-04     | 1.13E-04 | 2                    | 12                           | 156       | 4.19E-06                        | 2.86E-05               | 3.36E-04     | 5.09E-05 |
| Pumps                                                                                                                                                                            | Diesel            | 2270006010                   | 75                 | 43%                      | 3.18E-04                                         | 1.34E-03               | 1.61E-02     | 3.47E-03 | 6                    | 12                           | 156       | 1.27E-04                        | 5.34E-04               | 6.44E-03     | 1.38E-03 |
| Rollers                                                                                                                                                                          | Diesel            | 2270002015                   | 50                 | 59%                      | 1.68E-04                                         | 7.24E-04               | 9.47E-03     | 1.69E-03 | 3                    | 12                           | 156       | 3.06E-05                        | 1.32E-04               | 1.73E-03     | 3.09E-04 |
| Trenchers                                                                                                                                                                        | Diesel            | 2270002030                   | 185                | 59%                      | 3.09E-05                                         | 1.52E-04               | 1.91E-03     | 3.26E-04 | 2                    | 12                           | 156       | 1.39E-05                        | 6.86E-05               | 8.62E-04     | 1.47E-04 |
| Welders                                                                                                                                                                          | Diesel            | 2270006025                   | 80                 | 21%                      | 5.14E-04                                         | 2.13E-03               | 2.48E-02     | 5.77E-03 | 3                    | 12                           | 156       | 5.34E-05                        | 2.22E-04               | 2.58E-03     | 6.01E-04 |
| Off Highway Trucks                                                                                                                                                               | Diesel            | 2270002051                   | 303                | 59%                      | 7.98E-06                                         | 5.80E-05               | 6.72E-04     | 9.97E-05 | 3                    | 12                           | 156       | 8.83E-06                        | 6.42E-05               | 7.44E-04     | 1.10E-04 |
| Total                                                                                                                                                                            |                   |                              |                    |                          |                                                  |                        |              |          |                      |                              |           | 5.32E-04                        | 0.002                  | 0.03         | 0.01     |
| 1. Based on engineering estimates and best currently available information.                                                                                                      |                   |                              |                    |                          |                                                  |                        |              |          |                      |                              |           |                                 |                        |              |          |
| 2. Based on EPA MOVES5.0.0.                                                                                                                                                      |                   |                              |                    |                          |                                                  |                        |              |          |                      |                              |           |                                 |                        |              |          |
| 3. EPA MOVES5.0.0 run for calendar year 2029, Jasper County. The styrene emissions factor for all nonroad equipment is zero; therefore, styrene is not included in these tables. |                   |                              |                    |                          |                                                  |                        |              |          |                      |                              |           |                                 |                        |              |          |

Table 9.B.3.9 - Venture Global CP Express, LLC  
2029 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions - Silsbee Compressor Station  
(Continued)

| Calendar Year: 2029                                                                                                                                                                                                                                                                            |                   |                              |                       |                          |                                                  |                  |              |          |             |                             |                                 |           |                                 |               |              |          |             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------|-----------------------|--------------------------|--------------------------------------------------|------------------|--------------|----------|-------------|-----------------------------|---------------------------------|-----------|---------------------------------|---------------|--------------|----------|-------------|
| Equipment Type <sup>1</sup>                                                                                                                                                                                                                                                                    | Fuel <sup>1</sup> | Source Category <sup>2</sup> | Engine Rating<br>(hp) | Load Factor <sup>2</sup> | Pollutant Emission Factor <sup>3</sup> (g/hp-hr) |                  |              |          |             | No. of<br>Equipment/<br>Day | Equipment<br>Operating Duration |           | Pollutant Emissions (tons/year) |               |              |          |             |
|                                                                                                                                                                                                                                                                                                |                   |                              |                       |                          | Benzene                                          | Ethyl<br>Benzene | Formaldehyde | Hexane   | Naphthalene |                             | Hours/Day                       | Days/Year | Benzene                         | Ethyl Benzene | Formaldehyde | Hexane   | Naphthalene |
| Aerial Lifts                                                                                                                                                                                                                                                                                   | Diesel            | 2270003010                   | 80                    | 21%                      | 8.98E-03                                         | 1.35E-03         | 6.05E-02     | 3.00E-04 | 9.13E-04    | 2                           | 12                              | 156       | 6.22E-04                        | 9.39E-05      | 4.19E-03     | 2.08E-05 | 6.33E-05    |
| Air Compressors                                                                                                                                                                                                                                                                                | Diesel            | 2270006015                   | 50                    | 43%                      | 4.83E-03                                         | 4.12E-04         | 2.67E-02     | 2.23E-05 | 4.77E-04    | 4                           | 12                              | 156       | 8.57E-04                        | 7.32E-05      | 4.73E-03     | 3.95E-06 | 8.46E-05    |
| Concrete/Industrial Saws                                                                                                                                                                                                                                                                       | Diesel            | 2270002039                   | 15                    | 59%                      | 1.90E-02                                         | 1.54E-03         | 1.03E-01     | 0.00E+00 | 1.63E-03    | 2                           | 12                              | 156       | 6.95E-04                        | 5.63E-05      | 3.75E-03     | 0.00E+00 | 5.96E-05    |
| Cranes                                                                                                                                                                                                                                                                                         | Diesel            | 2270002045                   | 330                   | 43%                      | 1.24E-03                                         | 1.60E-04         | 7.09E-03     | 1.26E-05 | 1.14E-04    | 3                           | 12                              | 156       | 1.09E-03                        | 1.41E-04      | 6.23E-03     | 1.10E-05 | 9.98E-05    |
| Cranes                                                                                                                                                                                                                                                                                         | Diesel            | 2270002045                   | 500                   | 43%                      | 1.24E-03                                         | 1.60E-04         | 7.09E-03     | 1.26E-05 | 1.14E-04    | 3                           | 12                              | 156       | 1.64E-03                        | 2.13E-04      | 9.44E-03     | 1.67E-05 | 1.51E-04    |
| Dozers                                                                                                                                                                                                                                                                                         | Diesel            | 2270002069                   | 140                   | 59%                      | 4.10E-04                                         | 5.75E-05         | 2.27E-03     | 2.06E-06 | 3.70E-05    | 4                           | 12                              | 156       | 2.80E-04                        | 3.92E-05      | 1.55E-03     | 1.40E-06 | 2.52E-05    |
| Dozers                                                                                                                                                                                                                                                                                         | Diesel            | 2270002069                   | 305                   | 59%                      | 6.35E-04                                         | 1.12E-04         | 3.60E-03     | 5.73E-06 | 5.94E-05    | 4                           | 12                              | 156       | 9.44E-04                        | 1.66E-04      | 5.35E-03     | 8.50E-06 | 8.82E-05    |
| Excavators                                                                                                                                                                                                                                                                                     | Diesel            | 2270002036                   | 125                   | 59%                      | 3.51E-04                                         | 5.29E-05         | 1.95E-03     | 2.05E-06 | 3.18E-05    | 5                           | 12                              | 156       | 2.67E-04                        | 4.03E-05      | 1.49E-03     | 1.56E-06 | 2.42E-05    |
| Excavators                                                                                                                                                                                                                                                                                     | Diesel            | 2270002036                   | 520                   | 59%                      | 3.71E-04                                         | 9.20E-05         | 2.15E-03     | 5.11E-06 | 3.60E-05    | 3                           | 12                              | 156       | 7.05E-04                        | 1.75E-04      | 4.09E-03     | 9.70E-06 | 6.83E-05    |
| Forklifts                                                                                                                                                                                                                                                                                      | Diesel            | 2270003020                   | 90                    | 59%                      | 3.31E-04                                         | 4.28E-05         | 1.82E-03     | 1.23E-06 | 2.92E-05    | 3                           | 12                              | 156       | 1.09E-04                        | 1.41E-05      | 6.00E-04     | 4.04E-07 | 9.60E-06    |
| Generators                                                                                                                                                                                                                                                                                     | Diesel            | 2270006005                   | 30                    | 43%                      | 7.57E-03                                         | 7.24E-04         | 4.28E-02     | 5.19E-05 | 7.22E-04    | 4                           | 12                              | 156       | 8.06E-04                        | 7.71E-05      | 4.56E-03     | 5.53E-06 | 7.69E-05    |
| Graders                                                                                                                                                                                                                                                                                        | Diesel            | 2270002048                   | 185                   | 59%                      | 2.71E-04                                         | 8.50E-05         | 1.61E-03     | 4.90E-06 | 2.65E-05    | 2                           | 12                              | 156       | 1.22E-04                        | 3.83E-05      | 7.23E-04     | 2.21E-06 | 1.19E-05    |
| Pumps                                                                                                                                                                                                                                                                                          | Diesel            | 2270006010                   | 75                    | 43%                      | 7.16E-03                                         | 8.99E-04         | 4.54E-02     | 1.76E-04 | 7.32E-04    | 6                           | 12                              | 156       | 2.86E-03                        | 3.59E-04      | 1.81E-02     | 7.01E-05 | 2.92E-04    |
| Rollers                                                                                                                                                                                                                                                                                        | Diesel            | 2270002015                   | 50                    | 59%                      | 4.83E-03                                         | 4.13E-04         | 2.67E-02     | 2.23E-05 | 4.77E-04    | 3                           | 12                              | 156       | 8.82E-04                        | 7.54E-05      | 4.87E-03     | 4.07E-06 | 8.71E-05    |
| Trenchers                                                                                                                                                                                                                                                                                      | Diesel            | 2270002030                   | 185                   | 59%                      | 8.68E-04                                         | 1.31E-04         | 4.93E-03     | 7.61E-06 | 7.97E-05    | 2                           | 12                              | 156       | 3.91E-04                        | 5.90E-05      | 2.22E-03     | 3.43E-06 | 3.59E-05    |
| Welders                                                                                                                                                                                                                                                                                        | Diesel            | 2270006025                   | 80                    | 21%                      | 1.02E-02                                         | 1.53E-03         | 6.97E-02     | 3.66E-04 | 1.04E-03    | 3                           | 12                              | 156       | 1.06E-03                        | 1.60E-04      | 7.25E-03     | 3.81E-05 | 1.09E-04    |
| Off Highway Trucks                                                                                                                                                                                                                                                                             | Diesel            | 2270002051                   | 303                   | 59%                      | 2.32E-04                                         | 8.23E-05         | 1.40E-03     | 4.91E-06 | 2.32E-05    | 3                           | 12                              | 156       | 2.57E-04                        | 9.10E-05      | 1.55E-03     | 5.44E-06 | 2.56E-05    |
| Total                                                                                                                                                                                                                                                                                          |                   |                              |                       |                          |                                                  |                  |              |          |             |                             |                                 |           | 0.01                            | 0.002         | 0.08         | 2.03E-04 | 1.31E-03    |
| 1. Based on engineering estimates and best currently available information.<br>2. Based on EPA MOVES5.0.0.<br>3. EPA MOVES5.0.0 run for calendar year 2029, Jasper County. The styrene emissions factor for all nonroad equipment is zero; therefore, styrene is not included in these tables. |                   |                              |                       |                          |                                                  |                  |              |          |             |                             |                                 |           |                                 |               |              |          |             |

Table 9.B.3.9 - Venture Global CP Express, LLC  
2029 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions - Silsbee Compressor Station  
(Continued)

| Calendar Year: 2029                                                                                                                                                                                                                                                                            |                   |                              |                       |                             |                                                  |                 |          |          |                             |                                 |           |                                 |                 |          |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------|-----------------------|-----------------------------|--------------------------------------------------|-----------------|----------|----------|-----------------------------|---------------------------------|-----------|---------------------------------|-----------------|----------|----------|
| Equipment Type <sup>1</sup>                                                                                                                                                                                                                                                                    | Fuel <sup>1</sup> | Source Category <sup>2</sup> | Engine Rating<br>(hp) | Load<br>Factor <sup>2</sup> | Pollutant Emission Factor <sup>3</sup> (g/hp-hr) |                 |          |          | No. of<br>Equipment/<br>Day | Equipment<br>Operating Duration |           | Pollutant Emissions (tons/year) |                 |          |          |
|                                                                                                                                                                                                                                                                                                |                   |                              |                       |                             | PAH                                              | Propionaldehyde | Toluene  | Xylene   |                             | Hours/Day                       | Days/Year | PAH                             | Propionaldehyde | Toluene  | Xylene   |
| Aerial Lifts                                                                                                                                                                                                                                                                                   | Diesel            | 2270003010                   | 80                    | 21%                         | 1.06E-03                                         | 5.63E-03        | 6.51E-03 | 3.82E-03 | 2                           | 12                              | 156       | 7.33E-05                        | 3.90E-04        | 4.51E-04 | 2.65E-04 |
| Air Compressors                                                                                                                                                                                                                                                                                | Diesel            | 2270006015                   | 50                    | 43%                         | 3.95E-04                                         | 1.95E-03        | 3.46E-03 | 1.18E-03 | 4                           | 12                              | 156       | 7.01E-05                        | 3.47E-04        | 6.14E-04 | 2.09E-04 |
| Concrete/Industrial Saws                                                                                                                                                                                                                                                                       | Diesel            | 2270002039                   | 15                    | 59%                         | 1.60E-03                                         | 7.74E-03        | 1.33E-02 | 4.08E-03 | 2                           | 12                              | 156       | 5.84E-05                        | 2.83E-04        | 4.86E-04 | 1.49E-04 |
| Cranes                                                                                                                                                                                                                                                                                         | Diesel            | 2270002045                   | 330                   | 43%                         | 1.12E-04                                         | 5.94E-04        | 9.67E-04 | 6.92E-04 | 3                           | 12                              | 156       | 9.84E-05                        | 5.22E-04        | 8.49E-04 | 6.08E-04 |
| Cranes                                                                                                                                                                                                                                                                                         | Diesel            | 2270002045                   | 500                   | 43%                         | 1.12E-04                                         | 5.94E-04        | 9.67E-04 | 6.92E-04 | 3                           | 12                              | 156       | 1.49E-04                        | 7.90E-04        | 1.29E-03 | 9.21E-04 |
| Dozers                                                                                                                                                                                                                                                                                         | Diesel            | 2270002069                   | 140                   | 59%                         | 3.98E-05                                         | 1.73E-04        | 3.25E-04 | 2.64E-04 | 4                           | 12                              | 156       | 2.72E-05                        | 1.18E-04        | 2.22E-04 | 1.80E-04 |
| Dozers                                                                                                                                                                                                                                                                                         | Diesel            | 2270002069                   | 305                   | 59%                         | 5.95E-05                                         | 2.78E-04        | 5.40E-04 | 5.72E-04 | 4                           | 12                              | 156       | 8.84E-05                        | 4.14E-04        | 8.02E-04 | 8.50E-04 |
| Excavators                                                                                                                                                                                                                                                                                     | Diesel            | 2270002036                   | 125                   | 59%                         | 3.41E-05                                         | 1.49E-04        | 2.84E-04 | 2.53E-04 | 5                           | 12                              | 156       | 2.59E-05                        | 1.13E-04        | 2.16E-04 | 1.93E-04 |
| Excavators                                                                                                                                                                                                                                                                                     | Diesel            | 2270002036                   | 520                   | 59%                         | 3.50E-05                                         | 1.66E-04        | 3.57E-04 | 5.28E-04 | 3                           | 12                              | 156       | 6.66E-05                        | 3.15E-04        | 6.78E-04 | 1.00E-03 |
| Forklifts                                                                                                                                                                                                                                                                                      | Diesel            | 2270003020                   | 90                    | 59%                         | 3.29E-05                                         | 1.39E-04        | 2.56E-04 | 1.87E-04 | 3                           | 12                              | 156       | 1.08E-05                        | 4.56E-05        | 8.43E-05 | 6.14E-05 |
| Generators                                                                                                                                                                                                                                                                                     | Diesel            | 2270006005                   | 30                    | 43%                         | 6.76E-04                                         | 3.22E-03        | 5.36E-03 | 1.98E-03 | 4                           | 12                              | 156       | 7.20E-05                        | 3.43E-04        | 5.71E-04 | 2.11E-04 |
| Graders                                                                                                                                                                                                                                                                                        | Diesel            | 2270002048                   | 185                   | 59%                         | 2.57E-05                                         | 1.26E-04        | 2.88E-04 | 5.15E-04 | 2                           | 12                              | 156       | 1.16E-05                        | 5.66E-05        | 1.30E-04 | 2.32E-04 |
| Pumps                                                                                                                                                                                                                                                                                          | Diesel            | 2270006010                   | 75                    | 43%                         | 7.54E-04                                         | 4.03E-03        | 5.20E-03 | 2.57E-03 | 6                           | 12                              | 156       | 3.01E-04                        | 1.61E-03        | 2.08E-03 | 1.03E-03 |
| Rollers                                                                                                                                                                                                                                                                                        | Diesel            | 2270002015                   | 50                    | 59%                         | 3.96E-04                                         | 1.96E-03        | 3.46E-03 | 1.18E-03 | 3                           | 12                              | 156       | 7.22E-05                        | 3.57E-04        | 6.32E-04 | 2.16E-04 |
| Trenchers                                                                                                                                                                                                                                                                                      | Diesel            | 2270002030                   | 185                   | 59%                         | 8.03E-05                                         | 3.94E-04        | 7.05E-04 | 6.22E-04 | 2                           | 12                              | 156       | 3.62E-05                        | 1.78E-04        | 3.18E-04 | 2.80E-04 |
| Welders                                                                                                                                                                                                                                                                                        | Diesel            | 2270006025                   | 80                    | 21%                         | 1.22E-03                                         | 6.74E-03        | 7.48E-03 | 4.40E-03 | 3                           | 12                              | 156       | 1.27E-04                        | 7.01E-04        | 7.78E-04 | 4.57E-04 |
| Off Highway Trucks                                                                                                                                                                                                                                                                             | Diesel            | 2270002051                   | 303                   | 59%                         | 2.22E-05                                         | 1.10E-04        | 2.61E-04 | 5.10E-04 | 3                           | 12                              | 156       | 2.46E-05                        | 1.22E-04        | 2.89E-04 | 5.64E-04 |
| Total                                                                                                                                                                                                                                                                                          |                   |                              |                       |                             |                                                  |                 |          |          |                             |                                 |           | 0.001                           | 0.01            | 0.01     | 0.01     |
| 1. Based on engineering estimates and best currently available information.<br>2. Based on EPA MOVES5.0.0.<br>3. EPA MOVES5.0.0 run for calendar year 2029, Jasper County. The styrene emissions factor for all nonroad equipment is zero; therefore, styrene is not included in these tables. |                   |                              |                       |                             |                                                  |                 |          |          |                             |                                 |           |                                 |                 |          |          |

Table 9.B.3.9 - Venture Global CP Express, LLC  
2029 Non-Road Construction Equipment Exhaust Hazardous Air Pollutant Emissions - Silsbee Compressor Station  
(Continued)

| Calendar Year: 2029                                                                                                                                                                                                                                                                            |                   |                              |                       |                          |                                                  |                |           |          |          |                          |                                 |           |                                 |                |           |          |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------|-----------------------|--------------------------|--------------------------------------------------|----------------|-----------|----------|----------|--------------------------|---------------------------------|-----------|---------------------------------|----------------|-----------|----------|----------|
| Equipment Type <sup>1</sup>                                                                                                                                                                                                                                                                    | Fuel <sup>1</sup> | Source Category <sup>2</sup> | Engine Rating<br>(hp) | Load Factor <sup>2</sup> | Pollutant Emission Factor <sup>3</sup> (g/hp-hr) |                |           |          |          | No. of<br>Equipment/ Day | Equipment<br>Operating Duration |           | Pollutant Emissions (tons/year) |                |           |          |          |
|                                                                                                                                                                                                                                                                                                |                   |                              |                       |                          | Arsenic                                          | Chromium<br>VI | Manganese | Mercury  | Nickel   |                          | Hours/Day                       | Days/Year | Arsenic                         | Chromium<br>VI | Manganese | Mercury  | Nickel   |
| Aerial Lifts                                                                                                                                                                                                                                                                                   | Diesel            | 2270003010                   | 80                    | 21%                      | 1.09E-06                                         | 3.81E-09       | 1.46E-06  | 1.45E-08 | 2.48E-06 | 2                        | 12                              | 156       | 7.56E-08                        | 2.64E-10       | 1.01E-07  | 1.01E-09 | 1.72E-07 |
| Air Compressors                                                                                                                                                                                                                                                                                | Diesel            | 2270006015                   | 50                    | 43%                      | 9.25E-07                                         | 3.35E-09       | 1.24E-06  | 1.23E-08 | 2.10E-06 | 4                        | 12                              | 156       | 1.64E-07                        | 5.94E-10       | 2.20E-07  | 2.18E-09 | 3.72E-07 |
| Concrete/Industrial Saws                                                                                                                                                                                                                                                                       | Diesel            | 2270002039                   | 15                    | 59%                      | 9.34E-07                                         | 4.51E-09       | 2.01E-06  | 1.24E-08 | 3.51E-06 | 2                        | 12                              | 156       | 3.41E-08                        | 1.65E-10       | 7.33E-08  | 4.54E-10 | 1.28E-07 |
| Cranes                                                                                                                                                                                                                                                                                         | Diesel            | 2270002045                   | 330                   | 43%                      | 8.32E-07                                         | 2.35E-09       | 9.34E-07  | 1.11E-08 | 1.62E-06 | 3                        | 12                              | 156       | 7.31E-07                        | 2.06E-09       | 8.20E-07  | 9.72E-09 | 1.42E-06 |
| Cranes                                                                                                                                                                                                                                                                                         | Diesel            | 2270002045                   | 500                   | 43%                      | 8.32E-07                                         | 2.35E-09       | 9.34E-07  | 1.11E-08 | 1.62E-06 | 3                        | 12                              | 156       | 1.11E-06                        | 3.13E-09       | 1.24E-06  | 1.47E-08 | 2.15E-06 |
| Dozers                                                                                                                                                                                                                                                                                         | Diesel            | 2270002069                   | 140                   | 59%                      | 8.41E-07                                         | 3.28E-09       | 1.40E-06  | 1.12E-08 | 2.45E-06 | 4                        | 12                              | 156       | 5.74E-07                        | 2.24E-09       | 9.57E-07  | 7.62E-09 | 1.67E-06 |
| Dozers                                                                                                                                                                                                                                                                                         | Diesel            | 2270002069                   | 305                   | 59%                      | 8.41E-07                                         | 2.24E-09       | 8.78E-07  | 1.12E-08 | 1.52E-06 | 4                        | 12                              | 156       | 1.25E-06                        | 3.32E-09       | 1.30E-06  | 1.66E-08 | 2.26E-06 |
| Excavators                                                                                                                                                                                                                                                                                     | Diesel            | 2270002036                   | 125                   | 59%                      | 8.41E-07                                         | 3.28E-09       | 1.41E-06  | 1.12E-08 | 2.45E-06 | 5                        | 12                              | 156       | 6.40E-07                        | 2.50E-09       | 1.07E-06  | 8.51E-09 | 1.86E-06 |
| Excavators                                                                                                                                                                                                                                                                                     | Diesel            | 2270002036                   | 520                   | 59%                      | 8.41E-07                                         | 2.18E-09       | 8.54E-07  | 1.12E-08 | 1.48E-06 | 3                        | 12                              | 156       | 1.60E-06                        | 4.15E-09       | 1.62E-06  | 2.12E-08 | 2.81E-06 |
| Forklifts                                                                                                                                                                                                                                                                                      | Diesel            | 2270003020                   | 90                    | 59%                      | 9.34E-07                                         | 2.85E-09       | 1.01E-06  | 1.24E-08 | 1.69E-06 | 3                        | 12                              | 156       | 3.07E-07                        | 9.36E-10       | 3.31E-07  | 4.08E-09 | 5.55E-07 |
| Generators                                                                                                                                                                                                                                                                                     | Diesel            | 2270006005                   | 30                    | 43%                      | 9.25E-07                                         | 3.50E-09       | 1.34E-06  | 1.23E-08 | 2.29E-06 | 4                        | 12                              | 156       | 9.85E-08                        | 3.73E-10       | 1.43E-07  | 1.31E-09 | 2.44E-07 |
| Graders                                                                                                                                                                                                                                                                                        | Diesel            | 2270002048                   | 185                   | 59%                      | 8.41E-07                                         | 2.16E-09       | 8.47E-07  | 1.12E-08 | 1.47E-06 | 2                        | 12                              | 156       | 3.79E-07                        | 9.74E-10       | 3.81E-07  | 5.04E-09 | 6.60E-07 |
| Pumps                                                                                                                                                                                                                                                                                          | Diesel            | 2270006010                   | 75                    | 43%                      | 9.25E-07                                         | 3.62E-09       | 1.43E-06  | 1.23E-08 | 2.44E-06 | 6                        | 12                              | 156       | 3.69E-07                        | 1.45E-09       | 5.69E-07  | 4.91E-09 | 9.73E-07 |
| Rollers                                                                                                                                                                                                                                                                                        | Diesel            | 2270002015                   | 50                    | 59%                      | 9.34E-07                                         | 3.38E-09       | 1.25E-06  | 1.24E-08 | 2.12E-06 | 3                        | 12                              | 156       | 1.71E-07                        | 6.17E-10       | 2.29E-07  | 2.27E-09 | 3.87E-07 |
| Trenchers                                                                                                                                                                                                                                                                                      | Diesel            | 2270002030                   | 185                   | 59%                      | 8.41E-07                                         | 2.27E-09       | 8.96E-07  | 1.12E-08 | 1.55E-06 | 2                        | 12                              | 156       | 3.79E-07                        | 1.02E-09       | 4.03E-07  | 5.04E-09 | 6.98E-07 |
| Welders                                                                                                                                                                                                                                                                                        | Diesel            | 2270006025                   | 80                    | 21%                      | 1.09E-06                                         | 3.92E-09       | 1.52E-06  | 1.45E-08 | 2.59E-06 | 3                        | 12                              | 156       | 1.13E-07                        | 4.07E-10       | 1.58E-07  | 1.51E-09 | 2.69E-07 |
| Off Highway Trucks                                                                                                                                                                                                                                                                             | Diesel            | 2270002051                   | 303                   | 59%                      | 8.41E-07                                         | 2.15E-09       | 8.42E-07  | 1.12E-08 | 1.46E-06 | 3                        | 12                              | 156       | 9.31E-07                        | 2.38E-09       | 9.31E-07  | 1.24E-08 | 1.61E-06 |
| Total                                                                                                                                                                                                                                                                                          |                   |                              |                       |                          |                                                  |                |           |          |          |                          |                                 |           | 8.92E-06                        | 2.66E-08       | 1.06E-05  | 1.19E-07 | 1.82E-05 |
| 1. Based on engineering estimates and best currently available information.<br>2. Based on EPA MOVES5.0.0.<br>3. EPA MOVES5.0.0 run for calendar year 2029, Jasper County. The styrene emissions factor for all nonroad equipment is zero; therefore, styrene is not included in these tables. |                   |                              |                       |                          |                                                  |                |           |          |          |                          |                                 |           |                                 |                |           |          |          |

**Table 9.B.3.10 - Venture Global CP Express, LLC**  
**On-Road On-Site Construction Vehicle Tailpipe Criteria and Greenhouse Gas Emissions - Silsbee Compressor Station**

| Vehicle                              | Onsite Travel<br>(miles/vehicle) | No. of<br>Vehicles/Day | Vehicle Usage<br>(days/year) | Vehicle<br>Miles<br>Traveled |
|--------------------------------------|----------------------------------|------------------------|------------------------------|------------------------------|
| <b>2027</b>                          |                                  |                        |                              |                              |
| Diesel Single Unit Short-haul Trucks | 50                               | 5                      | 312                          | 78,000                       |
| <b>2028</b>                          |                                  |                        |                              |                              |
| Diesel Single Unit Short-haul Trucks | 50                               | 5                      | 312                          | 78,000                       |
| <b>2029</b>                          |                                  |                        |                              |                              |
| Diesel Single Unit Short-haul Trucks | 50                               | 5                      | 156                          | 39,000                       |

| Vehicle                              | Emission Factor (g/VMT) <sup>1</sup> |                 |                 |      |                  |                   |                 |                 |                  |
|--------------------------------------|--------------------------------------|-----------------|-----------------|------|------------------|-------------------|-----------------|-----------------|------------------|
|                                      | CO                                   | NO <sub>x</sub> | SO <sub>2</sub> | VOC  | PM <sub>10</sub> | PM <sub>2.5</sub> | CO <sub>2</sub> | CH <sub>4</sub> | N <sub>2</sub> O |
| <b>2027</b>                          |                                      |                 |                 |      |                  |                   |                 |                 |                  |
| Diesel Single Unit Short-haul Trucks | 0.95                                 | 1.09            | 2.72E-03        | 0.10 | 0.08             | 0.04              | 809.93          | 0.03            | 0.11             |
| <b>2028</b>                          |                                      |                 |                 |      |                  |                   |                 |                 |                  |
| Diesel Single Unit Short-haul Trucks | 0.93                                 | 0.99            | 2.64E-03        | 0.09 | 0.07             | 0.03              | 788.97          | 0.03            | 0.11             |
| <b>2029</b>                          |                                      |                 |                 |      |                  |                   |                 |                 |                  |
| Diesel Single Unit Short-haul Trucks | 0.90                                 | 0.91            | 2.59E-03        | 0.08 | 0.07             | 0.03              | 772.42          | 0.03            | 0.11             |

1. Based on EPA MOVES5.0.0.

| Vehicle                              | Emissions (tons/yr) |                 |                 |                 |                  |                   |                 |                 |                  |                                |
|--------------------------------------|---------------------|-----------------|-----------------|-----------------|------------------|-------------------|-----------------|-----------------|------------------|--------------------------------|
|                                      | CO                  | NO <sub>x</sub> | SO <sub>2</sub> | VOC             | PM <sub>10</sub> | PM <sub>2.5</sub> | CO <sub>2</sub> | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e <sup>1</sup> |
| <b>2027</b>                          |                     |                 |                 |                 |                  |                   |                 |                 |                  |                                |
| Diesel Single Unit Short-haul Trucks | 0.08                | 0.09            | 2.34E-04        | 8.50E-03        | 6.71E-03         | 3.24E-03          | 69.64           | 2.24E-03        | 9.50E-03         | 72                             |
| <b>Total</b>                         | <b>0.08</b>         | <b>0.09</b>     | <b>2.34E-04</b> | <b>0.01</b>     | <b>0.01</b>      | <b>3.24E-03</b>   | <b>70</b>       | <b>0.00</b>     | <b>9.50E-03</b>  | <b>72</b>                      |
| <b>2028</b>                          |                     |                 |                 |                 |                  |                   |                 |                 |                  |                                |
| Diesel Single Unit Short-haul Trucks | 0.08                | 0.09            | 2.27E-04        | 0.01            | 6.21E-03         | 2.86E-03          | 68              | 2.23E-03        | 9.50E-03         | 70                             |
| <b>Total</b>                         | <b>0.08</b>         | <b>0.09</b>     | <b>2.27E-04</b> | <b>0.01</b>     | <b>0.01</b>      | <b>2.86E-03</b>   | <b>68</b>       | <b>2.23E-03</b> | <b>9.50E-03</b>  | <b>70</b>                      |
| <b>2029</b>                          |                     |                 |                 |                 |                  |                   |                 |                 |                  |                                |
| Diesel Single Unit Short-haul Trucks | 0.04                | 0.04            | 1.11E-04        | 3.61E-03        | 2.92E-03         | 1.30E-03          | 33              | 1.11E-03        | 4.74E-03         | 34                             |
| <b>Total</b>                         | <b>0.04</b>         | <b>0.04</b>     | <b>1.11E-04</b> | <b>3.61E-03</b> | <b>2.92E-03</b>  | <b>1.30E-03</b>   | <b>33</b>       | <b>1.11E-03</b> | <b>4.74E-03</b>  | <b>34</b>                      |

1. The global warming potentials of CO<sub>2</sub>, CH<sub>4</sub>, and N<sub>2</sub>O are 1, 28, and 265, respectively, based on 40 CFR 98, Table A-1 (Apr. 2024).

**Table 9.B.3.11 - Venture Global CP Express, LLC**  
**On-Road On-Site Construction Vehicle Tailpipe Hazardous Air Pollutant Emissions - Silsbee Compressor Station**

| Vehicle                              | Onsite Travel<br>(miles/vehicle) | No. of Vehicles/Day | Vehicle Usage<br>(days/year) | Vehicle Miles<br>Traveled |
|--------------------------------------|----------------------------------|---------------------|------------------------------|---------------------------|
| <b>2027</b>                          |                                  |                     |                              |                           |
| Diesel Single Unit Short-haul Trucks | 50                               | 5                   | 312                          | 78,000                    |
| <b>2028</b>                          |                                  |                     |                              |                           |
| Diesel Single Unit Short-haul Trucks | 50                               | 5                   | 312                          | 78,000                    |
| <b>2029</b>                          |                                  |                     |                              |                           |
| Diesel Single Unit Short-haul Trucks | 50                               | 5                   | 156                          | 39,000                    |

| Vehicle                              | Emission Factor (g/VMT) <sup>1</sup> |                        |              |          |          |               |
|--------------------------------------|--------------------------------------|------------------------|--------------|----------|----------|---------------|
|                                      | 1,3-Butadiene                        | 2,2,4-Trimethylpentane | Acetaldehyde | Acrolein | Benzene  | Ethyl Benzene |
| <b>2027</b>                          |                                      |                        |              |          |          |               |
| Diesel Single Unit Short-haul Trucks | 1.18E-04                             | 2.69E-04               | 3.23E-03     | 4.32E-04 | 3.49E-04 | 5.76E-04      |
| <b>2028</b>                          |                                      |                        |              |          |          |               |
| Diesel Single Unit Short-haul Trucks | 9.57E-05                             | 2.53E-04               | 2.94E-03     | 3.79E-04 | 2.85E-04 | 5.55E-04      |
| <b>2029</b>                          |                                      |                        |              |          |          |               |
| Diesel Single Unit Short-haul Trucks | 7.71E-05                             | 2.41E-04               | 2.71E-03     | 3.35E-04 | 2.31E-04 | 5.39E-04      |

1. Based on EPA MOVES5.0.0.

| Vehicle                              | Emissions (tons/yr) |                        |                 |                 |                 |                 |
|--------------------------------------|---------------------|------------------------|-----------------|-----------------|-----------------|-----------------|
|                                      | 1,3-Butadiene       | 2,2,4-Trimethylpentane | Acetaldehyde    | Acrolein        | Benzene         | Ethyl Benzene   |
| <b>2027</b>                          |                     |                        |                 |                 |                 |                 |
| Diesel Single Unit Short-haul Trucks | 1.01E-05            | 2.32E-05               | 2.78E-04        | 3.71E-05        | 3.00E-05        | 4.95E-05        |
| <b>Total</b>                         | <b>1.01E-05</b>     | <b>2.32E-05</b>        | <b>2.78E-04</b> | <b>3.71E-05</b> | <b>3.00E-05</b> | <b>4.95E-05</b> |
| <b>2028</b>                          |                     |                        |                 |                 |                 |                 |
| Diesel Single Unit Short-haul Trucks | 8.23E-06            | 2.18E-05               | 2.53E-04        | 3.26E-05        | 2.45E-05        | 4.77E-05        |
| <b>Total</b>                         | <b>8.23E-06</b>     | <b>2.18E-05</b>        | <b>2.53E-04</b> | <b>3.26E-05</b> | <b>2.45E-05</b> | <b>4.77E-05</b> |
| <b>2029</b>                          |                     |                        |                 |                 |                 |                 |
| Diesel Single Unit Short-haul Trucks | 3.31E-06            | 1.03E-05               | 1.16E-04        | 1.44E-05        | 9.95E-06        | 2.32E-05        |
| <b>Total</b>                         | <b>3.31E-06</b>     | <b>1.03E-05</b>        | <b>1.16E-04</b> | <b>1.44E-05</b> | <b>9.95E-06</b> | <b>2.32E-05</b> |

**Table 9.B.3.11 - Venture Global CP Express, LLC**  
**On-Road On-Site Construction Vehicle Tailpipe Hazardous Air Pollutant Emissions - Silsbee Compressor Station**  
**(Continued)**

| Vehicle                              | Onsite Travel<br>(miles/vehicle) | No. of<br>Vehicles/Day | Vehicle Usage<br>(days/year) | Vehicle Miles<br>Traveled<br>(VMT/year) |
|--------------------------------------|----------------------------------|------------------------|------------------------------|-----------------------------------------|
| <b>2027</b>                          |                                  |                        |                              |                                         |
| Diesel Single Unit Short-haul Trucks | 50                               | 5                      | 312                          | 78,000                                  |
| <b>2028</b>                          |                                  |                        |                              |                                         |
| Diesel Single Unit Short-haul Trucks | 50                               | 5                      | 312                          | 78,000                                  |
| <b>2029</b>                          |                                  |                        |                              |                                         |
| Diesel Single Unit Short-haul Trucks | 50                               | 5                      | 156                          | 39,000                                  |

| Vehicle                              | Emission Factor (g/VMT) <sup>1</sup> |          |             |          |                 |          |          |          |
|--------------------------------------|--------------------------------------|----------|-------------|----------|-----------------|----------|----------|----------|
|                                      | Formaldehyde                         | Hexane   | Naphthalene | PAH      | Propionaldehyde | Styrene  | Toluene  | Xylene   |
| <b>2027</b>                          |                                      |          |             |          |                 |          |          |          |
| Diesel Single Unit Short-haul Trucks | 4.78E-03                             | 1.29E-04 | 4.38E-04    | 1.62E-04 | 3.07E-04        | 5.20E-05 | 1.01E-03 | 3.67E-03 |
| <b>2028</b>                          |                                      |          |             |          |                 |          |          |          |
| Diesel Single Unit Short-haul Trucks | 4.11E-03                             | 1.12E-04 | 3.64E-04    | 1.33E-04 | 2.71E-04        | 4.21E-05 | 9.69E-04 | 3.64E-03 |
| <b>2029</b>                          |                                      |          |             |          |                 |          |          |          |
| Diesel Single Unit Short-haul Trucks | 3.55E-03                             | 9.83E-05 | 3.01E-04    | 1.09E-04 | 2.41E-04        | 3.38E-05 | 9.36E-04 | 3.62E-03 |

1. Based on EPA MOVES5.0.0.

| Vehicle                              | Emissions (tons/yr) |                 |                 |                 |                 |                 |                 |                 |
|--------------------------------------|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                                      | Formaldehyde        | Hexane          | Naphthalene     | PAH             | Propionaldehyde | Styrene         | Toluene         | Xylene          |
| <b>2027</b>                          |                     |                 |                 |                 |                 |                 |                 |                 |
| Diesel Single Unit Short-haul Trucks | 4.11E-04            | 1.11E-05        | 3.77E-05        | 1.40E-05        | 2.64E-05        | 4.47E-06        | 8.69E-05        | 3.16E-04        |
| <b>Total</b>                         | <b>4.11E-04</b>     | <b>1.11E-05</b> | <b>3.77E-05</b> | <b>1.40E-05</b> | <b>2.64E-05</b> | <b>4.47E-06</b> | <b>8.69E-05</b> | <b>3.16E-04</b> |
| <b>2028</b>                          |                     |                 |                 |                 |                 |                 |                 |                 |
| Diesel Single Unit Short-haul Trucks | 3.54E-04            | 9.66E-06        | 3.13E-05        | 1.14E-05        | 2.33E-05        | 3.62E-06        | 8.33E-05        | 3.13E-04        |
| <b>Total</b>                         | <b>3.54E-04</b>     | <b>9.66E-06</b> | <b>3.13E-05</b> | <b>1.14E-05</b> | <b>2.33E-05</b> | <b>3.62E-06</b> | <b>8.33E-05</b> | <b>3.13E-04</b> |
| <b>2029</b>                          |                     |                 |                 |                 |                 |                 |                 |                 |
| Diesel Single Unit Short-haul Trucks | 1.53E-04            | 4.23E-06        | 1.30E-05        | 4.67E-06        | 1.04E-05        | 1.45E-06        | 4.02E-05        | 1.56E-04        |
| <b>Total</b>                         | <b>1.53E-04</b>     | <b>4.23E-06</b> | <b>1.30E-05</b> | <b>4.67E-06</b> | <b>1.04E-05</b> | <b>1.45E-06</b> | <b>4.02E-05</b> | <b>1.56E-04</b> |

**Table 9.B.3.11 - Venture Global CP Express, LLC**  
**On-Road On-Site Construction Vehicle Tailpipe Hazardous Air Pollutant Emissions - Silsbee Compressor Station**  
**(Continued)**

| Vehicle                              | Onsite Travel<br>(miles/vehicle) | No. of<br>Vehicles/Day | Vehicle Usage<br>(days/year) | Vehicle Miles<br>Traveled<br>(VMT/year) |
|--------------------------------------|----------------------------------|------------------------|------------------------------|-----------------------------------------|
| <b>2027</b>                          |                                  |                        |                              |                                         |
| Diesel Single Unit Short-haul Trucks | 50                               | 5                      | 312                          | 78,000                                  |
| <b>2028</b>                          |                                  |                        |                              |                                         |
| Diesel Single Unit Short-haul Trucks | 50                               | 5                      | 312                          | 78,000                                  |
| <b>2029</b>                          |                                  |                        |                              |                                         |
| Diesel Single Unit Short-haul Trucks | 50                               | 5                      | 156                          | 39,000                                  |

| Vehicle                              | Emission Factor (g/VMT) <sup>1</sup> |             |           |          |          |
|--------------------------------------|--------------------------------------|-------------|-----------|----------|----------|
|                                      | Arsenic                              | Chromium VI | Manganese | Mercury  | Nickel   |
| <b>2027</b>                          |                                      |             |           |          |          |
| Diesel Single Unit Short-haul Trucks | 2.30E-06                             | 2.88E-09    | 1.10E-08  | 7.61E-07 | 1.00E+00 |
| <b>2028</b>                          |                                      |             |           |          |          |
| Diesel Single Unit Short-haul Trucks | 2.30E-06                             | 2.76E-09    | 1.10E-08  | 6.71E-07 | 1.00E+00 |
| <b>2029</b>                          |                                      |             |           |          |          |
| Diesel Single Unit Short-haul Trucks | 2.30E-06                             | 2.65E-09    | 1.10E-08  | 5.95E-07 | 1.00E+00 |

1. Based on EPA MOVES5.0.0.

| Vehicle                              | Emissions (tons/yr) |                 |                 |                 |                 |
|--------------------------------------|---------------------|-----------------|-----------------|-----------------|-----------------|
|                                      | Arsenic             | Chromium VI     | Manganese       | Mercury         | Nickel          |
| <b>2027</b>                          |                     |                 |                 |                 |                 |
| Diesel Single Unit Short-haul Trucks | 1.98E-07            | 2.48E-10        | 9.46E-10        | 6.54E-08        | 8.60E-02        |
| <b>Total</b>                         | <b>1.98E-07</b>     | <b>2.48E-10</b> | <b>9.46E-10</b> | <b>6.54E-08</b> | <b>8.60E-02</b> |
| <b>2028</b>                          |                     |                 |                 |                 |                 |
| Diesel Single Unit Short-haul Trucks | 1.98E-07            | 2.37E-10        | 9.46E-10        | 5.77E-08        | 8.60E-02        |
| <b>Total</b>                         | <b>1.98E-07</b>     | <b>2.37E-10</b> | <b>9.46E-10</b> | <b>5.77E-08</b> | <b>8.60E-02</b> |
| <b>2029</b>                          |                     |                 |                 |                 |                 |
| Diesel Single Unit Short-haul Trucks | 9.89E-08            | 1.14E-10        | 4.73E-10        | 2.56E-08        | 4.30E-02        |
| <b>Total</b>                         | <b>9.89E-08</b>     | <b>1.14E-10</b> | <b>4.73E-10</b> | <b>2.56E-08</b> | <b>4.30E-02</b> |

**Table 9.B.3.12 - Venture Global CP Express, LLC**  
**On-Road Worker Commuting Criteria and Greenhouse Gas Emissions - Silsbee Compressor Station**

| Vehicle                   | Onsite Travel<br>(miles/vehicle) | No. of<br>Vehicles/Day | Vehicle Usage<br>(days/year) | Vehicle<br>Miles<br>Traveled |
|---------------------------|----------------------------------|------------------------|------------------------------|------------------------------|
| <b>2027</b>               |                                  |                        |                              |                              |
| Gasoline Passenger Cars   | 50                               | 175                    | 312                          | 2,730,000                    |
| Gasoline Passenger Trucks | 50                               | 75                     | 312                          | 1,170,000                    |
| <b>2028</b>               |                                  |                        |                              |                              |
| Gasoline Passenger Cars   | 50                               | 175                    | 312                          | 2,730,000                    |
| Gasoline Passenger Trucks | 50                               | 75                     | 312                          | 1,170,000                    |
| <b>2029</b>               |                                  |                        |                              |                              |
| Gasoline Passenger Cars   | 50                               | 175                    | 156                          | 1,365,000                    |
| Gasoline Passenger Trucks | 50                               | 75                     | 156                          | 585,000                      |

| Vehicle                   | Emission Factor (g/VMT) <sup>1</sup> |                 |                 |      |                  |                   |                 |                 |                  |
|---------------------------|--------------------------------------|-----------------|-----------------|------|------------------|-------------------|-----------------|-----------------|------------------|
|                           | CO                                   | NO <sub>x</sub> | SO <sub>2</sub> | VOC  | PM <sub>10</sub> | PM <sub>2.5</sub> | CO <sub>2</sub> | CH <sub>4</sub> | N <sub>2</sub> O |
| <b>2027</b>               |                                      |                 |                 |      |                  |                   |                 |                 |                  |
| Gasoline Passenger Cars   | 3.94                                 | 0.11            | 2.44E-03        | 0.31 | 0.02             | 0.01              | 300.01          | 0.01            | 0.01             |
| Gasoline Passenger Trucks | 3.70                                 | 0.17            | 3.15E-03        | 0.23 | 0.02             | 0.01              | 387.64          | 0.02            | 0.01             |
| <b>2028</b>               |                                      |                 |                 |      |                  |                   |                 |                 |                  |
| Gasoline Passenger Cars   | 3.81                                 | 0.10            | 2.38E-03        | 0.31 | 0.02             | 0.01              | 292.59          | 0.01            | 0.005            |
| Gasoline Passenger Trucks | 3.51                                 | 0.15            | 3.10E-03        | 0.22 | 0.02             | 0.01              | 381.48          | 0.01            | 0.01             |
| <b>2029</b>               |                                      |                 |                 |      |                  |                   |                 |                 |                  |
| Gasoline Passenger Cars   | 3.67                                 | 0.09            | 2.32E-03        | 0.30 | 0.02             | 0.01              | 285.30          | 0.01            | 0.005            |
| Gasoline Passenger Trucks | 3.36                                 | 0.14            | 3.05E-03        | 0.22 | 0.02             | 0.01              | 375.76          | 0.01            | 0.01             |

1. Based on EPA MOVES5.0.0.

| Vehicle                   | Emissions (tons/yr) |                 |                 |             |                  |                   |                 |                 |                  |                                |
|---------------------------|---------------------|-----------------|-----------------|-------------|------------------|-------------------|-----------------|-----------------|------------------|--------------------------------|
|                           | CO                  | NO <sub>x</sub> | SO <sub>2</sub> | VOC         | PM <sub>10</sub> | PM <sub>2.5</sub> | CO <sub>2</sub> | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e <sup>1</sup> |
| <b>2027</b>               |                     |                 |                 |             |                  |                   |                 |                 |                  |                                |
| Gasoline Passenger Cars   | 11.87               | 0.33            | 7.33E-03        | 0.94        | 5.71E-02         | 0.02              | 902.81          | 4.46E-02        | 1.51E-02         | 908                            |
| Gasoline Passenger Trucks | 4.78                | 0.22            | 4.06E-03        | 0.30        | 0.02             | 0.01              | 499.94          | 1.94E-02        | 8.14E-03         | 503                            |
| <b>Total</b>              | <b>16.64</b>        | <b>0.55</b>     | <b>0.01</b>     | <b>1.24</b> | <b>0.08</b>      | <b>0.03</b>       | <b>1403</b>     | <b>0.06</b>     | <b>0.02</b>      | <b>1411</b>                    |
| <b>2028</b>               |                     |                 |                 |             |                  |                   |                 |                 |                  |                                |
| Gasoline Passenger Cars   | 11.45               | 0.30            | 7.15E-03        | 0.92        | 5.56E-02         | 0.02              | 880.50          | 4.26E-02        | 1.47E-02         | 886                            |
| Gasoline Passenger Trucks | 4.53                | 0.20            | 3.99E-03        | 0.29        | 2.45E-02         | 0.01              | 492.00          | 1.83E-02        | 6.29E-03         | 494                            |
| <b>Total</b>              | <b>15.98</b>        | <b>0.50</b>     | <b>0.01</b>     | <b>1.21</b> | <b>0.08</b>      | <b>0.03</b>       | <b>1373</b>     | <b>0.06</b>     | <b>0.02</b>      | <b>1380</b>                    |
| <b>2029</b>               |                     |                 |                 |             |                  |                   |                 |                 |                  |                                |
| Gasoline Passenger Cars   | 5.52                | 0.14            | 3.48E-03        | 0.45        | 2.73E-02         | 0.01              | 429.28          | 0.02            | 7.19E-03         | 432                            |
| Gasoline Passenger Trucks | 2.17                | 0.09            | 1.97E-03        | 0.14        | 1.21E-02         | 4.46E-03          | 242.31          | 0.01            | 3.84E-03         | 244                            |
| <b>Total</b>              | <b>7.69</b>         | <b>0.23</b>     | <b>0.01</b>     | <b>0.59</b> | <b>0.04</b>      | <b>0.01</b>       | <b>672</b>      | <b>0.03</b>     | <b>1.10E-02</b>  | <b>675</b>                     |

1. The global warming potentials of CO<sub>2</sub>, CH<sub>4</sub>, and N<sub>2</sub>O are 1, 28, and 265, respectively, based on 40 CFR 98, Table A-1 (Apr. 2024).

**Table 9.B.3.13 - Venture Global CP Express, LLC**  
**On-Road Worker Commuting Hazardous Air Pollutant Emissions - Silsbee Compressor Station**

| Vehicle                   | Onsite Travel<br>(miles/vehicle) | No. of Vehicles/Day | Vehicle Usage<br>(days/year) | Vehicle Miles<br>Traveled |
|---------------------------|----------------------------------|---------------------|------------------------------|---------------------------|
| <b>2027</b>               |                                  |                     |                              |                           |
| Gasoline Passenger Cars   | 50                               | 175                 | 312                          | 2,730,000                 |
| Gasoline Passenger Trucks | 50                               | 75                  | 312                          | 1,170,000                 |
| <b>2028</b>               |                                  |                     |                              |                           |
| Gasoline Passenger Cars   | 50                               | 175                 | 312                          | 2,730,000                 |
| Gasoline Passenger Trucks | 50                               | 75                  | 312                          | 1,170,000                 |
| <b>2029</b>               |                                  |                     |                              |                           |
| Gasoline Passenger Cars   | 50                               | 175                 | 156                          | 1,365,000                 |
| Gasoline Passenger Trucks | 50                               | 75                  | 156                          | 585,000                   |

| Vehicle                   | Emission Factor (g/VMT) <sup>1</sup> |                            |              |          |          |               |
|---------------------------|--------------------------------------|----------------------------|--------------|----------|----------|---------------|
|                           | 1,3-Butadiene                        | 2,2,4-<br>Trimethylpentane | Acetaldehyde | Acrolein | Benzene  | Ethyl Benzene |
| <b>2027</b>               |                                      |                            |              |          |          |               |
| Gasoline Passenger Cars   | 5.03E-04                             | 8.69E-03                   | 1.11E-03     | 6.86E-05 | 3.71E-03 | 4.82E-03      |
| Gasoline Passenger Trucks | 4.60E-04                             | 6.27E-03                   | 1.04E-03     | 6.32E-05 | 3.34E-03 | 3.74E-03      |
| <b>2028</b>               |                                      |                            |              |          |          |               |
| Gasoline Passenger Cars   | 4.76E-04                             | 8.60E-03                   | 1.05E-03     | 6.52E-05 | 3.56E-03 | 4.76E-03      |
| Gasoline Passenger Trucks | 4.31E-04                             | 6.08E-03                   | 9.78E-04     | 5.96E-05 | 3.16E-03 | 3.61E-03      |
| <b>2029</b>               |                                      |                            |              |          |          |               |
| Gasoline Passenger Cars   | 4.53E-04                             | 8.49E-03                   | 1.00E-03     | 6.23E-05 | 3.42E-03 | 4.68E-03      |
| Gasoline Passenger Trucks | 4.07E-04                             | 5.90E-03                   | 9.26E-04     | 5.67E-05 | 3.01E-03 | 3.49E-03      |

1. Based on EPA MOVES5.0.0.

| Vehicle                   | Emissions (tons/yr) |                            |                 |                 |                 |                 |
|---------------------------|---------------------|----------------------------|-----------------|-----------------|-----------------|-----------------|
|                           | 1,3-Butadiene       | 2,2,4-<br>Trimethylpentane | Acetaldehyde    | Acrolein        | Benzene         | Ethyl Benzene   |
| <b>2027</b>               |                     |                            |                 |                 |                 |                 |
| Gasoline Passenger Cars   | 1.51E-03            | 2.61E-02                   | 3.34E-03        | 2.06E-04        | 1.12E-02        | 1.45E-02        |
| Gasoline Passenger Trucks | 5.93E-04            | 8.08E-03                   | 1.34E-03        | 8.14E-05        | 4.31E-03        | 4.82E-03        |
| <b>Total</b>              | <b>2.11E-03</b>     | <b>3.42E-02</b>            | <b>4.69E-03</b> | <b>2.88E-04</b> | <b>1.55E-02</b> | <b>1.93E-02</b> |
| <b>2028</b>               |                     |                            |                 |                 |                 |                 |
| Gasoline Passenger Cars   | 1.43E-03            | 2.59E-02                   | 3.17E-03        | 1.96E-04        | 1.07E-02        | 1.43E-02        |
| Gasoline Passenger Trucks | 5.56E-04            | 7.84E-03                   | 1.26E-03        | 7.68E-05        | 4.08E-03        | 4.65E-03        |
| <b>Total</b>              | <b>1.99E-03</b>     | <b>3.37E-02</b>            | <b>4.43E-03</b> | <b>2.73E-04</b> | <b>1.48E-02</b> | <b>1.90E-02</b> |
| <b>2029</b>               |                     |                            |                 |                 |                 |                 |
| Gasoline Passenger Cars   | 6.81E-04            | 1.28E-02                   | 1.51E-03        | 9.37E-05        | 5.15E-03        | 7.05E-03        |
| Gasoline Passenger Trucks | 2.62E-04            | 3.81E-03                   | 5.97E-04        | 3.65E-05        | 1.94E-03        | 2.25E-03        |
| <b>Total</b>              | <b>9.44E-04</b>     | <b>1.66E-02</b>            | <b>2.11E-03</b> | <b>1.30E-04</b> | <b>7.10E-03</b> | <b>9.30E-03</b> |

**Table 9.B.3.13 - Venture Global CP Express, LLC**  
**On-Road Worker Commuting Hazardous Air Pollutant Emissions - Silsbee Compressor Station**  
**(Continued)**

| Vehicle                   | Onsite Travel<br>(miles/vehicle) | No. of<br>Vehicles/Day | Vehicle Usage<br>(days/year) | Vehicle Miles<br>Traveled<br>(VMT/year) |
|---------------------------|----------------------------------|------------------------|------------------------------|-----------------------------------------|
| <b>2027</b>               |                                  |                        |                              |                                         |
| Gasoline Passenger Cars   | 50                               | 175                    | 312                          | 2,730,000                               |
| Gasoline Passenger Trucks | 50                               | 75                     | 312                          | 1,170,000                               |
| <b>2028</b>               |                                  |                        |                              |                                         |
| Gasoline Passenger Cars   | 50                               | 175                    | 312                          | 2,730,000                               |
| Gasoline Passenger Trucks | 50                               | 75                     | 312                          | 1,170,000                               |
| <b>2029</b>               |                                  |                        |                              |                                         |
| Gasoline Passenger Cars   | 50                               | 175                    | 156                          | 1,365,000                               |
| Gasoline Passenger Trucks | 50                               | 75                     | 156                          | 585,000                                 |

| Vehicle                   | Emission Factor (g/VMT) <sup>1</sup> |          |             |          |                 |          |          |          |
|---------------------------|--------------------------------------|----------|-------------|----------|-----------------|----------|----------|----------|
|                           | Formaldehyde                         | Hexane   | Naphthalene | PAH      | Propionaldehyde | Styrene  | Toluene  | Xylene   |
| <b>2027</b>               |                                      |          |             |          |                 |          |          |          |
| Gasoline Passenger Cars   | 7.89E-04                             | 9.23E-03 | 1.51E-04    | 5.95E-05 | 4.53E-05        | 6.31E-05 | 3.84E-02 | 1.81E-02 |
| Gasoline Passenger Trucks | 8.40E-04                             | 6.52E-03 | 1.50E-04    | 6.07E-05 | 4.84E-05        | 6.41E-05 | 2.79E-02 | 1.40E-02 |
| <b>2028</b>               |                                      |          |             |          |                 |          |          |          |
| Gasoline Passenger Cars   | 7.44E-04                             | 9.07E-03 | 1.43E-04    | 5.62E-05 | 4.24E-05        | 5.95E-05 | 3.80E-02 | 1.79E-02 |
| Gasoline Passenger Trucks | 7.83E-04                             | 6.29E-03 | 1.40E-04    | 5.70E-05 | 4.48E-05        | 5.98E-05 | 2.71E-02 | 1.35E-02 |
| <b>2029</b>               |                                      |          |             |          |                 |          |          |          |
| Gasoline Passenger Cars   | 7.06E-04                             | 8.90E-03 | 1.36E-04    | 5.36E-05 | 4.00E-05        | 5.64E-05 | 3.75E-02 | 1.76E-02 |
| Gasoline Passenger Trucks | 7.36E-04                             | 6.09E-03 | 1.32E-04    | 5.39E-05 | 4.18E-05        | 5.62E-05 | 2.63E-02 | 1.30E-02 |

1. Based on EPA MOVES5.0.0.

| Vehicle                   | Emissions (tons/yr) |                 |                 |                 |                 |                 |                 |                 |
|---------------------------|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                           | Formaldehyde        | Hexane          | Naphthalene     | PAH             | Propionaldehyde | Styrene         | Toluene         | Xylene          |
| <b>2027</b>               |                     |                 |                 |                 |                 |                 |                 |                 |
| Gasoline Passenger Cars   | 2.37E-03            | 2.78E-02        | 4.54E-04        | 1.79E-04        | 1.36E-04        | 1.90E-04        | 1.16E-01        | 5.46E-02        |
| Gasoline Passenger Trucks | 1.08E-03            | 8.40E-03        | 1.93E-04        | 7.83E-05        | 6.25E-05        | 8.27E-05        | 3.60E-02        | 1.80E-02        |
| <b>Total</b>              | <b>3.46E-03</b>     | <b>3.62E-02</b> | <b>6.47E-04</b> | <b>2.57E-04</b> | <b>1.99E-04</b> | <b>2.72E-04</b> | <b>1.52E-01</b> | <b>7.26E-02</b> |
| <b>2028</b>               |                     |                 |                 |                 |                 |                 |                 |                 |
| Gasoline Passenger Cars   | 2.24E-03            | 2.73E-02        | 4.30E-04        | 1.69E-04        | 1.28E-04        | 1.79E-04        | 1.14E-01        | 5.38E-02        |
| Gasoline Passenger Trucks | 1.01E-03            | 8.11E-03        | 1.81E-04        | 7.35E-05        | 5.78E-05        | 7.71E-05        | 3.49E-02        | 1.74E-02        |
| <b>Total</b>              | <b>3.25E-03</b>     | <b>3.54E-02</b> | <b>6.11E-04</b> | <b>2.43E-04</b> | <b>1.85E-04</b> | <b>2.56E-04</b> | <b>1.49E-01</b> | <b>7.12E-02</b> |
| <b>2029</b>               |                     |                 |                 |                 |                 |                 |                 |                 |
| Gasoline Passenger Cars   | 1.06E-03            | 1.34E-02        | 2.04E-04        | 8.07E-05        | 6.02E-05        | 8.49E-05        | 5.64E-02        | 2.65E-02        |
| Gasoline Passenger Trucks | 4.75E-04            | 3.92E-03        | 8.54E-05        | 3.48E-05        | 2.70E-05        | 3.63E-05        | 1.69E-02        | 8.41E-03        |
| <b>Total</b>              | <b>1.54E-03</b>     | <b>1.73E-02</b> | <b>2.90E-04</b> | <b>1.15E-04</b> | <b>8.71E-05</b> | <b>1.21E-04</b> | <b>7.34E-02</b> | <b>3.49E-02</b> |

**Table 9.B.3.13 - Venture Global CP Express, LLC**  
**On-Road Worker Commuting Hazardous Air Pollutant Emissions - Silsbee Compressor Station**  
**(Continued)**

| Vehicle                   | Onsite Travel<br>(miles/vehicle) | No. of<br>Vehicles/Day | Vehicle Usage<br>(days/year) | Vehicle Miles<br>Traveled<br>(VMT/year) |
|---------------------------|----------------------------------|------------------------|------------------------------|-----------------------------------------|
| <b>2027</b>               |                                  |                        |                              |                                         |
| Gasoline Passenger Cars   | 50                               | 175                    | 312                          | 2,730,000                               |
| Gasoline Passenger Trucks | 50                               | 75                     | 312                          | 1,170,000                               |
| <b>2028</b>               |                                  |                        |                              |                                         |
| Gasoline Passenger Cars   | 50                               | 175                    | 312                          | 2,730,000                               |
| Gasoline Passenger Trucks | 50                               | 75                     | 312                          | 1,170,000                               |
| <b>2029</b>               |                                  |                        |                              |                                         |
| Gasoline Passenger Cars   | 50                               | 175                    | 156                          | 1,365,000                               |
| Gasoline Passenger Trucks | 50                               | 75                     | 156                          | 585,000                                 |

| Vehicle                   | Emission Factor (g/VMT) <sup>1</sup> |             |           |          |          |
|---------------------------|--------------------------------------|-------------|-----------|----------|----------|
|                           | Arsenic                              | Chromium VI | Manganese | Mercury  | Nickel   |
| <b>2027</b>               |                                      |             |           |          |          |
| Gasoline Passenger Cars   | 2.30E-06                             | 1.20E-08    | 1.20E-07  | 1.50E-06 | 1.00E+00 |
| Gasoline Passenger Trucks | 2.30E-06                             | 1.20E-08    | 1.20E-07  | 1.50E-06 | 1.00E+00 |
| <b>2028</b>               |                                      |             |           |          |          |
| Gasoline Passenger Cars   | 2.30E-06                             | 1.20E-08    | 1.20E-07  | 1.50E-06 | 1.00E+00 |
| Gasoline Passenger Trucks | 2.30E-06                             | 1.20E-08    | 1.20E-07  | 1.50E-06 | 1.00E+00 |
| <b>2029</b>               |                                      |             |           |          |          |
| Gasoline Passenger Cars   | 2.30E-06                             | 1.20E-08    | 1.20E-07  | 1.50E-06 | 1.00E+00 |
| Gasoline Passenger Trucks | 2.30E-06                             | 1.20E-08    | 1.20E-07  | 1.50E-06 | 1.00E+00 |

1. Based on EPA MOVES5.0.0.

| Vehicle                   | Emissions (tons/yr) |                 |                 |                 |                 |
|---------------------------|---------------------|-----------------|-----------------|-----------------|-----------------|
|                           | Arsenic             | Chromium VI     | Manganese       | Mercury         | Nickel          |
| <b>2027</b>               |                     |                 |                 |                 |                 |
| Gasoline Passenger Cars   | 6.92E-06            | 3.61E-08        | 3.62E-07        | 4.51E-06        | 3.01E+00        |
| Gasoline Passenger Trucks | 2.97E-06            | 1.55E-08        | 1.55E-07        | 1.93E-06        | 1.29E+00        |
| <b>Total</b>              | <b>9.89E-06</b>     | <b>5.16E-08</b> | <b>5.17E-07</b> | <b>6.45E-06</b> | <b>4.30E+00</b> |
| <b>2028</b>               |                     |                 |                 |                 |                 |
| Gasoline Passenger Cars   | 6.92E-06            | 3.61E-08        | 3.62E-07        | 4.51E-06        | 3.01E+00        |
| Gasoline Passenger Trucks | 2.97E-06            | 1.55E-08        | 1.55E-07        | 1.93E-06        | 1.29E+00        |
| <b>Total</b>              | <b>9.89E-06</b>     | <b>5.16E-08</b> | <b>5.17E-07</b> | <b>6.45E-06</b> | <b>4.30E+00</b> |
| <b>2029</b>               |                     |                 |                 |                 |                 |
| Gasoline Passenger Cars   | 3.46E-06            | 1.81E-08        | 1.81E-07        | 2.26E-06        | 1.50E+00        |
| Gasoline Passenger Trucks | 1.48E-06            | 7.74E-09        | 7.76E-08        | 9.67E-07        | 6.45E-01        |
| <b>Total</b>              | <b>4.94E-06</b>     | <b>2.58E-08</b> | <b>2.59E-07</b> | <b>3.22E-06</b> | <b>2.15E+00</b> |

**Table 9.B.3.14 - Venture Global CP Express, LLC**  
**Fugitive Dust from Construction Activity - Silsbee Compressor Station**

| Year                                                                                                                                                                                                                                                                                                                                                                                                                 | Construction Area (acres) | Emission Factor (ton/acre-month) |                                | Duration (months) | Uncontrolled Emissions (tons/year) |                   | Controlled Emissions <sup>3</sup> (tons/year) |                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------------------------|--------------------------------|-------------------|------------------------------------|-------------------|-----------------------------------------------|-------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                      |                           | PM <sub>10</sub> <sup>1</sup>    | PM <sub>2.5</sub> <sup>2</sup> |                   | PM <sub>10</sub>                   | PM <sub>2.5</sub> | PM <sub>10</sub>                              | PM <sub>2.5</sub> |
| 2027                                                                                                                                                                                                                                                                                                                                                                                                                 | 110.00                    | 0.11                             | 0.011                          | 12                | 145.20                             | 14.52             | 72.60                                         | 7.26              |
| 2028                                                                                                                                                                                                                                                                                                                                                                                                                 | 110.00                    | 0.11                             | 0.011                          | 12                | 145.20                             | 14.52             | 72.60                                         | 7.26              |
| 2029                                                                                                                                                                                                                                                                                                                                                                                                                 | 60.00                     | 0.11                             | 0.011                          | 6                 | 39.60                              | 3.96              | 19.80                                         | 1.98              |
| 1. WRAP Fugitive Dust Handbook, Countess Environmental, September 2006, Table 3-2, level 1, average conditions.<br>2. PM <sub>2.5</sub> /PM <sub>10</sub> = 0.10 (WRAP Fugitive Dust Handbook, Countess Environmental, September 2006, Section 3.4.1)<br>3. Assume 50% control from water and other approved dust suppressants. (WRAP Fugitive Dust Handbook, Countess Environmental, September 2006, Section 3.4.1) |                           |                                  |                                |                   |                                    |                   |                                               |                   |

**Table 9.B.3.15 - Venture Global CP Express, LLC  
Fugitive Dust from Paved Roads - Silsbee Compressor Station**

**Paved Road Data<sup>1</sup>**

|                                                           |                   |         |
|-----------------------------------------------------------|-------------------|---------|
| Road surface silt loading <sup>1</sup> , g/m <sup>2</sup> | 0.2               |         |
| Particle size multiplier (k) <sup>1</sup>                 | PM <sub>10</sub>  | 0.0022  |
|                                                           | PM <sub>2.5</sub> | 0.00054 |

| Type of Vehicle           | Vehicle Miles Traveled , (VMT)/year |           |           | Average Vehicle Weight <sup>2</sup> , tons | Emission Factor <sup>3</sup> , lb/VMT |                   |
|---------------------------|-------------------------------------|-----------|-----------|--------------------------------------------|---------------------------------------|-------------------|
|                           | 2027                                | 2028      | 2029      |                                            | PM <sub>10</sub>                      | PM <sub>2.5</sub> |
| Gasoline Passenger Cars   | 2,730,000                           | 2,730,000 | 1,365,000 | 4.63                                       | 2.43E-03                              | 5.96E-04          |
| Gasoline Passenger Trucks | 1,170,000                           | 1,170,000 | 585,000   | 4.63                                       | 2.43E-03                              | 5.96E-04          |

**Paved Road Emissions**

| Year | Total Emissions, tons/year |                   |
|------|----------------------------|-------------------|
|      | PM <sub>10</sub>           | PM <sub>2.5</sub> |
| 2027 | 4.73                       | 1.16              |
| 2028 | 4.73                       | 1.16              |
| 2029 | 2.37                       | 0.58              |

1. Based on AP-42, Section 13.2.1, Paved Roads, January 2011. For silt loading, no site-specific data is available. Thus, Venture Global utilized the value from Table 13.2.1-2 for ubiquitous baseline with average daily traffic (ADT) ranging between 500 to 5,000 vehicles.

2. Based on the average Gross Vehicle Weight (lb) for HDGV (class 2B) as provided in Table 1 of Update Heavy-Duty Engine Emission Conversion Factors for MOBILE6: Analysis of BSFCs and Calculation of Heavy-Duty Engine Emission Conversion Factors, EPA420-P-98-015, May 1998.

3. PM emission factors determined by methodology from AP-42, Section 13.2.1, *Paved Roads*, Equation 1 (January, 2011)

$$E = k * (sL)^{0.91} * W^{1.02}$$

E= particulate emission factor, (lb/VMT)

k= Particle size multiplier for particle size range and units of interest from Table 13.2.1-1

sL= road surface silt loading from Table 13.2.1-2, grams per square meter (g/m<sup>2</sup>)

W= average weight of the vehicles traveling the road, tons

**Table 9.B.3.16 - Venture Global CP Express, LLC  
Silsbee Compressor Station - Construction Emissions Totals**

| Nonroad Exhaust Emissions - Criteria Pollutants and GHG Emissions  |                         |                        |                 |          |                  |                   |                 |                 |                  |                   |
|--------------------------------------------------------------------|-------------------------|------------------------|-----------------|----------|------------------|-------------------|-----------------|-----------------|------------------|-------------------|
| Year                                                               | Annual Emissions (tons) |                        |                 |          |                  |                   |                 |                 |                  |                   |
|                                                                    | CO                      | NOx                    | SO <sub>2</sub> | VOC      | PM <sub>10</sub> | PM <sub>2.5</sub> | CO <sub>2</sub> | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e |
| 2027                                                               | 3.76                    | 12.63                  | 0.03            | 0.79     | 0.63             | 0.61              | 11,384          | 0.06            | 1.01             | 11,653            |
| 2028                                                               | 3.33                    | 11.72                  | 0.03            | 0.72     | 0.56             | 0.54              | 11,384          | 0.05            | 1.01             | 11,654            |
| 2029                                                               | 1.49                    | 5.49                   | 0.02            | 0.33     | 0.25             | 0.24              | 5,692           | 0.03            | 0.51             | 5,827             |
| Total <sup>1</sup>                                                 | 8.58                    | 29.84                  | 0.08            | 1.84     | 1.43             | 1.39              | 28,460          | 0.14            | 2.53             | 29,134            |
|                                                                    |                         |                        |                 |          |                  |                   |                 |                 |                  |                   |
| Nonroad Exhaust Emissions - Hazardous Air Pollutant Emissions      |                         |                        |                 |          |                  |                   |                 |                 |                  |                   |
| Year                                                               | Annual Emissions (tons) |                        |                 |          |                  |                   |                 |                 |                  |                   |
|                                                                    | 1,3-Butadiene           | 2,2,4-Trimethylpentane | Acetaldehyde    | Acrolein | Benzene          | Ethyl Benzene     | Formaldehyde    | Hexane          | Naphthalene      | PAH               |
| 2027                                                               | 0.001                   | 0.01                   | 0.07            | 0.01     | 0.03             | 4.38E-03          | 0.20            | 5.28E-04        | 3.18E-03         | 3.23E-03          |
| 2028                                                               | 0.001                   | 5.33E-03               | 0.07            | 0.01     | 0.03             | 4.03E-03          | 0.18            | 4.61E-04        | 2.88E-03         | 2.90E-03          |
| 2029                                                               | 0.001                   | 2.43E-03               | 0.03            | 0.01     | 0.01             | 1.87E-03          | 0.08            | 2.03E-04        | 1.31E-03         | 1.31E-03          |
| Total <sup>1</sup>                                                 | 0.00                    | 0.01                   | 0.17            | 0.03     | 0.08             | 0.01              | 0.46            | 1.19E-03        | 0.01             | 0.01              |
|                                                                    |                         |                        |                 |          |                  |                   |                 |                 |                  |                   |
| Nonroad Exhaust Emissions - Hazardous Air Pollutant Emissions      |                         |                        |                 |          |                  |                   |                 |                 |                  |                   |
| Year                                                               | Annual Emissions (tons) |                        |                 |          |                  |                   |                 |                 |                  |                   |
|                                                                    | Propionaldehyde         | Toluene                | Xylene          | Arsenic  | Chromium VI      | Manganese         | Mercury         | Nickel          | Total HAPs       |                   |
| 2027                                                               | 0.02                    | 0.03                   | 0.02            | 1.78E-05 | 5.41E-08         | 2.15E-05          | 2.37E-07        | 3.72E-05        | 0.39             |                   |
| 2028                                                               | 0.01                    | 0.02                   | 0.02            | 1.78E-05 | 5.36E-08         | 2.13E-05          | 2.37E-07        | 3.68E-05        | 0.36             |                   |
| 2029                                                               | 0.01                    | 0.01                   | 0.01            | 8.92E-06 | 2.66E-08         | 1.06E-05          | 1.19E-07        | 1.82E-05        | 0.16             |                   |
| Total <sup>1</sup>                                                 | 0.04                    | 0.06                   | 0.04            | 4.46E-05 | 1.34E-07         | 5.34E-05          | 5.93E-07        | 9.22E-05        | 0.91             |                   |
|                                                                    |                         |                        |                 |          |                  |                   |                 |                 |                  |                   |
| On-Road Tailpipe Emissions - Criteria Pollutants and GHG Emissions |                         |                        |                 |          |                  |                   |                 |                 |                  |                   |
| Year                                                               | Annual Emissions (tons) |                        |                 |          |                  |                   |                 |                 |                  |                   |
|                                                                    | CO                      | NOx                    | SO <sub>2</sub> | VOC      | PM <sub>10</sub> | PM <sub>2.5</sub> | CO <sub>2</sub> | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e |
| 2027                                                               | 16.73                   | 0.64                   | 0.01            | 1.24     | 0.09             | 0.03              | 1,472           | 0.07            | 0.03             | 1,483             |
| 2028                                                               | 16.06                   | 0.58                   | 0.01            | 1.22     | 0.09             | 0.03              | 1,440           | 0.06            | 0.03             | 1,450             |
| 2029                                                               | 7.73                    | 0.27                   | 0.01            | 0.60     | 0.04             | 0.02              | 705             | 0.03            | 0.02             | 710               |
| Total <sup>1</sup>                                                 | 40.52                   | 1.49                   | 0.03            | 3.06     | 0.22             | 0.08              | 3,618           | 0.16            | 0.08             | 3,643             |
|                                                                    |                         |                        |                 |          |                  |                   |                 |                 |                  |                   |
| On-Road Tailpipe Emissions - Hazardous Air Pollutant Emissions     |                         |                        |                 |          |                  |                   |                 |                 |                  |                   |
| Year                                                               | Annual Emissions (tons) |                        |                 |          |                  |                   |                 |                 |                  |                   |
|                                                                    | 1,3-Butadiene           | 2,2,4-Trimethylpentane | Acetaldehyde    | Acrolein | Benzene          | Ethyl Benzene     | Formaldehyde    | Hexane          | Naphthalene      | PAH               |
| 2027                                                               | 2.12E-03                | 3.42E-02               | 4.97E-03        | 3.25E-04 | 1.55E-02         | 1.94E-02          | 3.87E-03        | 0.04            | 6.85E-04         | 2.71E-04          |
| 2028                                                               | 2.00E-03                | 3.37E-02               | 4.69E-03        | 3.06E-04 | 1.48E-02         | 1.90E-02          | 3.60E-03        | 0.04            | 6.42E-04         | 2.54E-04          |
| 2029                                                               | 9.47E-04                | 1.66E-02               | 2.22E-03        | 1.45E-04 | 7.10E-03         | 9.32E-03          | 1.69E-03        | 0.02            | 3.03E-04         | 1.20E-04          |
| Total <sup>1</sup>                                                 | 5.06E-03                | 8.46E-02               | 0.01            | 7.75E-04 | 3.74E-02         | 4.77E-02          | 0.01            | 0.09            | 1.63E-03         | 6.46E-04          |
|                                                                    |                         |                        |                 |          |                  |                   |                 |                 |                  |                   |
| On-Road Tailpipe Emissions - Hazardous Air Pollutant Emissions     |                         |                        |                 |          |                  |                   |                 |                 |                  |                   |
| Year                                                               | Annual Emissions (tons) |                        |                 |          |                  |                   |                 |                 |                  |                   |
|                                                                    | Propionaldehyde         | Styrene                | Toluene         | Xylene   | Arsenic          | Chromium VI       | Manganese       | Mercury         | Nickel           | Total HAPs        |
| 2027                                                               | 2.25E-04                | 2.77E-04               | 0.15            | 0.07     | 1.01E-05         | 5.18E-08          | 5.18E-07        | 6.51E-06        | 4.38             | 4.73              |
| 2028                                                               | 2.09E-04                | 2.60E-04               | 0.15            | 0.07     | 1.01E-05         | 5.18E-08          | 5.18E-07        | 6.51E-06        | 4.38             | 4.72              |
| 2029                                                               | 9.75E-05                | 1.23E-04               | 0.07            | 0.04     | 5.04E-06         | 2.59E-08          | 2.59E-07        | 3.25E-06        | 2.19             | 2.36              |
| Total <sup>1</sup>                                                 | 5.31E-04                | 6.59E-04               | 0.37            | 0.18     | 2.52E-05         | 1.30E-07          | 1.30E-06        | 1.63E-05        | 10.96            | 11.81             |

1 - Construction is expected to take 2.5 years starting in first quarter of 2027. If the start of construction were delayed causing construction to continue into 2030, emissions factors would be lower in 2030 than prior years. Therefore, accounting for all construction in 2027-2029 provides the most conservative emissions estimate.

**Table 9.B.3.16 - Venture Global CP Express, LLC  
Silsbee Compressor Station - Construction Emissions Totals**

| Fugitive Dust |                         |                 |                 |     |                  |                   |                 |                 |                  |                   |
|---------------|-------------------------|-----------------|-----------------|-----|------------------|-------------------|-----------------|-----------------|------------------|-------------------|
| Year          | Annual Emissions (tons) |                 |                 |     |                  |                   |                 |                 |                  |                   |
|               | CO                      | NO <sub>x</sub> | SO <sub>2</sub> | VOC | PM <sub>10</sub> | PM <sub>2.5</sub> | CO <sub>2</sub> | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e |
| 2027          | -                       | -               | -               | -   | 77.33            | 8.42              | -               | -               | -                | -                 |
| 2028          | -                       | -               | -               | -   | 77.33            | 8.42              | -               | -               | -                | -                 |
| 2029          | -                       | -               | -               | -   | 22.17            | 2.56              | -               | -               | -                | -                 |
| <b>Total</b>  | -                       | -               | -               | -   | <b>176.84</b>    | <b>19.41</b>      | -               | -               | -                | -                 |

| Totals - Criteria and GHG Emissions |                         |                 |                 |             |                  |                   |                 |                 |                  |                   |
|-------------------------------------|-------------------------|-----------------|-----------------|-------------|------------------|-------------------|-----------------|-----------------|------------------|-------------------|
| Year                                | Annual Emissions (tons) |                 |                 |             |                  |                   |                 |                 |                  |                   |
|                                     | CO                      | NO <sub>x</sub> | SO <sub>2</sub> | VOC         | PM <sub>10</sub> | PM <sub>2.5</sub> | CO <sub>2</sub> | CH <sub>4</sub> | N <sub>2</sub> O | CO <sub>2</sub> e |
| 2027                                | 20.48                   | 13.27           | 0.04            | 2.04        | 78.05            | 9.06              | 12856.30        | 0.13            | 1.04             | 13136.39          |
| 2028                                | 19.40                   | 12.30           | 0.04            | 1.94        | 77.98            | 8.99              | 12824.45        | 0.12            | 1.04             | 13103.72          |
| 2029                                | 9.21                    | 5.76            | 0.02            | 0.93        | 22.46            | 2.82              | 6396.94         | 0.06            | 0.52             | 6536.62           |
| <b>Total</b>                        | <b>49.09</b>            | <b>31.33</b>    | <b>0.11</b>     | <b>4.90</b> | <b>178.49</b>    | <b>20.87</b>      | <b>32,078</b>   | <b>0.30</b>     | <b>2.61</b>      | <b>32,777</b>     |

| Totals - Hazardous Air Pollutant Emissions |                         |                        |              |             |             |               |              |             |             |             |
|--------------------------------------------|-------------------------|------------------------|--------------|-------------|-------------|---------------|--------------|-------------|-------------|-------------|
| Year                                       | Annual Emissions (tons) |                        |              |             |             |               |              |             |             |             |
|                                            | 1,3-Butadiene           | 2,2,4-Trimethylpentane | Acetaldehyde | Acrolein    | Benzene     | Ethyl Benzene | Formaldehyde | Hexane      | Naphthalene | PAH         |
| 2027                                       | 3.43E-03                | 4.01E-02               | 7.77E-02     | 1.44E-02    | 4.84E-02    | 2.38E-02      | 2.01E-01     | 3.67E-02    | 3.86E-03    | 3.50E-03    |
| 2028                                       | 3.18E-03                | 3.91E-02               | 7.06E-02     | 1.29E-02    | 4.47E-02    | 2.30E-02      | 1.82E-01     | 3.59E-02    | 3.52E-03    | 3.16E-03    |
| 2029                                       | 1.48E-03                | 1.90E-02               | 3.23E-02     | 5.86E-03    | 2.07E-02    | 1.12E-02      | 8.24E-02     | 1.75E-02    | 1.61E-03    | 1.43E-03    |
| <b>Total</b>                               | <b>0.01</b>             | <b>0.10</b>            | <b>0.18</b>  | <b>0.03</b> | <b>0.11</b> | <b>0.06</b>   | <b>0.47</b>  | <b>0.09</b> | <b>0.01</b> | <b>0.01</b> |

| Totals - Hazardous Air Pollutant Emissions |                         |             |             |                 |                 |                 |                 |              |                 |              |
|--------------------------------------------|-------------------------|-------------|-------------|-----------------|-----------------|-----------------|-----------------|--------------|-----------------|--------------|
| Year                                       | Annual Emissions (tons) |             |             |                 |                 |                 |                 |              |                 |              |
|                                            | Propionaldehyde         | Toluene     | Xylene      | Arsenic         | Chromium VI     | Manganese       | Mercury         | Nickel       | Styrene         | Total HAPs   |
| 2027                                       | 0.02                    | 0.18        | 0.09        | 2.79E-05        | 1.06E-07        | 2.21E-05        | 6.75E-06        | 4.39         | 2.77E-04        | <b>5.12</b>  |
| 2028                                       | 0.02                    | 0.17        | 0.09        | 2.79E-05        | 1.05E-07        | 2.18E-05        | 6.74E-06        | 4.39         | 2.60E-04        | <b>5.08</b>  |
| 2029                                       | 0.01                    | 0.08        | 0.04        | 1.40E-05        | 5.25E-08        | 1.08E-05        | 3.37E-06        | 2.19         | 1.23E-04        | <b>2.52</b>  |
| <b>Total</b>                               | <b>0.04</b>             | <b>0.43</b> | <b>0.22</b> | <b>6.98E-05</b> | <b>2.64E-07</b> | <b>5.47E-05</b> | <b>1.69E-05</b> | <b>10.96</b> | <b>6.59E-04</b> | <b>12.72</b> |

**VENTURE GLOBAL CP2 LNG, LLC  
VENTURE GLOBAL CP EXPRESS, LLC  
CP2 LNG EXPANSION PROJECT**

**RESOURCE REPORT – AIR AND NOISE QUALITY  
APPENDIX 9C  
Figures**



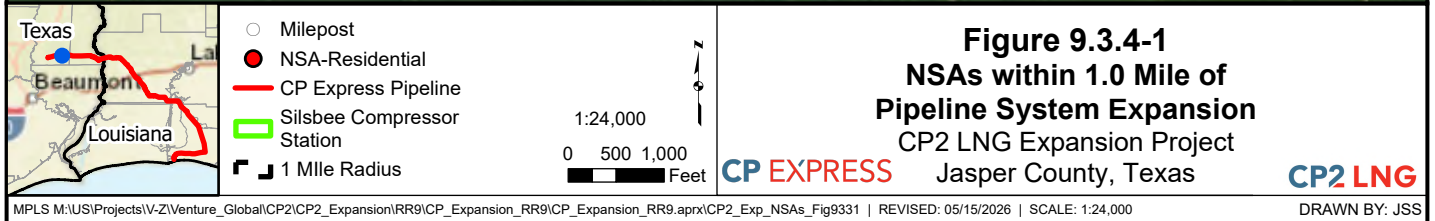
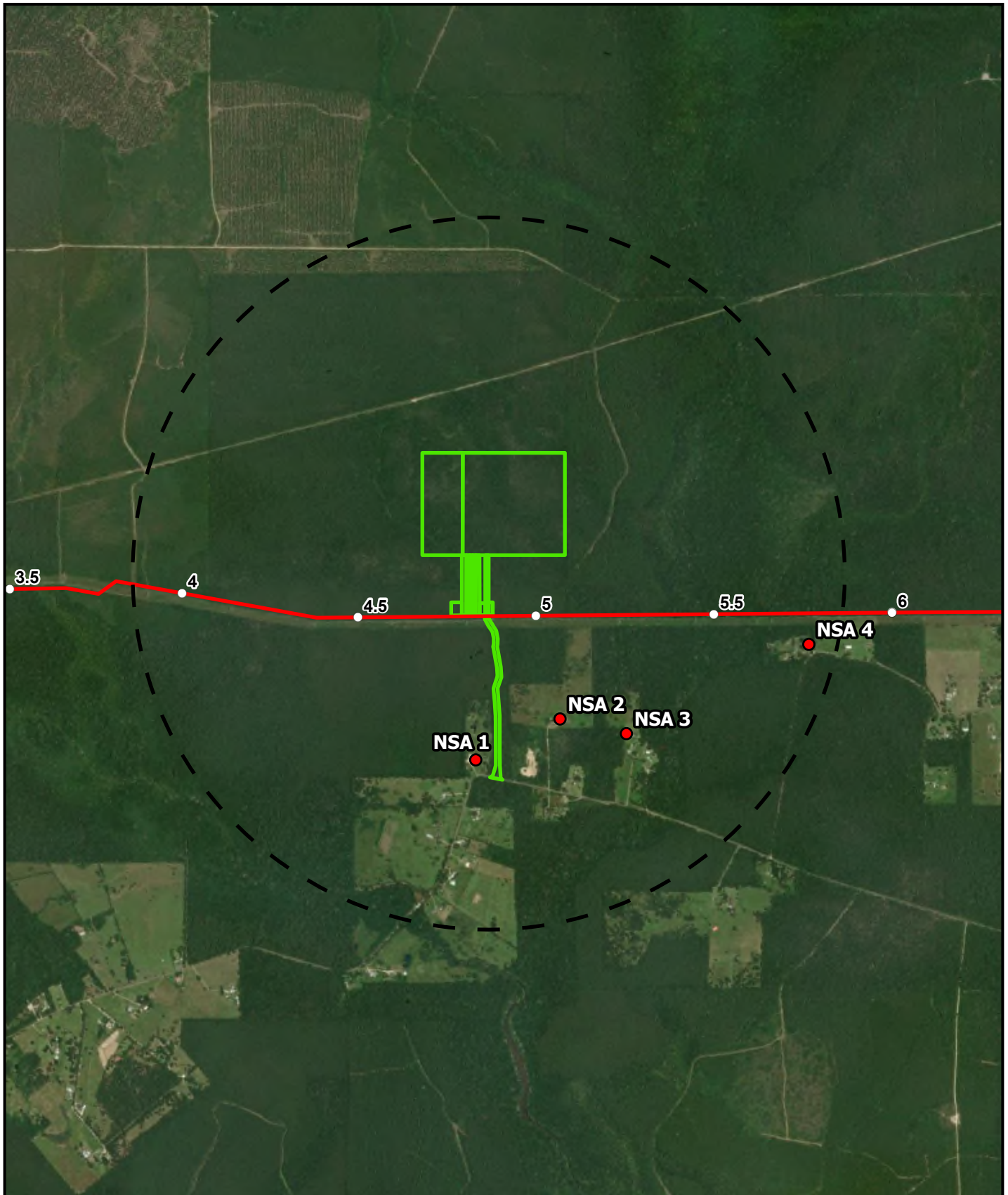
- NSA locations
- ▭ Approved CP2 LNG
- ▭ Terminal Facilities Footprint
- ▭ Floodwall
- ▭ 1 Mile Radius
- ▭ Terminal Site Phase 3
- ▭ Marine Facilities Phase 3



**Figure 9.3.3-1**  
**NSAs within 1.0 Mile of Terminal Site**  
 CP2 LNG Expansion Project  
 Cameron Parish, Louisiana

CP EXPRESS

CP2 LNG



**VENTURE GLOBAL CP2 LNG, LLC  
VENTURE GLOBAL CP EXPRESS, LLC  
CP2 LNG EXPANSION PROJECT**

**RESOURCE REPORT 9 – AIR AND NOISE QUALITY  
APPENDIX 9D  
On-Road Mobile Source  
Operational Emission Calculations**

**Table 9.D.1.1 - Venture Global CP2 LNG, LLC - CP2 LNG Expansion Project**  
**Onroad Mobile Sources - Criteria, Greenhouse Gas, and Hazardous Air Pollutant Emissions**  
**(Operation)**

**Operational Data [1]**

| Vehicle Type                      | Fuel Type |
|-----------------------------------|-----------|
| Gasoline Passenger Trucks         | Gasoline  |
| Vehicle Miles Traveled (VMT/year) | 1,752,000 |

| Pollutant                             | Emission Factor [2], g/VMT | Annual Emissions, tons/year |
|---------------------------------------|----------------------------|-----------------------------|
| Particulate Matter, PM <sub>10</sub>  | 1.37E-03                   | 0.003                       |
| Particulate Matter, PM <sub>2.5</sub> | 1.21E-03                   | 0.002                       |
| Sulfur dioxide                        | 3.49E-03                   | 0.01                        |
| Nitrogen dioxide                      | 6.49E-02                   | 0.13                        |
| Carbon monoxide                       | 1.73E+00                   | 3.33                        |
| Volatile Organic Compounds            | 1.72E-02                   | 0.03                        |
| Carbon dioxide                        | 4.17E+02                   | 805.57                      |
| Nitrous oxide                         | 2.56E-03                   | 0.00                        |
| Methane                               | 6.00E-03                   | 0.01                        |
| CO <sub>2</sub> e [3]                 | -                          | 807.20                      |
| 1,3-Butadiene                         | 6.87449E-05                | 1.33E-04                    |
| 2,2,4-Trimethylpentane                | 4.74E-04                   | 9.15E-04                    |
| Acetaldehyde                          | 2.24E-04                   | 4.32E-04                    |
| Acrolein                              | 1.39223E-05                | 2.69E-05                    |
| Benzene                               | 2.49E-04                   | 4.81E-04                    |
| Ethyl Benzene                         | 3.00E-04                   | 5.78E-04                    |
| Formaldehyde                          | 3.07E-04                   | 5.93E-04                    |
| Hexane                                | 4.87E-04                   | 9.41E-04                    |
| Naphthalene                           | 1.48E-07                   | 2.86E-07                    |
| PAH                                   | 1.86E-05                   | 3.60E-05                    |
| Propionaldehyde                       | 1.50E-05                   | 2.90E-05                    |
| Styrene                               | 1.86194E-05                | 3.60E-05                    |
| Toluene                               | 2.10E-03                   | 4.05E-03                    |
| Xylenes                               | 1.11E-03                   | 2.14E-03                    |
| Arsenic                               | 2.30E-06                   | 4.44E-06                    |
| Chromium VI                           | 1.20E-08                   | 2.32E-08                    |
| Mercury                               | 1.20E-07                   | 2.32E-07                    |
| Nickel                                | 1.50E-06                   | 2.90E-06                    |
| <b>Total HAPs</b>                     | -                          | <b>0.01</b>                 |

[1] VMT include off-site travel miles by workers commuting to the facility (assuming 150 full-time employees will be hired with an average distance traveled to work as 16 miles one-way).

[2] Based on EPA MOVES5.

[3] The global warming potentials of CO<sub>2</sub>, CH<sub>4</sub>, and N<sub>2</sub>O are assumed to be 1, 28, and 265, respectively.

**VENTURE GLOBAL CP2 LNG, LLC  
VENTURE GLOBAL CP EXPRESS, LLC  
CP2 LNG EXPANSION PROJECT**

**RESOURCE REPORT 9 – AIR AND NOISE QUALITY  
APPENDIX 9E  
Noise Impact Assessment**

**CP2 LNG and CP Express Project Terminal Facilities Noise Impact Assessment**



## ENVIRONMENTAL NOISE ASSESSMENT

### CP2 LNG

**Submitted To:** Venture Global LNG  
1401 McKinney  
Houston, TX 77010

**Submitted By:** Hoover & Keith Inc.  
11381 Meadowglen Ln  
Houston, TX 77082, USA

| Project No. | Report Number | Revision | Date        | By        |
|-------------|---------------|----------|-------------|-----------|
| 5508        | 4219          | 2        | 5 Nov. 2021 | G. Porter |

## 1. Summary

This report presents an environmental sound level study for the proposed CP2 LNG development (Project), in Cameron Parish, LA. (FERC Docket No.: PF21-1-000). The purpose of the study is to identify what noise mitigation is required to ensure that sound levels for the proposed CP2 LNG production facility, as well as the combined total facility including Calcasieu Pass LNG and CP2 LNG, do not exceed permitted levels once the Project has been placed in service. Table 1 provides a summary of the study results.

| NEL | Direction & Distance from CP2 liquefaction area noise center | Ambient <sup>1</sup> | CP2 Facility | Calcasieu Pass LNG | Total Facility <sup>2</sup> | Total Facility plus Ambient | Increase Above Ambient |
|-----|--------------------------------------------------------------|----------------------|--------------|--------------------|-----------------------------|-----------------------------|------------------------|
|     |                                                              | Ldn                  | Ldn          | Ldn                | Ldn                         | Ldn                         | Ldn                    |
| 1   | 2,700 ft. east                                               | 54.5                 | 47.3         | 51.9               | 53.2                        | 56.9                        | 2.4                    |
| 2   | 2,450 ft. northeast                                          | 54.5                 | 47.2         | 53.4               | 54.3                        | 57.4                        | 2.9                    |
| 3   | 3,900 ft. north                                              | 62.8                 | 45.4         | 50.2               | 51.4                        | 63.1                        | 0.3                    |

Note 1: Nearest measured ambient level from Calcasieu Pass LNG preconstruction noise survey

Note 2: Includes Calcasieu Pass LNG and CP2 LNG

**Table 1: Summary of Model Results and Cumulative Noise Impact for Full Load Facility Production**

As can be seen from Table 1, it is expected that the entire Venture Global LNG facility, including CP2 LNG and Calcasieu Pass LNG, will be below the FERC required environmental criterion of 55 dBA, Ldn at the existing noise evaluation locations ("NEL") with all the liquefaction trains in full load operation.

The analysis indicates that the low frequency sound level from the normal full load production of all liquefaction trains will not be sufficient to create perceptible vibration in residential structures at the three relevant NEL locations. The analysis for anticipated construction activities indicated that the sound level at the NELs would range from approximately 43 to 45 Ldn without pile driving. During the maximum pile driving activities, the Ldn may rise to approximately 62 dBA at the NELs.

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| <b>CP2 LNG</b> | Environmental Noise<br>Assessment | Hoover & Keith Inc.<br>Report 4219, Revision 2 |
|                | CP2 LNG                           | Page 4 of 17                                   |

## 2. Introduction

This report presents a sound level assessment for the proposed CP2 LNG Production Facility ("Project"). The purpose of this study was to perform a sound level assessment with sufficient detail to determine noise mitigation that will ensure that the Project can be constructed and operated in such a fashion as to comply with the Federal Energy Regulatory Commission's ("FERC") noise criterion using existing noise control options from equipment manufacturers. The design documentation utilized for the study is provided in Appendix A. Figure B1 (Appendix B) shows the proposed Project location and layout, as well as the location of the NELs.

## 3. Facility Description

The Project will consist of the development of an LNG Facility located to the east and northeast of the currently under construction Calcasieu Pass LNG in Cameron Parish, Louisiana. The CP2 development will include 18 individual liquefaction trains, with a nameplate production capacity of 20 MTPA, production support equipment, and a power generation block.

The study included the following major equipment items, inclusive of the performance data for the proposed electric driven compressors, gas turbines, and other specific equipment per the most recent facility design:

1. Air Cooled Heat Exchanger ("ACHE") fans with electric motor drivers. There are approximately 42 individual fans for each LNG train or approximately 756 fans total for the production equipment. The A-weighted sound power level ("L<sub>wa</sub>") for each fan/driver would be approximately 90 dBA.
2. Two (2) Baker Hughes electric drive motors and associated compressors are used as the liquefaction compressor drivers in each of the 18 LNG trains.
3. Ten (10) GE Frame 7E gas turbines and associated power generators and transformers are used to provide power to the production facility. These are combined-cycle units with associated HRSG and STG units included in the noise model.

## 4. Preconstruction Sound Level Survey

A preconstruction sound level survey was conducted by Natural Resource Group<sup>1</sup> for the Calcasieu Pass Terminal development. This report identified 5 potential NSAs and included 4 ambient measurement locations associated with Calcasieu Pass LNG. These ambient measurements will be used to determine pre-construction levels for the Project.

The potential NSA locations for CP2 are further north and east from the previous development. For this study, three (3) Noise Evaluation Locations (NELs) have been selected which represent where NSAs might exist in the area of CP2. At the time of this study, most of the nearby residences were damaged and uninhabited following hurricane damage to the area. These 3 NEL locations are described below.

<sup>1</sup> Calcasieu Pass Terminal and TransCameron Pipeline Project Supplemental Resource Report 9, Air and Noise Quality, Natural Resource Group report, dated July 2016.

|                                                                                   |                                   |                                                |
|-----------------------------------------------------------------------------------|-----------------------------------|------------------------------------------------|
|  | Environmental Noise<br>Assessment | Hoover & Keith Inc.<br>Report 4219, Revision 2 |
|                                                                                   | CP2 LNG                           | Page 5 of 17                                   |

**NEL 1** – Residential area to the east of the Project. There are various residential properties in this area which may be reconstructed following hurricane damage. The NEL selected is in a position closest to the Project, which is considered to be a “worst case” location for this area. Ambient data from the ML2 pre-construction survey was used here.

**NEL 2** – Residential area to the northeast of the Project. There are various residential properties in this area which may be reconstructed following hurricane damage. The NEL selected is in a position closest to the Project, which is considered to be a “worst case” location for this area. Ambient data from the ML2 pre-construction survey was used here.

**NEL 3** – Residential and light commercial area to the north of the Project. There are various residential properties, commercial properties, and a former church in this area which may be reconstructed following hurricane damage. The NEL selected is in a position closest to the Project, which is considered to be a “worst case” location for this area. Ambient data from the ML4 pre-construction survey was used here.

All three of the NEL locations are shown on Figure B1 (Appendix B).

## 5. Acoustical Criteria for the Project.

We anticipate that FERC will require that noise from the operation of the Project equipment at full capacity (i.e., full load operation of all authorized trains) not exceed an  $L_{dn}$  of **55 dBA** at all existing NSAs as described in Section 4 above. To our knowledge there are no local or state noise ordinances that apply to this project.

## 6. Study Description and Methodology

The sound levels assessments presented in this study are based on the site layouts and equipment lists as provided by Venture Global LNG (see Appendix A). The estimated sound emission levels were taken from our experience and equipment submittals from like or very similar projects. Appendix C of this report provides a summary of the equipment sound emission levels (e.g., sound power level for each type of equipment item) that were utilized in the simulations. The computer simulation methodology utilized is described in Appendix E.

## 7. Normal Full Load Operation Noise Impact

The equipment items and the sound emission levels included within the normal full load production noise assessment are listed in Table C1 (Appendix C). Note these emission levels include noise mitigations for CP2 LNG as described in Appendix D. The new equipment for CP2 LNG includes:

1. 18 LNG Trains within the production area – the equipment included within each train are:
  - Two Baker Hughes electric drive units, each with associated compressor unit and gearbox in a shared motor + compressor + gearbox enclosure
  - MR compressor suction piping with Class D acoustic insulation

- MR compressor suction piping with Class D acoustic insulation
- Elevated air-cooled heat exchangers (ACHE)
- 2. One power generation block with 10 GE Frame 7E gas turbine generators – the equipment included within the power block are:
  - GE Frame 7E packages with associated equipment
  - HRSG units
  - Steam Turbine Generators
  - Evapco ACC units
  - Electric transformers
- 3. Three electric motor driven BOG compressors, each with an associated ACHE
- 4. Pretreatment area ACHE fans
- 5. Various small pumps and motors in the pretreatment and production areas

The overall simulation results are shown on Table 2, with a breakout of the acoustic influence due to CP2 LNG and Calcasieu Pass LNG, along with the total contribution at each NEL location. With this analysis we are projecting that the sound level due to the Venture Global facilities including CP2 LNG and Calcasieu Pass LNG in the area of NEL 1 will be an Ldn of 53.2, NEL 2 a level of 54.3, and at NEL 3 a level of 51.4 Ldn.

| LNG Facility       | NEL 1 – Ldn, dB(A) | NEL 2 – Ldn, dB(A) | NEL 3 – Ldn, dB(A) |
|--------------------|--------------------|--------------------|--------------------|
| CP2 LNG            | 51.9               | 53.4               | 50.2               |
| Calcasieu Pass LNG | 47.3               | 47.2               | 45.4               |
| <b>Total</b>       | <b>53.2</b>        | <b>54.3</b>        | <b>51.4</b>        |

**Table 2: Simulated Sound Level Results at NELs 1, 2, and 3.**

In addition to the A-weighted sound level at the NELs, we also ran a simulation of the expected C-weighted sound level with the entire LNG Facility at normal full load operation. The estimated C-weighted sound level for full load operation at NEL 1 is 63 dBC, NEL 2 is 62 dBC, and NEL 3 is 61 dBC. It has been our experience in the past that sound levels with a C-weighted value of 70 dBC or less are unlikely to create noticeable vibration sensations in building structures. Based on this analysis we believe that the low frequency sound due to the operation of the full LNG Facility will be negligible.

## 8. Construction Noise Impact

The scheduled construction duration is anticipated to be completed within 5 years. Initially the construction will be mostly civil works, followed by the assembly of the modules and skidded units. This construction simulation assumes that pile driving will be daytime-only with other construction activities may run 24-hours.

Construction equipment sound levels at 50 feet were identified from the Federal Highway Administration (“FHWA”) Roadway Construction Noise Model User’s Guide (FHWA-HEP-05-054 or DOT-VNTSC-FHWA-05-01) dated January 2006. The sound levels were modeled in SoundPLAN using the same environmental conditions as the operating facility SoundPLAN model and the attenuation factors at 500 Hz (see Table C2 (Appendix C)).

This study presents the estimated sound levels for construction of the facility broken out into the “civil work” phase, “assembly” phase, dredging, and pile driving. The civil work and assembly phases are assumed to be operating 24-hours a day with 70% of the activities happening during daytime and 30% at nighttime. Dredging is assumed to be a constant noise source during the full 24-hours. Finally, we present the hourly  $L_{eq}$  and maximum estimated instantaneous sound levels due to the peak pile driving activities, which will occur during daytime hours only.

The equipment included in each phase of construction is described on Table C2 (Appendix C). Table 3 presents an operation summary of the various pile driving activities assumed to be in operation during a “worst case” day when the maximum number of pile drivers are operating on site, including the quantity, location, and type of each pile driver in operation.

| Description                                | Rigs in operation | Location     | Type         | Max Level of 1 Pile Driver at 50ft (dBA) |
|--------------------------------------------|-------------------|--------------|--------------|------------------------------------------|
| DeWaal displacement pile (production area) | 9                 | Center       | Displacement | 92                                       |
| Concrete Driven (production area)          | 14                | Center       | Impact       | 104                                      |
| Sheet Pile (LNG dock area)                 | 5                 | Loading dock | Impact       | 110                                      |
| Driven Concrete or Steel (LNG dock area)   | 1                 | Loading Dock | Impact       | 104                                      |
| Sheet Pile (surge wall area)               | 8                 | Periphery    | Impact       | 110                                      |

**Table 3: Worst Case Day Piling Operations (note Daytime only).**

To model the construction sound levels, the typical construction equipment for each phase was identified along with the maximum sound level at 50 feet for each item. The maximum equipment sound power level was then calculated. Table 4 shows the sound emission input for the construction noise simulation.

| Construction Phase | Maximum Source PWL, dBA | Utilization Rate, Percent | Modeled Source PWL, dBA | Number of sources in Model | Height, ft. | Source Type |
|--------------------|-------------------------|---------------------------|-------------------------|----------------------------|-------------|-------------|
| Civil Works        | 134.4                   | See Tbl. C2               | 134.4                   | NA                         | 10          | Area        |
| Assembly           | 133.5                   | See Tbl. C2               | 133.5                   | NA                         | 10          | Area        |
| Dredging           | 113.3                   | 100                       | 113.3                   | NA                         | 10          | Area        |
| DeWaal Pile        | 129.9                   | 75                        | 128.7                   | 9                          | 10          | Point       |
| Concrete Pile      | 135.7 / pile driver     | 15                        | 139.2                   | 15                         | 20          | Point       |
| Sheet Pile         | 141.7 / pile driver     | 13                        | 144.6                   | 13                         | 20          | Point       |

**Table 4: Construction Site Noise Source**

The main processes that contribute to noise associated with dredging are the collection noise, pump noise, transport noise (material being lifted from the seafloor to the dredger) deposition noise (placing material within a barge or hopper), and the ship/machinery noise from the dredging vessel itself. The noise simulation assumes that there will be one dredger and one tug in operation, both with a 24-hr utilization rate of 100% (i.e., continuous operation day and night). The estimated dredging Ldn summary for each of the NSA locations are shown on Table 5.

The simulated Ldn Levels for the construction phases described above are given in Table 5, which provides the noise impacts during each construction phase. Additionally, an estimate is given for the potential peak construction day including civil works, dredging, and pile driving activities; it is unlikely that the assembly phase will overlap with the pile driving phase, so assembly is not included in this peak day estimate.

| Construction Phase                      | NEL 1 | NEL 2 | NEL 3 |
|-----------------------------------------|-------|-------|-------|
| Civil Works (24-hour Ldn)               | 61.7  | 61.5  | 54.4  |
| Dredging (24-hour Ldn)                  | 32.7  | 33.7  | 34.5  |
| Assembly (24-hour Ldn)                  | 53.0  | 55.1  | 51.5  |
| Pile Driving (hourly Leq) <sup>1</sup>  | 47.4  | 50.0  | 45.8  |
| Pile Driving (max instant) <sup>2</sup> | 61.3  | 64.0  | 59.8  |
| Peak Day (24-hour Ldn) <sup>3</sup>     | 61.8  | 61.7  | 54.8  |

Note 1: Estimated hourly Leq during pile driving operations  
2: Estimated maximum instantaneous level during pile driving operations  
3: Estimated worst case day including 24-hr civil works, 24-hr dredging, and daytime pile driving

**Table 5: Estimated Sound Levels for each Construction Activity, Plus Maximum Pile Driving and Dredging (dBA)**

## 9. Conclusion

We have utilized the currently available design information, inclusive of the performance data for the proposed gas turbines and other specific equipment per the most recent LNG terminal design, to estimate the projected sound levels at the NEL locations, due solely to the operation of the major operating equipment to be utilized within the LNG Facility. Our studies indicate that the sound level due to combined CP2 LNG and Calcasieu Pass LNG facility will be less than an Ldn 55 dBA at all NEL locations when the facility is in full load operation. In addition, we have concluded that the low frequency sound level generated by the combined CP2 LNG and Calcasieu Pass LNG facility will not be of sufficient level to create noticeable vibrations in residential structures.

The analysis for anticipated construction activities indicated that the sound level at the NELs would range from approximately 43 to 45 Ldn without pile driving. During the maximum pile driving activities, the instantaneous Leq may rise to 64 dBA at the NELs.

## 10. Appendix A: Reference Documents

| Document Tag                                                               | Description                                 | Type        |
|----------------------------------------------------------------------------|---------------------------------------------|-------------|
| M502-0000-PI-DWG-P0A-0001_CARBON-CAPTURE-PROPOSAL                          | CP2 LNG plot plan                           | Drawing     |
| Venture Global LNG Calcasieu Pass LNG Noise Test as per ISO 9614-2 results | Noise test results                          | PDF         |
| Evapco ACC Octave Band Data – 01-May-19                                    | ACC fan data                                | Spreadsheet |
| IPS 1078867 – GE 7E.03                                                     | GE Frame 7E power levels                    | Spreadsheet |
| Dresser-Rand Compressor Noise Guarantee (2019-10-29)                       | BOG Compressor power levels                 | PDF         |
| CP-100300-MEC-DAS-UOP-00441                                                | UOP air cooled exchangers noise data sheets | PDF         |
|                                                                            |                                             |             |
|                                                                            |                                             |             |
|                                                                            |                                             |             |

## 11. Appendix B: Figures

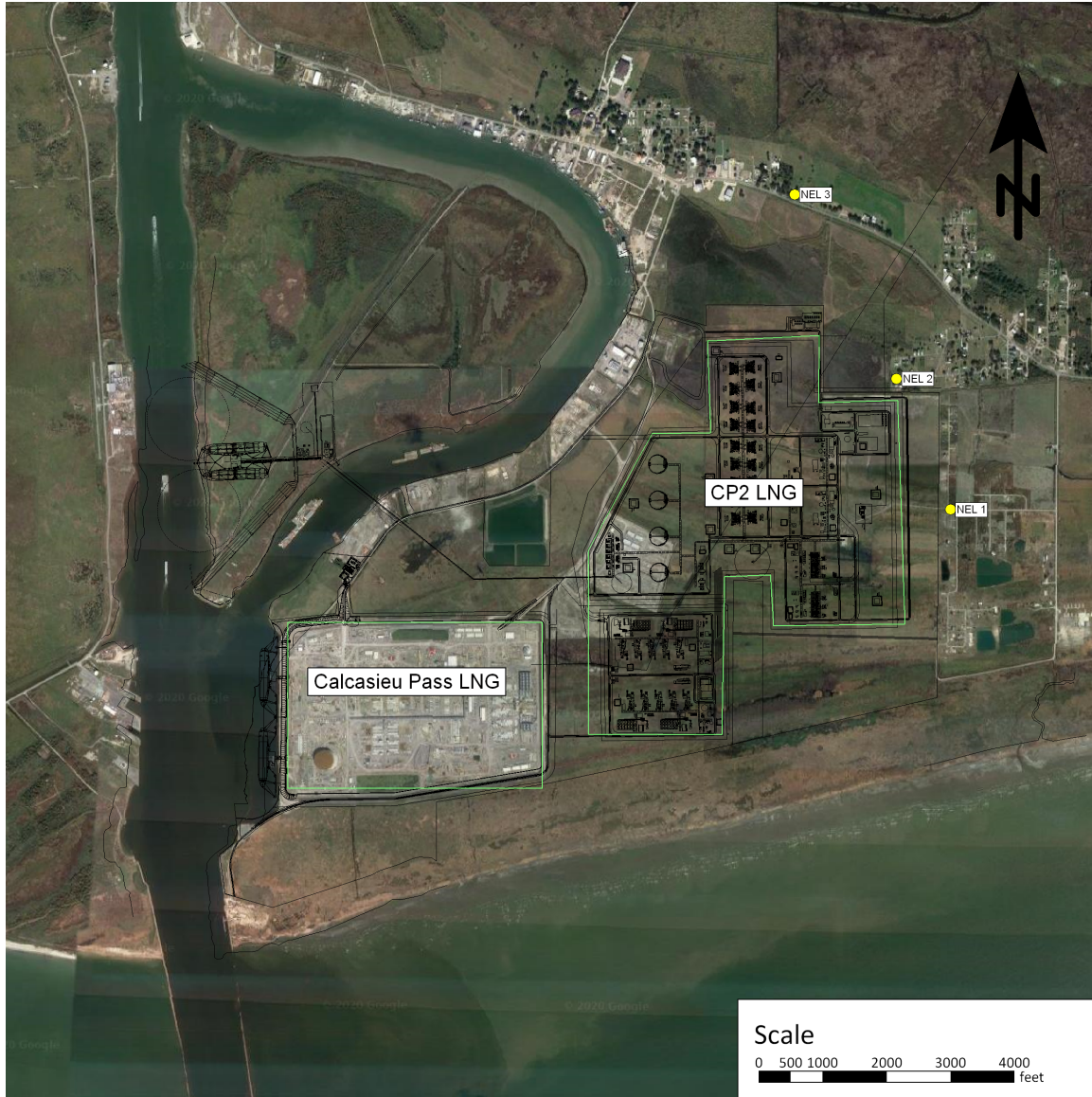


**Figure B1: Project Development Location and NELs**

## 12. Appendix C: Noise Source Listing & Noise Control

| Item                                             | Qty in CP2 | A-wt. (dBA) | Octave Band Center Frequency – Hz dB(A) |    |     |     |     |     |     |     |    |
|--------------------------------------------------|------------|-------------|-----------------------------------------|----|-----|-----|-----|-----|-----|-----|----|
|                                                  |            |             | 31.5                                    | 63 | 125 | 250 | 500 | 1k  | 2k  | 4k  | 8k |
| ACC Fans                                         | 4          | 99          | 63                                      | 77 | 86  | 90  | 91  | 93  | 94  | 87  | 78 |
| Baker Hughes compressor <sup>1,2</sup>           | 18         | 100         | 53                                      | 72 | 90  | 88  | 91  | 94  | 94  | 92  | 86 |
| Baker Hughes package fans                        | 18         | 99          | 66                                      | 81 | 89  | 92  | 94  | 94  | 88  | 84  | 78 |
| Baker Hughes package piping                      | 18         | 102         | 56                                      | 77 | 95  | 101 | 78  | 76  | 74  | 70  | 56 |
| BOG ACHE fans                                    | 6          | 105         | 71                                      | 85 | 94  | 98  | 99  | 100 | 95  | 89  | 81 |
| BOG compressors                                  | 6          | 103         | 66                                      | 79 | 88  | 92  | 92  | 95  | 99  | 95  | 89 |
| GE A35 generator <sup>2</sup>                    | 10         | 110         | 72                                      | 87 | 103 | 100 | 101 | 103 | 102 | 101 | 93 |
| GE accessories <sup>3</sup>                      | 10         | 113         | 83                                      | 93 | 102 | 103 | 105 | 105 | 106 | 105 | 98 |
| GE Frame 7E gas turbine enclosure <sup>1,2</sup> | 10         | 104         | 75                                      | 86 | 92  | 92  | 95  | 95  | 99  | 96  | 92 |
| HRSG system <sup>1</sup>                         | 10         | 98          | 76                                      | 82 | 89  | 94  | 90  | 89  | 88  | 80  | 66 |
| Pretreatment ACHE                                | 6          | 103         | 69                                      | 83 | 92  | 96  | 97  | 98  | 93  | 87  | 79 |
| Pretreatment area pumps                          | 2          | 100         | 50                                      | 64 | 75  | 85  | 90  | 96  | 94  | 90  | 82 |
| Power generation area pumps                      | 4          | 104         | 69                                      | 80 | 88  | 94  | 96  | 98  | 98  | 95  | 89 |
| Steam Turbine Generator and accessories          | 4          | 108         | 75                                      | 90 | 100 | 99  | 101 | 101 | 99  | 95  | 84 |
| Transformers                                     | 10         | 103         | 60                                      | 79 | 91  | 94  | 99  | 97  | 93  | 88  | 78 |

Notes: 1. Includes all openings, ducting and expansion joints  
2. Includes all enclosure ventilation equipment and openings  
3. Includes all accessories for one associated turbine package

**Table C1: Equipment Sound Emission Levels (Lw in dB) Used in the Normal Full Load Simulation Study**

| Source               | SPL at 50' dBA | Util. Rate | PWL dBA | Construction Phase |          |              |
|----------------------|----------------|------------|---------|--------------------|----------|--------------|
|                      |                |            |         | Civil Works        | Assembly | DeWaal Piles |
| Auger drill rig      | 85             | 75         | 116.7   |                    |          | 9            |
| Backhoe              | 80             | 75         | 111.7   | 10                 |          | 9            |
| Air compressor       | 80             | 50         | 111.7   | 5                  | 10       |              |
| Concrete mixer truck | 85             | 80         | 116.7   | 8                  | 2        |              |
| Concrete pump truck  | 82             | 75         | 113.7   | 3                  |          |              |
| Concrete saw         | 90             | 75         | 121.7   | 4                  |          |              |
| Crane                | 85             | 75         | 116.7   | 2                  | 8        | 9            |
| Dozer                | 85             | 75         | 116.7   | 6                  | 2        |              |
| Dump truck           | 84             | 50         | 115.7   | 5                  |          |              |
| Excavator            | 85             | 50         | 116.7   | 5                  |          |              |
| Front end loader     | 80             | 50         | 111.7   | 4                  |          |              |
| Generator            | 82             | 90         | 113.7   | 8                  | 12       |              |
| Grader               | 85             | 50         | 116.7   | 4                  |          |              |
| Man lift             | 85             | 75         | 116.7   |                    | 8        |              |
| Pickup truck         | 55             | 50         | 86.7    | 15                 | 15       |              |
| Pneumatic tools      | 85             | 50         | 116.7   |                    | 10       |              |
| Pumps                | 77             | 90         | 108.7   | 5                  |          |              |
| Roller               | 85             | 50         | 116.7   | 2                  |          |              |
| Sand blaster         | 85             | 50         | 116.7   |                    | 3        |              |
| Dredge - Large       | 81             | 100        | 112.0   | 1                  |          |              |
| Tug                  | 75             | 100        | 106.6   | 1                  |          |              |
| Tractor              | 84             | 75         | 115.7   | 4                  | 2        |              |
| Ventilation fan      | 85             | 90         | 116.7   |                    | 3        |              |
| Welder               | 73             | 75         | 104.7   |                    | 15       |              |

**Table C2: Sound Emission Levels and Quantities of Construction Equipment**

|                                                                                   |                                   |                                                |
|-----------------------------------------------------------------------------------|-----------------------------------|------------------------------------------------|
|  | Environmental Noise<br>Assessment | Hoover & Keith Inc.<br>Report 4219, Revision 2 |
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## 13. Appendix D: Noise Control Packages for Equipment

### 1.0 Baker Hughes

Data for the Baker Hughes packages has been provided by Baker Hughes in the document listed in Appendix A. The maximum available noise control option from Baker Hughes listed in this document is recommended for use at CP2 LNG.

The compressor + motor + gearbox is enclosed in a shared acoustic enclosure.

The low noise option fans will have a power level of 85 dBA or less per fan.

The compressor suction and discharge piping will employ Class D insulation as listed in the Baker Hughes document.

### 2.0 Power Block

The GE Frame 7E gas turbine generators will be built according to the spec provided by GE, Revision F as listed in Appendix A.

The HRSG design is based on data provided by GE for the Frame 7E package in the GE document listed in Appendix A. Additional silencers and duct lagging are to be employed to ensure that the sound power level of each HRSG inlet duct not exceed 95 dBA, each HRSG casing not exceed 97 dBA, HRSG stack body not exceed 67 dBA, and each HRSG stack exit not exceed 81 dBA.

Transformer noise levels are estimated using a NEMA-90 rating. A local noise barrier along the north and east sides of each transformer is recommended.

### 3.0 Pretreatment

Pretreatment ACHE units are the low-noise option defined in the UOP document listed in Appendix A.

### 3.0 BOG Compressors

The BOG Compressors are modeled using the noise guarantee from Dresser-Rand. The guarantee is based on ANSI S5.1-1997 as described in Appendix A. The BOG ACHE fans are modeled to be a sound power level of 95 dBA per fan, motor, and belt drive.

|                                                                                   |                                   |                                                |
|-----------------------------------------------------------------------------------|-----------------------------------|------------------------------------------------|
|  | Environmental Noise<br>Assessment | Hoover & Keith Inc.<br>Report 4219, Revision 2 |
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#### 14. Appendix E: Environmental Sound Level Simulation Methodology

The computer program utilized for the environmental noise level simulation is SoundPLAN Version 8.2 as distributed by Braunstein + Berndt GmbH. This program calculates the sound pressure level (“SPL”) at a location utilizing the sound emission properties of the sources (octave band emission levels) and environmental propagation factors (topography, foliage, atmospheric attenuation, barriers, etc.). This program also includes a number of standardized methodologies that can be utilized to quantify the acoustic effect of these environmental factors. For this report’s assessments, we have chosen the ISO 9613 “Acoustics - Attenuation of sound during propagation outdoors”, parts 1 and 2. These standards assume a favorable downwind propagation condition (wind speed 1 m/s to 5 m/s at a height of 3 to 11m) as recommended in ISO standard 1996 “Acoustics - Description and measurement of environmental noise” part 2. The modeled ambient temperature was 10° C, and the relative humidity was set to 70%. All receiver heights were 1.5 m above the local ground level. The topography was obtained from Google Earth and was used to create a topological digital ground model. The ground absorption values utilized in the model were:

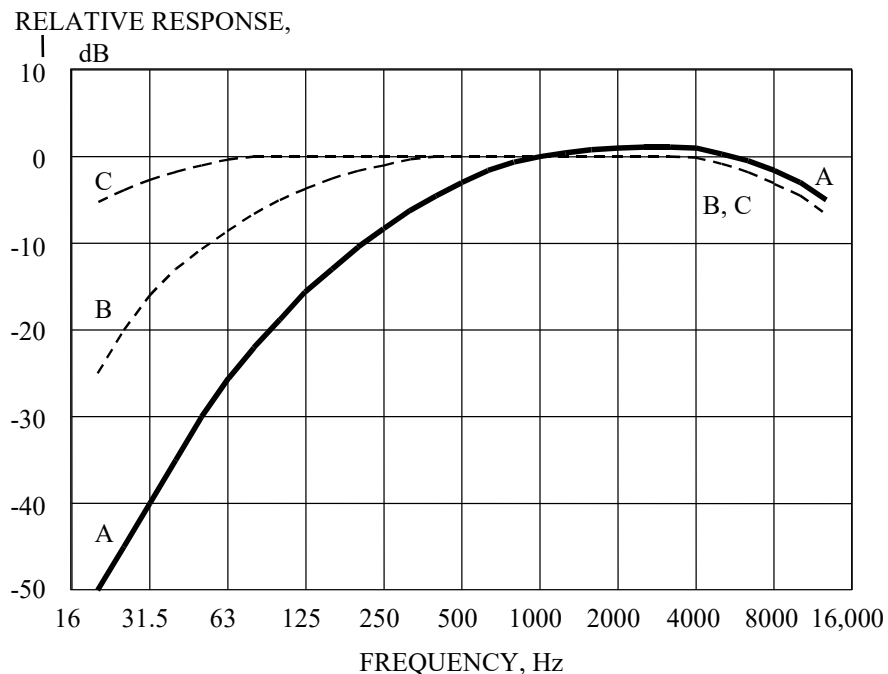
- In plant – 0.255 which is representative for hard packed soil, gravel with some concreted areas
- Off-site areas – 0.5, which is representative of grasslands
- Water – 0.01, which is highly reflective.

There are provisions for the installation of a 9.6 meter surge protection wall. This was included within the simulation as a concrete barrier with highly sound reflective surfaces on both sides. Note that the simulation for the construction activity did not include the surge wall in place.

## 15. Appendix F: Summary of Typical Metrics for Regulating Environmental Noise & Acoustical Terminology

- (1) A-Weighted Sound Level (dBA): The A-wt. sound level is a single-figure sound rating, expressed in decibels (Re 20  $\mu$ Pa), which correlates to the human perception of the loudness of sound. The dBA level is commonly used to measure industrial and environmental noise since it is easy to measure and provides a reasonable indication of the human annoyance value of the noise. The dBA measurement is not a good descriptor of a noise consisting of strong low-frequency components or for a noise with tonal components. The A-weighted curve approximates the response of the average ear at sound levels of 20 to 50 decibels. The following are the relative response of A-weighted filter per octave band frequency, and a graph/curve is provided that shows a graphical representation of the A-wt. filter response per frequency (in Hertz ["Hz"]).

| 31.5 Hz  | 63 Hz    | 125 Hz   | 250 Hz  | 500 Hz  | 1,000 Hz | 2,000 Hz | 4,000 Hz | 8,000 Hz | 16,000 Hz |
|----------|----------|----------|---------|---------|----------|----------|----------|----------|-----------|
| -39.4 dB | -26.2 dB | -16.1 dB | -8.6 dB | -3.2 dB | 0 dB     | +1.2 dB  | +1.0 dB  | -1.1 dB  | -6.6 dB   |



|                                                                                   |                                   |                                                |
|-----------------------------------------------------------------------------------|-----------------------------------|------------------------------------------------|
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- (2) Daytime Sound Level ( $L_d$ ) & Nighttime Sound Level ( $L_n$ ):  $L_d$  is the equivalent A-weighted sound level, in decibels, for a 15-hour time period, between 07:00 to 22:00 Hours (7:00 a.m. to 10:00 p.m.).  $L_n$  is the equivalent A-weighted sound level, in decibels, for a 9-hour time period, between 22:00 to 07:00 Hours (10:00 p.m. to 7:00 a.m.).

- (3) Day-Night Average Sound Level ( $L_{dn}$ ): The  $L_{dn}$  is an energy average of the measured daytime  $L_{eq}$  ( $L_d$ ) and the measured nighttime  $L_{eq}$  ( $L_n$ ) plus 10 dB. The 10-dB adjustment to the  $L_n$  is intended to compensate for nighttime sensitivity. As such, the  $L_{dn}$  is not a true measure of the sound level but represents a skewed average that correlates generally with past sound surveys which attempted to relate environmental sound levels with physiological reaction and physiological effects. For a steady sound source that operates continuously over a 24-hour period and controls the environmental sound level, an  $L_{dn}$  is approximately 6.4 dB above the measured  $L_{eq}$ . If both the  $L_d$  and  $L_n$  are measured, then the  $L_{dn}$  is calculated using the following formula:

$$L_{dn} = 10 \log_{10} \left( \frac{15}{24} 10^{L_d/10} + \frac{9}{24} 10^{(L_n+10)/10} \right)$$

- (4) Decibel (dB): A unit for expressing the relative power level difference between acoustical or electrical signals. It is ten times the common logarithm of the ratio of two related quantities that are proportional to power. When adding dB or dBA values, the values must be added logarithmically. For example, the logarithmic addition of **35 dB** plus **35 dB** is **38 dB**. The units for the sound level is decibels (dB) the value of which is determined by:

$$L_p = 20 \log (p/p_r)$$

Where;  $p$  is the acoustic pressure at a specified location in Pascals.

$p_r$  is the base or reference pressure standardized at 20 micropascals

- (5) Dynamic Insertion Loss (DIL): The total sound attenuation due to the installation of the in-line muffler at the actual service flow and temperature and includes the self-noise generated by the flow through the muffler.
- (6) Equivalent Sound Level ( $L_{eq}$ ): The equivalent sound level ( $L_{eq}$ ) can be considered an average sound level measured during a period of time, including any fluctuating sound levels during that period. In this report, the  $L_{eq}$  is equal to the level of a steady (in time) A-weighted sound level that would be equivalent to the sampled A-weighted sound level on an energy basis for a specified measurement interval. The concept of the measuring  $L_{eq}$  has been used broadly to relate individual and community reaction to aircraft and other environmental noises.
- (7) Octave Band ("O.B.") SPL: Sound is typically measured in frequency ranges (e.g., high-pitched sound, low-pitched sound, etc.) that provides a more meaningful characterization. Octave band sound emission spectra are sufficient for this type of assessment to account for the effects of the environmental influences. The

resulting octave band sound pressure levels can then be used to evaluate the efficacy of proposed noise mitigation options. Standard octave bands from 31 Hz to 8000 Hz cover a frequency range of 22 Hz to 11200 Hz. The geometric mean frequency of standard octave frequency bands used in such analysis procedures are as follows:

| Octave Frequency Range, Hz | Geometric Mean Frequency of Band, Hz |
|----------------------------|--------------------------------------|
| 22-44                      | 31                                   |
| 44-88                      | 63                                   |
| 88-175                     | 125                                  |
| 175-350                    | 250                                  |
| 350-700                    | 500                                  |
| 700-1400                   | 1000                                 |
| 1400-2800                  | 2000                                 |
| 2800-5600                  | 4000                                 |
| 5600-11200                 | 8000                                 |

- (8) Sound Level Meter (“SLM”): An instrument used to measure sound pressure level, sound level, O.B. SPL, or peak SPL, separately or in any combinations thereof. The measured weighted SPL (dBA) is obtained by using a standard frequency-filter for attenuating part of the sound spectrum.
- (9) Sound Power Level ( $L_w$ ,  $L_{wa}$ , or  $PWL$ ): Ten times the common logarithm of the ratio of the total acoustic power radiated by a sound source to a reference power. A reference power of a picowatt or  $10^{-12}$  watt is conventionally used. The units for the sound power level is decibels (dB); the value of which is determined by:

$$L_w = 10 \log (W/W_r)$$

Where;  $W$  is the acoustic power radiated by the sound source in watts.

$W_r$  is the base or reference power standardized at  $10^{-12}$  watts.

- (10) Sound Pressure Level (“ $L_p$ ” or  $SPL$ ): Ten times the common logarithm to the base 10 of the ratio of the mean square sound pressure to the square of a reference pressure. Therefore, the  $SPL$  is equal to 20 times the common logarithm of the ratio of the sound pressure to a reference pressure (20 micropascals or 0.0002 microbar). The sound pressure level  $L_p$ , a measure of the magnitude of the sound pressure at a specific receiver location. The units for the sound level is decibels (dB) the value of which is determined by:

$$L_p = 20 \log (p/p_r)$$

Where;  $p$  is the acoustic pressure at a specified location in Pascals.

$p_r$  is the base or reference pressure standardized at 20 micropascals.

**VENTURE GLOBAL CP2 LNG, LLC  
VENTURE GLOBAL CP EXPRESS, LLC  
CP2 LNG EXPANSION PROJECT**

**RESOURCE REPORT 9 – AIR AND NOISE QUALITY  
APPENDIX 9F  
Terminal Fugitive Dust Control Plan**



**Venture Global CP2 LNG, LLC**

**Venture Global CP Express, LLC**

**CP2 LNG and CP Express Project**

**Terminal Site  
Fugitive Dust Control Plan**

**IFC**

**Docket No.  
CP22-21-000**

**Prepared by  
Environmental Resources Management, Inc.**

**Rev 0, February 2022**

**VENTURE GLOBAL CP2 LNG, LLC  
VENTURE GLOBAL CP EXPRESS, LLC**

**CP2 LNG AND CP EXPRESS PIPELINE PROJECT  
TERMINAL SITE FUGITIVE DUST CONTROL PLAN**

| Revision Control Sheet |         |                    |
|------------------------|---------|--------------------|
| Revision               | Section | Change Description |
|                        |         |                    |

**VENTURE GLOBAL CP2 LNG, LLC  
VENTURE GLOBAL CP EXPRESS, LLC**

**CP2 LNG AND CP EXPRESS PIPELINE PROJECT  
TERMINAL SITE FUGITIVE DUST CONTROL PLAN**

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## **LIST OF ACRONYMS AND ABBREVIATIONS**

|                     |                                                                                                                                                                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CP Express Pipeline | Venture Global CP Express, LLC                                                                                                                                    |
| CP2 LNG             | Venture Global CP2 LNG, LLC                                                                                                                                       |
| LLC                 | Limited Liability Company                                                                                                                                         |
| LNG                 | Liquefied Natural Gas                                                                                                                                             |
| Marine Facilities   | permanent marine-based CP2 LNG facilities                                                                                                                         |
| MTPA                | million tonnes per annum                                                                                                                                          |
| Pipeline System     | CP Express Pipeline and associated facilities                                                                                                                     |
| Plan and Procedures | Project-specific Upland Erosion Control, Revegetation, and Maintenance Plan and the Project-specific Wetland and Waterbody Construction and Mitigation Procedures |
| Project             | CP2 LNG Project                                                                                                                                                   |
| Terminal Facilities | includes the land-based Terminal Site and the Marine Facilities                                                                                                   |
| Terminal Site       | permanent land-based CP2 LNG natural gas liquefaction, storage, and export facilities                                                                             |

**VENTURE GLOBAL CP2 LNG, LLC  
VENTURE GLOBAL CP EXPRESS, LLC**

**CP2 LNG AND CP EXPRESS PIPELINE PROJECT  
TERMINAL SITE FUGITIVE DUST CONTROL PLAN**

## **1.0 PROJECT DESCRIPTION**

Venture Global CP2 LNG, LLC (CP2 LNG) and Venture Global CP Express, LLC (CP Express Pipeline)<sup>1</sup> propose to site, construct, and operate natural gas liquefaction, storage, and export facilities at a proposed liquefied natural gas (LNG) terminal (Terminal Facilities) on the east side of the Calcasieu Ship Channel in Cameron Parish, Louisiana and associated pipeline facilities<sup>2</sup> connecting the Terminal Facilities to the existing natural gas pipeline grid in east Texas and southwest Louisiana.

CP2 LNG's proposed development includes the two-phased construction (Phase 1 and Phase 2) of 20 million tonnes per annum (MTPA) of nameplate liquefaction capacity for export from the Terminal Facilities, which will be constructed on approximately 737.3 acres of the mainland and shoreline of Monkey Island. CP Express will construct approximately 85.4 miles of new, 48-inch-diameter natural gas pipeline (the CP Express Pipeline); 6.0 miles of new, 24-inch-diameter lateral pipeline (the Enable Gulf Run Lateral); and associated aboveground facilities in Texas and Louisiana, which will be constructed in two phases (collectively referred to as the Pipeline System). The Pipeline System will connect the Terminal Facilities to the existing natural gas pipeline grid in east Texas and southwest Louisiana. The Terminal Facilities and Pipeline System are collectively referred to as the CP2 LNG and CP Express Project (or Project).

The Terminal Facilities will include the Terminal Site and Marine Facilities. The Terminal Site will affect 600.2 acres of land, including 568.0 acres associated with construction of the Terminal Site and 32.2 acres associated with the temporary contractor yards, and will be the permanent mainland-based portion of the LNG facility that will include pretreatment facilities, a liquefaction plant and support facilities, LNG storage tanks, power generation facilities, and ancillary facilities. The Marine Facilities will occupy 122.2 acres on the southwest shoreline of Monkey Island, which is located between the Calcasieu Ship Channel and Calcasieu Pass, and will include the LNG carrier loading docks and accompanying turning basins. CP2 LNG will install two approximately 1.0-mile-long, 42-inch outside diameter, 34-inch inside diameter pipe-in-pipe LNG transfer lines, a boil-off gas pipeline, and associated utilities (fiber optic line and power line) between the Terminal Site and Marine Facilities using a combination of conventional and trenchless (horizontal directional drill [HDD]) construction techniques, which will require an 14.9-acre construction corridor.

## **2.0 GENERAL APPLICABILITY**

This document outlines activity-specific procedures to be implemented by the Construction Contractor (Contractor) to control and mitigate fugitive dust emissions during construction of the Terminal. The Contractor (i.e., construction general contractor) is responsible for understanding

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<sup>1</sup> CP2 LNG, LLC and CP Express, LLC are wholly owned subsidiaries of Venture Global LNG, Inc.

<sup>2</sup> Venture Global CP2 LNG, LLC's parent company, Venture Global LNG, Inc., has established a pipeline company affiliate (Venture Global CP Express, LLC) that will be responsible for construction, operation, and maintenance of the pipeline system. Venture Global CP2 LNG, LLC, as the owner of the Terminal Facilities, and Venture Global CP Express, LLC, as the owner of the pipeline system.

and complying with all applicable federal, state, and local requirements related to all aspects of work on the Project, including the transportation, storage, and disposal of polluting and hazardous materials.

### 3.0 DEFINITIONS

**Bulk Material** – Any material, including but not limited to, earth, rock, silt, sediment, sand, gravel, soil, fill, aggregate less than 2 inches in length or diameter, dirt, mud, trash, saw dust, and dry concrete, which is capable of producing fugitive dust.

**Crushing** – Crushing of construction and demolition debris, rock, and soil.

**Disturbed Land** – Large tracts of disturbed land that will not have continuing activity for more than 30 days.

**Disturbed Soil** – Disturbed soil throughout the Project area.

**Dust Palliative** – Hygroscopic material, non-toxic chemical stabilizer, or other dust palliative material that is not prohibited for ground surface application by any applicable law or regulation, as treatment material for reducing fugitive dust emissions.

**Freeboard** – The distance measured from the top of the side of the storage area of a truck to the fill line.

**Surfactant** – A compound or element that reduces the surface tension of a liquid. The term is used in this document to describe wetting and spray adjuvants designed to promote the economical application of water to hydrophobic soils. Surfactants prevent drifting, decrease run-off, increase penetrating and wetting properties, and promote more even, consistent spray patterns.

**Stockpiling** – Stockpiling of materials such as rock or debris for future use or export.

**Staging Area** – Any portion of a construction project used for storing materials or parking vehicles and equipment; may be a separate area from the main construction project area.

**Trackout** – Soil on paved roadways deposited from vehicles that has passed from a construction site or from an unpaved access route onto a paved surface.

**Trackout Prevention and Cleanup** – Prevention and cleanup of mud, silt, and soil tracked out onto paved roads.

**Wheel Shaker** – A device capable of spreading the tread on tires and shaking the wheels and axles of vehicles for the purpose of releasing mud, soil, and rock from the tires and undercarriage to prevent tracking those materials onto paved surfaces.

**Wheel Washer** – A station or device, either temporary or permanent, that utilizes a bath or spray of water for the purpose of cleaning mud, soil, and rock from the tires and undercarriage of vehicles to prevent tracking those materials onto paved surfaces.

#### **4.0 DUST GENERATING ACTIVITIES**

Construction related activities that have the potential to generate fugitive dust include, but are not limited, to the following:

- clearing of vegetation;
- soil disturbing activities, such as clearing, grading, excavation, sidecasting spoil, and backfilling;
- bulk material stockpiling and handling activities;
- concrete batch plant operations;
- open-bodied trucks hauling spoil, gravel, or other materials;
- movement of construction vehicles and equipment on the Terminal site; and
- use of unpaved or paved roads.

#### **5.0 FUGITIVE DUST CONTROL PROCEDURES**

Fugitive dust impacts during construction of the Project will be managed in accordance with the following.

##### **5.1 GENERAL**

- Control fugitive emissions (inclusive of PM<sub>10</sub> and PM<sub>2.5</sub> particulates) as stipulated in Louisiana Administrative Code (LAC) 33:III.1305.
- Control fugitive emissions as stipulated in Project air permits.
- Apply dust control mitigation measures, as necessary, during all phases and stages of construction and restoration, 24-hours per day, 7-days per week.
- Use dust abatement measures (e.g., apply water or a dust palliative) on unpaved, unvegetated, or disturbed soil areas during construction activities on the Terminal site, and other work areas, as necessary and as determined by CP2 LNG's Construction Manager or Environmental Inspectors.
- Apply asphalt, water, or suitable dust palliative on dirt roads, materials stockpiles, and other surfaces which can give rise to airborne dusts.
- Maintain Material Safety Data Sheets for all surfactants.
- Monitor dust control activities in areas of active construction or in disturbed soil areas on a regular basis to ensure that the measures taken are adequately controlling fugitive dust. Reapply dust control measures (e.g., rewater disturbed areas), as necessary.

- Monitor and control vehicle and equipment speeds where construction activities parallel or cross public roads or approach dwellings or other areas occupied by people. Decrease speeds as necessary during high wind conditions.
- Limit speed of motor vehicles, including haul trucks, to less than 20 miles per hour within terminal site.
- Locate temporary facilities that have the potential to generate significant amounts of dust (e.g., concrete batch plants) to minimize potential impacts and to facilitate the implementation of dust control measures.
- The emissions which pass onto or across a public road and create a traffic hazard by impairment of visibility (as defined in LAC 33:III.111) or intensify an existing traffic hazard condition are prohibited.
- Minimize major dust generation activities during high wind conditions, where feasible.
- Restore disturbed areas in accordance with the Project-specific *Upland Erosion Control, Revegetation and Maintenance Plan* and *Wetland and Waterbody Construction and Mitigation Procedures*.

## **5.2 STAGING AREAS**

- Limit vehicle speeds in construction staging areas and on unpaved access routes.
- Apply and maintain dust suppressant as needed on vehicle traffic areas in staging areas and unpaved access routes.
- Pre-water and maintain surface soils in a stabilized condition where support equipment and vehicles will operate.
- Apply and maintain a dust palliative to surface soils where support equipment and vehicles will be operated.

## **5.3 STOCKPILES**

- To the extent possible, maintain stockpiles to avoid steep sides or faces.
- Limit the disturbance of stockpiles.
- Limit the height of stockpiles, likely to generate airborne dust where feasible.
- Apply a cover or screen to stockpiles or stabilize uncovered stockpiles by watering or the application of a dust palliative and in accordance to Stormwater General Permit for Construction Sites Over 5 Acres (Permit No. LAR 100000).

## **5.4 EARTHMOVING OPERATIONS**

- Conduct earthmoving activities at the Terminal site in stages to minimize the amount of disturbed surface present at any one time, where feasible.

- Apply water or another suppressant during earthmoving activities to active work areas in an amount and at a frequency to minimize dust generation. The quantity and frequency of water application will be dependent on weather conditions and assessed on a case-by-case basis.
- Monitor activities for fugitive dust and reapply dust suppressants, as necessary.
- Implement additional measures, as warranted, to minimize fugitive dust, such as further reducing vehicle speeds and spacing equipment farther apart on the Pipeline right-of-way.
- Restrict motor vehicle and/or offroad vehicles from trespassing on, parking on, and/or accessing non-active disturbed areas.

## **5.5 ON-SITE BULK MATERIAL HANDLING**

- Prevent spillage or loss of bulk material from holes or other openings in the cargo compartment's floor, sides, and/or tailgates.
- Limit on-site vehicular speeds on gravel roads to minimize dust.
- Apply water or other approved dust suppressant as needed.

## **5.6 OFF-SITE BULK MATERIAL HANDLING**

- Prevent spillage or loss of bulk material from holes or other openings in the cargo compartment's floor, sides, and tailgates.
- Apply water or other approved dust suppressant as needed.
- Open-bodied haul trucks, transporting material likely to become airborne dust, shall be covered with a tarp or other suitable closure prior to traveling on a public road outside of the construction site.

## **5.7 TRACKOUT PREVENTION AND CLEANING**

- Install and maintain one of the following trackout control devices at access points where paved and unpaved access or travel routes intersect.
  - Install gravel pad(s) at construction entrance/exits that are utilized by haul trucks and vehicles to knock dirt and potential track out. Re-screen, wash or apply additional rock in gravel pads to maintain effectiveness.
  - Install wheel shakers. Clean wheel shakers on a regular basis to maintain effectiveness. Install wheel shakers in the event that tracking of mud, soil, and rock cannot be controlled with gravel pads.
  - Install wheel washers. Maintain wheel washers on a regular basis to maintain effectiveness. Install wheel washers in the event that tracking of mud, soil, and rock cannot be controlled with gravel pads and wheel shakers.

- Route exiting traffic over the selected trackout control device(s).
- Clean trackout from paved surfaces at the end of each work shift/day as needed.
- Inspect and record trackout conditions, including preventative and corrective measures in daily project records.

## **5.8 PAVED HAUL AND PUBLIC ROADS**

- Promptly remove earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water or other means.

## **5.9 UNPAVED ROADS AND PARKING LOTS**

- Limit vehicle traffic on unpaved haul roads to the extent possible.
- Limit vehicle speeds to minimize dust. Speed limit on terminal site shall not exceed 20 mph. Speed limit signs will be posted along the road route, clearly indicating the speed limit.
- Apply and maintain surface gravel or apply and maintain an effective dust suppressant.

## **5.10 CONCRETE BATCH PLANT OPERATIONS**

This section of the plan is to be updated to acknowledge the conditions stipulated by the air permit issued by the Louisiana Department of Environmental Quality, as applicable and when available.

## **6.0 PLAN MANAGEMENT**

The Contractor will periodically assess the effectiveness of this Fugitive Dust Control Plan and will amend the plan where existing control measures are deemed inadequate to address any conditions not originally anticipated. The Contractor is responsible for monitoring construction activities and for taking corrective actions to avoid activities from being non-compliant.

The Environmental Inspector will be expected to use judgment in the field to interpret environmental conditions and requirements, but will not be authorized to make major modifications or changes without the prior written approval of CP2 LNG. The Environmental Inspector, in consultation with CP2 LNG's Construction Manager, will have the authority to stop activities and order corrective mitigation for actions that are not in compliance with the measures in this plan or environmental permit requirements. Corrective mitigation may include:

1. determine if/when water needs to be reapplied for dust control;
2. determine if/when a more frequent or different mitigation measures should be implemented; and
3. stop the dust-producing work if the contractor does not comply with the dust control measures.

CP Express and CP2 LNG employees or sub-contracted owner representatives have STOP work authority, and are responsible for exercising STOP work, when necessary to bring project activities into compliance with this plan.