

## Plain Language Summary for New Source Review (NSR) Renewal Certification Application for Air New Source Review Permit Number 139479

*The following summary is provided for this pending air permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 Texas Administrative Code Chapter 39. The information provided in this summary may change during the technical review of the application and are not federal enforceable representations of the permit application.*

Corpus Christi Liquefaction, LLC (CCL) (CN604136374) has submitted an application for renewal of permit number 139479. The CCL Terminal (RN104104716) produces/manufactures and exports Liquefied Natural Gas (LNG) at 622 State Highway 35 Gregory, San Patricio County.

This renewal will authorize the continued operation of the Stage III LNG Trains No. 1 through 9. Natural gas feed to the plant is processed to remove inert and hydrocarbon compounds to produce a high-purity methane stream. Corpus Christi Liquefaction, LLC has certified there will be no changes to the permit. The following permitted emission rates will remain the same.

| Pollutant                                          | Proposed Emissions (tons per year) |
|----------------------------------------------------|------------------------------------|
| Organic Compounds (VOC)                            | 334.23                             |
| Particulate Matter (PM)                            | 22.77                              |
| PM with a diameter of 10 microns or less (PM10)    | 22.77                              |
| PM with a diameter of 12.5 microns or less (PM2.5) | 22.77                              |
| Nitrogen Oxides (NOx)                              | 317.55                             |
| Carbon Monoxide (CO)                               | 1361.38                            |
| Sulfur Dioxide (SO2)                               | 13.85                              |
| Hydrogen Sulfide (H2S)                             | 0.22                               |
| Helium                                             | 976                                |

The facilities being renewed continue to be controlled by the following control for each source type. The hot oil furnaces will employ ultra-low NOx burners and operate with good combustion practices. Piping fugitive emissions will be minimized using a leak detection and repair (LDAR) monitoring program. Acid gas will be routed to a thermal oxidizer to minimize VOC emissions. Flare emissions are controlled using good combustion practices and complying with rigorous flare monitoring operating requirements.