

Plain Language Summary for New Source Review (NSR) Amendment 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 an amendment to permit number 139479. The Terminal (RN104104716), will produce/manufacture and export Liquefied Natural Gas (LNG) at 622 State Highway 35, Gregory, San Patricio County.

This amendment will authorize two additional mid-scale LNG trains and make updates to currently authorized equipment to reflect final design of the CCL Stage 3 project. CCL has listed in the application the pollutants and amounts that will be emitted for each facility. Below is the current amount allowed, the amount to be added or removed, and the total amount for each pollutant that is proposed to be emitted each year for all the facilities.

Pollutant	Permitted Emissions (tons per year)	Emissions Added/Removed (tons per year)	Total Proposed Emissions (tons per year)
Organic Compounds (VOC)	93.96	152.74	246.70
Particulate Matter (PM)	19.56	-2.34	17.22
PM with a diameter of 10 microns or less (PM10)	19.56	-2.34	17.22
PM with a diameter of 12.5 microns or less (PM2.5)	19.56	-2.34	17.22
Nitrogen Oxides (NOx)	151.42	130.23	281.65
Carbon Monoxide (CO)	390.93	1219.26	1610.19
Sulfur Dioxide (SO2)	12.04	3.26	15.30
Hydrogen Sulfide (H2S)	0.15	0.07	0.22
Carbon Dioxide (CO2)	786,582	581,615	1,368,198
Methane (CH4)	281	1,606	1,887
Nitrous Oxide (N2O)	2.5	0.7	3.2
CO2 Equivalent	794,354	621,938	1,416,292
Helium	0	976	976

The new and/or modified facilities will be controlled by for each source type as follows. 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.