

**Plain Language Summary for New Source Review (NSR) Amendment
Application for Air New Source Review Permit Number 140792,
GHGPSDTX158M1, and PSDTX1498M1**

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 federal enforceable representations of the permit application.

NextDecade LNG, LLC (CN606414134) has submitted an application for an amendment to permit numbers 140792, PSDTX1498M1 and GHGPSDTX158. Rio Grande LNG (RN109222851) will produce liquefied natural gas (LNG) at 48326 State Highway 48, Port Isabel, Cameron County.

The purpose of this application is to authorize a new liquefaction train (Train 6), consisting of two turbines and a thermal oxidizer, and fugitive emissions from gas and liquid process streams released from piping components, such as pipe flanges, valves, and others within Train 6 and a new third marine berth (Berth 3).

Pollutant	Permitted Emissions (tons per year)	Emissions Added/Removed (tons per year)	Total Proposed Emissions (tons per year)
VOC	584.84	93.04	677.88
NOx	1145.79	217.50	1363.29
CO	1789.97	332.66	2122.63
SO ₂	19.61	3.92	23.53
PM	218.89	43.72	262.61
PM ₁₀	218.89	43.72	262.61
PM _{2.5}	218.89	43.72	262.61
H ₂ S	0.23	0.03	0.26
H ₂ SO ₄	1.52	0.30	1.82
CO ₂	6367686	1282330	7650016
CH ₄	13698.38	1379.11	15077.49
N ₂ O	8.63	1.72	10.35
CO ₂ equivalent	6393600	1286002	7679606

The process units authorized by this permit will be controlled by flares and thermal oxidizers. The combustion turbines are equipped with dry low NOx (DLN) technology and oxidation catalysts to reduce carbon monoxide. Fugitive emissions from components throughout the facility will be controlled by a TCEQ-approved leak detection and repair (LDAR) program.