

**Plain Language Summary for New Source Review (NSR) Amendment
Application for Air New Source Review Permit Number 70898, PSDTX410M4,
and GHGPSDTX232**

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.

Seadrift Coke L.P. (CN604943100) has submitted an application for an amendment to permit number 70898, PSDTX410M4, and GHGPSDTX232. The Seadrift Facility (RN102147055) manufactures needle coke at 8618 Highway 185 North, Port Lavaca, Calhoun County.

This amendment will authorize an increase of the effective calcined needle coke capacity of the Seadrift facility. To provide for the capacity increases, Seadrift is proposing the following changes as part of this project: addition of a fourth coke drum, addition of two feedstock tanks and one naphtha tank, addition of one green coke silo and associated dust collector, addition of fugitive components, and associated emission increases from upstream and downstream sources. The Seadrift facility is a source of Greenhouse Gases (GHGs) and subject to the GHG reporting rule 40 CFR Part 98. GHG PSD permitting is triggered for the proposed project. Seadrift Coke L.P. 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, and the total amount for each pollutant that is proposed to be emitted after the proposed permit amendment.

Pollutants	Permitted Emissions (Tons Per Year)¹	Emissions Added/Removed (Tons Per Year)	Total Proposed Emissions (Tons Per Year)
CO	225.88	48.84	274.72
NO _x	381.23	5.73	386.96
PM	129.67	6.94	136.61
PM ₁₀	59.20	2.53	61.73
PM _{2.5}	14.19	0.48	14.67
SO ₂	867.12	2.64	869.76
VOC	124.16	22.60	146.76
H ₂ S	0.21	0.01	0.22
H ₂ S O ₄	<0.01	0	<0.01
HCl	<0.01	0	<0.01
CO ₂	NA	452442.25	452442.25
CH ₄	NA	20693.41	20693.41
N ₂ O	NA	1.83	1.83
CO ₂ e	NA	970319.49	970319.49

¹GHG calculations were not previously required, therefore there are no current permitted emissions included in this table.

The new and/or modified facilities will continue to meet TCEQ BACT. There are no additional emissions. Control required for the facilities being amended under this NSR permit.