

Plain Language Summary for New Source Review (NSR) Amendment Application for Air New Source Review Permit Number 50607

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.

Diamond Shamrock Refining Company, LP (CN600124861) has submitted an application for an amendment to permit number 50607. The Three Rivers Refinery (RN100542802) process crude oil into refinery petroleum fractions, including gasoline and diesel, and other products at 301 West Leroy Street, Three Rivers, Live Oak County.

This amendment will authorize increased emissions of NO_x and CO from the Planned MSS Cap due to flaring of unstable excess fuel gas during refinery turnarounds. Diamond Shamrock Refining Company, LP 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)
VOC	973.96	0.00	973.96
PM	157.88	0.00	157.88
PM10	134.29	0.00	134.29
PM2.5	130.73	0.00	130.73
NO _x	563.49	11.13	574.62
CO	777.27	57.33	834.60
SO ₂	338.75	0.00	338.75
Pb	0.00	0.00	0.00
Benzene	2.65	0.00	2.65
H ₂ S	7.41	0.00	7.41
NH ₃	0.04	0.00	0.04
CL ₂	0.06	0.00	0.06
H ₂ SO ₄	59.96	0.00	59.96
O ₃	31.62	0.00	31.62
HCN	45.47	0.00	45.47
TRS	9.51	0.00	9.51
CS ₂	0.02	0.00	0.02
COS	0.11	0.00	0.11

The new and/or modified facilities will be controlled by a flare to minimize emissions.