

Plain Language Summary for New Source Review (NSR) Renewal Amendment Application for Air New Source Review Permit Number 8780

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.

Orion Engineered Carbons LLC (CN600123988) has submitted an application for renewal of, and amendment to, permit number 8780. The Borger Carbon Black Plant (RN100209659) produces/manufactures Carbon Black at 9440 Farm-to-Market 1559, Borger, Hutchinson County.

This renewal will authorize the continued operation of the Borger Carbon Black Plant. The amendment will authorize incorporate by consolidation Standard Permit 164021, update permit representation and remove EPNs associated with the decommissioned thermal unit. Orion Engineered Carbons LLC 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.

Pollutants	Permitted Emissions (Tons Per Year)	Emissions Added/Deleted (Tons Per Year)	Total Proposed Emissions (Tons Per Year)
VOC	246.23	-100.83	145.40
PM	255.39	-125.62	129.77
PM ₁₀	154.4	-75.01	79.39
PM _{2.5}	111.4	-53.52	57.88
NO _x	1192.66	-830.42	362.24
CO	7559.49	-3914.79	3644.70
SO ₂	8964.3	-8488.58	475.72
H ₂ S	153.19	-76.56	76.63
COS	40.39	-20.19	20.20
CS ₂	60.42	-30.20	30.22
HCN	12.55	-6.27	6.28
Benzene	6.07	-3.03	3.04
Al	3.86	-1.93	1.93
Cl	5	-2.50	2.50
NH ₃	11.67	0	11.67

The facilities being renewed are controlled by flares, thermal oxidizer and baghouses. The new and/or modified facilities will be controlled by Selective Catalytic Reduction (SCR) and Circulating Dry Scrubber (CDS) system.