

Plain Language Summary for New Source Review (NSR) Initial Application for Air New Source Review Permit Number 177385

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.

Eastman Chemical Company (CN601214406,) has submitted an application for initial permit number 177385. The Plastics Processing Plant (RN100219815) will produce/manufacture polyester polymer at 300 Kodak Boulevard, Longview, Harrison County.

This permit will authorize a proposed Plastics Processing Plant comprising of three (3) process units designed to use a variety of mixed plastic articles and scrap plastic materials to chemically depolymerize via a methanolysis process into materials that will be used to make polyester polymer. Eastman Chemical Company has listed in the application the pollutants and amounts that will be emitted for each facility. Below is the total amount for each pollutant that is proposed to be emitted each year for all the facilities.

Pollutant	Proposed Emissions (tons per year)
VOC	52.72
PM	5.93
PM ₁₀	3.91
PM _{2.5}	2.30
NO _x	12.09
CO	36.13
SO ₂	0.61
NH ₃	0.47

The emissions from the new facilities will be controlled by dust collectors, combustion (gases are burned off which lowers what is going into the air), thermal oxidation equipped with NO_x control, liquid scrubbing, biofiltration and/or catalytic oxidation.