

Plain Language Summary for New Source Review (NSR) Renewal Application for Air New Source Review Permit Number 20122

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.

Lyondell Chemical Company (CN600344402) has submitted an application for renewal of permit number 20122. The Bayport Choate Plant Wastewater Conveyance System (RN102523107) produces/manufactures organic chemicals at 10801 Choate Road, Pasadena, Harris County.

This renewal will authorize the continued operation of a wastewater conveyance system that includes an open wastewater collection system, a storm water pond, and various wastewater storage tanks that support operations of the propylene oxide and tert-Butanol plants. Lyondell 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	21.02
NO _x	0.56
CO	3.03
SO ₂	0.10
Acetone	5.19

The facilities being renewed continue to be controlled by burning the gases which lowers what is going into the air and by using enclosed piping to transfer and collect the wastewater and by using an inspection program to see, hear, and smell leaks from equipment.