

Plain Language Summary for New Source Review (NSR) Renewal Application for Air New Source Review Permit Number 49247

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.

Indorama Ventures Oxides LLC (CN605743038) has submitted an application for renewal of permit number 49247. The Joint Wastewater Treatment Plant (RN100219252) produces/manufactures wastewater at 2701 Spur 136, Port Neches, Jefferson County.

This renewal will authorize the continued operation of the Joint Wastewater Treatment Plant. The JWWTP receives wastewater for treatment via three pipelines from four main sources: wastewater from ISP and in one pipeline; wastewater from the Indorama Oxides and Olefins (O&O) Plant in the second; and wastewater from the Indorama PO/MTBE plant is in the third. The wastewater being treated at the facility fits into the following categories: organic chemical wastewater, synthetic rubber wastewater, and liquefied gases inorganic wastewater. Wastewater streams containing significant levels of VOC's are pre-stripped at the unit facility level and sent to a control device. Indorama Ventures Oxides LLC 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	123.1
Non-VOC	7.71

The facilities being renewed continue to be controlled by piped and covered conveyance to storage or biological treatment for wastewater < 5 tpy VOC. VOC that's > 5 tpy is stripped of gases at pretreatment and routed to a control device, collection system hard piped/covered conveyance to biological treatment unit vented to a control device, wastewater treatment system must be at least 90 percent efficient.