

Plain Language Summary for New Source Review (NSR) Renewal Application for Air New Source Review Permit Number 73107

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.

Brownfield Seed & Delinting Company (CN601291719) has submitted an application for renewal of permit number 73107. The Brownfield Seed & Delinting plant (RN102522232) is a cotton seed delinting facility located at 2102 Hwy 137 S, Brownfield, Terry County.

This renewal will authorize the continued operation of a Cotton Seed Delinting facility. This facility is a seasonal processor of raw cottonseed converting it into a treated seed for planting for the following year's crop. The un-delinted cottonseed arrives at the facility and is unloaded into various warehouses. The cottonseed is first dried to remove any moisture. Cottonseed then moves into an acid delinting drum where lint is loosened from the seed. The seed then goes through buffing reels to remove the lint. Loose plant trash such as sticks, stems and leaf are removed from the seed. The seed then travels through a treater to prepare seed for planting. The seed then goes to a bagging station where it is packaged and prepared for shipment. Brownfield Seed & Delinting 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)
PM	5.88
PM10	1.90
PM2.5	0.30
VOC	0.02
NOx	0.45
SO2	0.00
CO	0.38
HCL	4.34

The facilities being renewed continue to be controlled by high efficiency cyclones on air system, plug feeding on receiving pits and drop socks on loading spouts . These devices remove the particulate matter from the air to reduce emissions.