

Plain Language Summary for New Source Review (NSR) Renewal/Amendment Application for Air New Source Review Permit Number 8252

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.

Huber Carbonates, LLC (CN 604710210) submitted an application to renew and amend NSR Permit No. 8252. The Huber Carbonates Limestone Mine (RN103991295) facility mines and crushes limestone. The facility is located at 849 South US Highway 281, Marble Falls, Burnet County, Texas. The renewal will authorize the continued operation of a calcium carbonate (limestone) mine and primary crushing operations in Marble Falls, Texas. The amendment will authorize an increase in operating hours, an increase in annual production based on the new operating hours, the addition of three material stockpiles, updates to the process fugitive emission factors to match published USEPA and TCEQ guidance, a reduction in the number of active days for two existing material stockpiles, and a reduction in the maximum exhaust flow rate from the finished product tank dust collector to match the manufacturer specifications.

Huber Carbonates, LLC has listed in the application the pollutants and amounts that will be emitted for each facility. Emissions from operations are composed entirely of particulate matter. 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.

Pollutant	Permitted Emissions (tons per year)	Emissions Added/Deleted (tons per year)	Total Proposed Emissions (tons per year)
VOC	0.00	0.00	0.00
PM	2.45	6.32	10.54
PM ₁₀	1.90	3.53	6.26
PM _{2.5}	0.95	-0.14	0.94
NO _x	0.00	0.00	0.00
CO	0.00	0.00	0.00
SO ₂	0.00	0.00	0.00
Pb	0.00	0.00	0.00

The emission sources at the facility include material handling and transfer activities, crushing, screening, stockpile handling, and truck loadout activities. Particulate emissions from crushing and material product storage emissions are controlled by two fabric filter dust collectors, which are maintained per manufacturer recommendations. Particulate emissions from material handling and transfer activities are reduced by applying wet suppression via water nozzles hovering over the feed hopped and belt conveyor transfer from the crusher. Further, the use of partial enclosures around transfer points also assists in reducing particulate emissions. Particulate emissions from screening the product are also reduced by a partial enclosure. Lastly, particulate emissions from stockpiles and unpaved roadway traffic are reduced via wet suppression applied by a water truck.