Plain Language Summary for New Source Review (NSR) Amendment Application for Air New Source Review Permit Number 48927

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.

Mineraltech Gulf Coast Abrasives LLC (Mineraltech; CN604109397) has submitted an application for an amendment to permit number 48927. The Deweyville Plant (RN101701944) mines and produces industrial sand at 2133 CR 4123 Road, Deweyville, Newton County.

This amendment will authorize the addition of a new industrial sand processing plant to the applicant's existing property. Mineraltech has listed in the application the pollutants and amounts that will be emitted. Below is the current amount allowed, the amount to be added, and the total amount for each pollutant that is proposed to be emitted each year for all the facilities. Below is the current amount allowed for each pollutant that is proposed to be emitted each year. Below is the current amount allowed, the amount to be added, 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 to be Added (tons per year)**	**Total Proposed Emissions (tons per year)**
Total suspended particulate matter of multiple sizes (TSP)	18.88	13.17	32.05
Particulate Matter 10 micron size or less (PM_{10})	10.94	10.02	20.96
Particulate Matter 2.5 micron size or less ($PM_{2.5}$)	8.19	8.70	16.89
Volatile organic compounds (VOCs)	0.55	1.67	2.22
Nitrogen Oxides (NOx)	7.15	21.69	28.84
Carbon Monoxide (CO)	4.13	12.56	16.69
Sulfur Dioxide (SO2)	0.10	0.31	0.41
Lead (Pb)	0.00	0.00	0.00

The new sand plant facilities will be controlled by two baghouses which filter particulate matter (dust) out of the air generated by the plant. Both the new and the existing sand plants will also be controlled by dust suppression methods which include water sprays on plant equipment, water sprays of the yard when conditions suggest they are needed, good material handling practices, and a large set-back (separation) from properties that are occupied by local businesses and residents.