

## Plain Language Summary for New Source Review (NSR) Initial Application for Air New Source Review Permit Number 178397

*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.*

Scout Energy Management LLC (CN605147479) has submitted an application for initial permit number 178397. The Mabee Ranch CO2 Plant (RN102535796) will conduct natural gas dehydration and recompression, as well as CO2 removal at approximately 11.6 miles northeast of the intersection of FM 158 and FM 1788, Midland, Andrews County.

This permit will authorize the removal of liquids via glycol dehydration and CO2 via stripper columns from multiple inlet gas lines. Liquids will be sent out via pipeline and CO2 gas will be compressed for reinjection in the Mabee Ranch Field. Scout Energy Management 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)
volatile organic compounds	19.89
particulate matter	1.12
particulate matter with diameters of 10 microns or less	0.67
particulate matter with diameters of 2.5 microns or less	0.53
nitrogen oxides	1.80
carbon monoxide	8.71
sulfur dioxide	248.39
hazardous air pollutants	2.69
hydrogen sulfide	9.36

The glycol dehydration units will be controlled by vapor recovery units with 97% capture efficiency and facility blowdowns will be controlled by a flare with 98% - 99% destruction efficiency. Liquids will be stored in pressurized vessels.