

Table 3 - Emissions for existing 0.250 mmbtu/hr Glycol Reboiler/Dehydration System

Pollutant	Potential Emission Rate (lb/hr)	Potential Emission Rate (tpy)
NOx	0.025	0.11
VOC	1.840	8.04
CO	0.016	0.07

Table 4 – Fugitives, storage tanks, tank truck loading

Pollutant	Potential Emission Rate (lb/hr)	Potential Emission Rate (tpy)
VOC	0.62	2.72

Once Engine #2 is installed and operating, Springhill Station's total facility-wide potential emissions will be as follows:

Table 5 – Potential Facility-Wide Emissions for Springhill Station

Pollutant	Facility-Wide Potential Emission Rate (lb/hr)	Facility-Wide Potential Emission Rate (tpy)
NOx	11.84	51.87
VOC	8.37	36.97
CO	11.83	51.83

LMM has proposed emission rates which will meet the emission requirements found in Condition 13 of GP-5. The applicant will be required to perform portable analyzer testing as prescribed in Condition 16 on Engine #2 within one hundred eighty (180) days of issuance of this General Permit. Subsequently, portable analyzer testing for NOx will be required on this compressor engine on an annual basis. LMM will comply with the applicable recordkeeping and reporting requirements found in Condition 17.

Because the dehydrator has a total uncontrolled potential VOC emission rate of less than 10 tons per year, it is exempt from the requirements of Condition 13 except for 13.c.v. which states that it shall not emit malodorous air contaminants in such a manner that the malodors are detectable outside the facility property. LMM must also maintain records for the dehydrator in accordance with Condition 17.d. including VOC emissions using GRI-GLYCalc software, actual throughput per day and the glycol circulation rate.

As such, I recommend that Laurel Mountain Midstream, LLC be authorized to use GP-5 for the operation of the emission sources at this location. GP5-26-00587A will include the emission sources discussed above and become effective on December 9, 2009 for a period of five years with an expiration date of December 9, 2014.