



west virginia department of environmental protection

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M E M O R A N D U M

To: Bev McKeone, NSR Program Manager

From: Caraline Griffith, Engineer Trainee

Date: March 21, 2016

Subject: Class I Administrative Update, R13-3055B, SWN Production Company, LLC

On March 14, 2016 the DAQ received an administrative update request for SWN Production Company, LLC to make changes to Permit R13-3055A. Attached to this memo is the letter of approval and updated Permit R13-3055B.

It is being requested that the Caterpillar G3306 NA compressor engine (EU-ENG1) located at the Russell Hervey Pad be removed along with two (2) Line Heaters (EU-LH1 and EU-LH2), and the low pressure tower. Gas and liquids from the remaining Line Heaters will be routed to the storage tanks. Based on 45CSR13 "Class I Administrative Updates" are limited to changes including the permanent removal of equipment, not including air pollution control equipment. Therefore, a Class I Administrative Update is needed and it is recommended for approval.

Below, please find the decrease in emissions from this permit update:

Pollutant	R13-3058A (TPY)	R13-3058B (TPY)	Change in Emissions (TPY)
NOx	13.21	10.30	-2.91
CO	23.13	19.14	-3.99
VOC	33.76	29.12	-4.04
PM	14.97	8.22	-6.75
Formaldehyde	0.09	0.00	-0.09
Total HAPs	2.75	2.19	-0.56