



west virginia department of environmental protection

Division of Air Quality
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Jim Justice, Governor
Austin Caperton, Cabinet Secretary
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MEMORANDUM

To: File
From: William T. Rothwell II
Date: April 4, 2017
Subject: Cranberry Pipeline Corporation – Armstrong Station – Fayette County, WV
ID #: 019-00118
APP #: PD17-007

BACKGROUND INFORMATION:

Cranberry Pipeline Corporation is proposing to downsize the facility's compressor engine by replacing its current 154BHP compressor engine with a relocated, smaller, more efficient 58BHP engine that was installed at their Panther Creek Station in April 2006. The replacement engine is an AJAX DPC60 – 58 BHP @ 1,800 RPM 2SLB engine that commenced construction prior to June 12, 2006.

The replacement engine is an existing source (commenced construction before June 12, 2006), located at an area source of HAPs, and is therefore subject to the work practice standards of 40CFR63, Subpart ZZZZ (NESHAP). However, since the existing engine was relocated from an existing site (installed in April, 2006), the engine is not subject to a substantive requirement in 40CFR63, Subpart ZZZZ, in accordance with DAQ policy.

The potential emissions for the engine are as follows:

<u>Pollutant</u>	<u>LB/HR</u>	<u>TPY</u>
PM	0.02	0.09
VOCs	0.13	0.56
CO	0.22	0.95
NOx	0.56	2.46
HAPs	0.04	0.18

RECOMMENDATION:

The emission rates are below the emission limits of six (6) lb/hr and ten (10) TPY; 2 lb/hr, or 5 TPY of HAPs set forth set forth in 45CSR13 - 2.17.a&b. Therefore, a permit is not required by this Division for the installation and operation of the above mentioned replacement compressor engine.

William T. Rothwell II, P.E.
Engineer

04/04/2017

Date