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Earl Ray Tomblin, Governor
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MEMORANDUM

To: Beverly McKeone
From: William T. Rothwell II
Date: August 11, 2015
Subject: CONE Midstream Partners, LP – Moundsville Slug Catcher Site – Marshall County, WV
ID #: 051-00212
APP #: PD15-051

BACKGROUND INFORMATION:

CONE Midstream Partners, LP is requesting a revised permit determination (PD) for the addition of a Slug Catcher Site (liquids collection and separation facility) along an existing natural gas pipeline. Natural gas, condensate, and produced water will be separated using a 3-phase separator and a surge drum. Natural gas and condensate will flow into separate pipelines leaving the site and the produced water will be stored in four (4) 400 bbl tanks to be loaded in tank trucks. One vapor recovery unit (VRU), utilizing a 145 hp Caterpillar G3306TA LCR engine, and one VRU utilizing an 84 hp Cummins G 5.9 engine will also be used at the site.

The original PD (PD15-010) was received on January 21, 2015 and did not include documentation that the natural gas compressors were equipped with catalytic converters that were integral to the units and a Permit Required letter was mailed to the applicant as the uncontrolled emissions would exceed the emissions criteria being greater than 6 pounds per hour and 10 tons per year.

Upon re-submission of the PD, the application included the correct documentation for the catalytic converters and utilized the controlled emissions. All regulated air pollutant emissions are below the allowable thresholds.

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 above mentioned Slug Catcher Site.

William D. Rothwell   8/11/2015

William T. Rothwell II, P.E.   Date
Engineer

Promoting a healthy environment.