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west virginia department of environmental protection

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Earl Ray Tomblin, Governor  
Randy C. Huffman, Cabinet Secretary  
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**MEMORANDUM**

**To:** Beverly McKeone  
**From:** William T. Rothwell II  
**Date:** May 22, 2015  
**Subject:** Chesapeake Appalachia, LLC – Smokehouse Station – Logan County, WV  
**ID #:** 045-00133  
**APP #:** PD15-039

**BACKGROUND INFORMATION:**

Chesapeake Appalachia, LLC is proposing a throughput increase from 127,500 to 255,000 gallons per year for TK-1 & TK-2, a loading volume increase from 400,000 gallons to 5,475,000 gallons, along with adding a 30,000 gallon pressurized tank.

The increase in emissions in existing Permit R13-2776B due to the increase in throughput from TK-1 & TK-2 will be 0.19 TPY of volatile organic compounds.

**RECOMMENDATION:**

Although 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, there is an increase in emissions. A Class II Administrative Update of permit R13-2776B is recommended by this Division due to the increase in emissions.

A handwritten signature in blue ink that reads "William T. Rothwell II".

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William T. Rothwell II, P.E.  
Engineer

A handwritten date in blue ink that reads "5/22/2015".

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Date