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west virginia department of environmental protection

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Division of Air Quality  
601 57<sup>th</sup> Street, S.E.  
Charleston, WV 25304

Earl Ray Tomblin, Governor  
Randy C. Huffman, Cabinet Secretary  
www.dep.wv.gov

**MEMORANDUM**

**To:** Beverly McKeone  
**From:** William T. Rothwell II  
**Date:** October 26, 2015  
**Subject:** Antea Group – Former Prima Store No. 5623 – Lewis County, WV  
**ID #:** 041-00077  
**APP #:** PD15-082

**BACKGROUND INFORMATION:**

Antea Group is proposing the utilization of an air sparge (AS)/soil vapor extraction (SVE) system to remove hydrocarbons from the subsurface from an historical gasoline release at the former Prima Store No. 5623. The potential emissions are as follows:

<u>Pollutant</u>	<u>LB/HR</u>	<u>TPY</u>
VOCs	0.11	0.48
HAPs	0.11	0.48
TAPs (Benzene)	0.06	0.26

**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 soil remediation system.

William T. Rothwell II, P.E.

10/26/2015

Date