



west virginia department of environmental protection

Division of Air Quality
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Earl Ray Tomblin, Governor
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MEMORANDUM

To: Beverly McKeone
From: William T. Rothwell II
Date: January 12, 2016
Subject: Ecolab, Inc. – Martinsburg Facility – Berkeley County, WV
ID #: 003-00096
APP #: PD15-093

BACKGROUND INFORMATION:

Ecolab, Inc. is proposing to install one (1) 10,000 gallon sulfuric acid tank and one powder feeder with a dust collector at the above facility. The dust collector is being installed to control respirable dust within the building, and it does vent inside the building. The dust collector is not used as a control device and the emissions estimate was based on 8760 hours of operation per year. The uncontrolled potential emissions are as follows:

<u>Pollutant</u>	<u>Hourly PTE</u>	<u>Yearly PTE</u>
PM	0.07	0.32
PM ₁₀	0.03	0.15
TAPs	3.44E-04	1.50E-03

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 installation.

William T. Rothwell II, P.E.
Engineer

1/12/2016

Date