



west virginia department of environmental protection

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Joe Manchin, III, Governor
Stephanie R. Timmermeyer, Cabinet Secretary
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MEMORANDUM

To: Bev McKeone, NSR Program Manager

From: Caraline Griffith, Engineer Trainee

Date: May 1, 2015

Subject: PD15-038 MarkWest Liberty Midstream and Resources, LLC

On April 23, 2015, DAQ received a permit determination request from MarkWest Liberty Midstream and Resources, LLC to replace a Waukesha P9390GSI internal combustion engine with another engine of exact same make and model.

45CSR13 and 45CSR14 define the terms “modification” and “major modification” around emission increases or net emission increases. MarkWest Liberty Midstream and Resources, LLC only proposed to replace an existing engine with an exact copy of a new engine and not to change permit emission rates. Thus, a permit modification is not required.