

US EPA ARCHIVE DOCUMENT

Todd, Robert

From: Bergmann, Edwin [EJBERGMANN@eprod.com]
Sent: Thursday, February 27, 2014 9:24 AM
To: Todd, Robert
Cc: Sartor, Rodney; Steve Langevin
Subject: Response to Questions from phone conversation of 2/24/2014
Attachments: Mt. Belvieu Natural Gas and Carbon Factors - 2012.xlsx.xlsx; Lab data sheets.pdf.pdf

Robert M. Todd, P.E.
US EPA Region 6
1445 Ross Ave.
Dallas, Tx, 75202

Robert:

The data I sent on February 12th was an example of the multiple natural gas streams that are received at the Mont Belvieu Complex. This sampling data is collected routinely and used in the calculation of parameters for process and regulatory information. The 9 data points and corresponding lab analysis sheets were provided as an example of the routine sampling of the fuel lines that come into the Mont Belvieu Complex and was not intended as a change to the composition represented in the permit application. The data used in the PDH permit was an average of 610 data points taken from 12/31/2010 to 1/2/2012. Samples that varied greater than one standard deviation were not used to calculate the average. An average percentile was calculated for each constituent and the composition normalized.

These values were used to calculate the GHG factors for natural gas for Mont Belvieu. Please note that the site does not have control over the composition of the natural gas in the pipeline, so they monitor the incoming gas for BTU value and composition of the gas they use.

I trust this gives you a better idea of how this composition was arrived at. Generally natural gas will vary for a particular site.

I will call you later today to verify that this is what is needed for your files.

Thank you for your time and consideration on project.

Ed Bergmann
Enterprise Products – Permits
Senior Environmental Engineer
1100 Louisiana Street
P.O. Box 4324
Houston, TX 77002-5227

Phone: 713/381-5807
Fax: 713/381-6660
Mobile: 713-203-4693