

From: Eric Hansen [ehansen@Environcorp.com]
Sent: Friday, August 29, 2008 2:53 PM
To: Burmark, Robert (ECY)
Subject: RE: BART report PM cost calculation for FGC

Forget about it! I checked in with BP. Valerie Lagen had forwarded y
at BP, and I just forwarded your two comments from today to him. He w

I also asked if they preferred to provide the electronic copies ...

From: Burmark, Robert (ECY) [mailto:rbur461@ECY.WA.GOV]
Sent: Friday, August 29, 2008 2:37 PM
To: Eric Hansen
Subject: RE: BART report PM cost calculation for FGC

Tuesday it is.

From: Eric Hansen [mailto:ehansen@Environcorp.com]
Sent: Friday, August 29, 2008 2:35 PM
To: Burmark, Robert (ECY)
Subject: FW: BART report PM cost calculation for FGC

Tuesday...

From: Eric Hansen
Sent: Friday, August 29, 2008 2:31 PM
To: 'Burmark, Robert (ECY)'
Subject: RE: BART report PM cost calculation for FGC

How about calling me first thing Monday morning... I'll make a note to

From: Burmark, Robert (ECY) [mailto:rbur461@ECY.WA.GOV]
Sent: Friday, August 29, 2008 1:44 PM
To: Eric Hansen
Subject: RE: BART report PM cost calculation for FGC

Thanks. If you can, I would like to go through the particulate table
sense of it.

From: Eric Hansen [mailto:ehansen@Environcorp.com]
Sent: Friday, August 29, 2008 9:40 AM
To: Burmark, Robert (ECY)
Subject: RE: BART report PM cost calculation for FGC

I just left a message with Valerie.. I can answer the question, but w
respond. I'll also confirm it's ok to provide the tables

From: Burmark, Robert (ECY) [mailto:rbur461@ECY.WA.GOV]
Sent: Friday, August 29, 2008 9:37 AM
To: Eric Hansen
Cc: Lagen, Valerie A
Subject: FW: BART report PM cost calculation for FGC

Eric;

Did you work on the BP BART report? If so, I have a question on how \$ removing sulfur from refinery fuel gas. See email I sent Valerie Lage help, give me a call. Otherwise I'll pester Valerie some more.

Also, if you have Word or Excel versions of the report tables I could handy. As usual, only pdf versions are publicly available.

Bob Burmark
Air Quality Program
Phone: (360)407-6812
Fax: (360)407-7534
Email: rbur461@ecy.wa.gov
Department of Ecology
PO Box 47600
Olympia, WA 98504-7600

From: Burmark, Robert (ECY)
Sent: Tuesday, August 26, 2008 12:35 PM
To: Valerie Lagen (valerie.lagen@bp.com)
Subject: BART report PM cost calculation for FGC

Valerie;

This is a new one.

This morning I was reviewing the cost analysis in Appendix E (particulate Cost Effectiveness Calculation - Overall" (a little more than half way number). This is for the fuel gas conditioning for PM emission reduction SO2 emissions avoided.

I understand the cost analysis in the main table up to the calculation 192,729. That is the same as in Appendix D. I do not understand the reduced in the columns below the boxed table. In particular, the column 31. This completely disagrees with the Table 3-12 in the report which reduction of 419.8 tpy.

Either way, the costs are too high. At 419.8 tpy PM reduced by FGC (p would be higher than when looking at 457.6 tpy SO2 emissions reduced were considered unacceptable.

Do you have any wise words for me? What is the column labeled SO2 in evaluation?

Bob Burmark
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