

From: Lagen, Valerie A [valerie.lagen@bp.com]
Sent: Monday, August 18, 2008 11:28 AM
To: Burmark, Robert (ECY)
Subject: RE: BP BART costing question

Bob,

The cost of fuel gas conditioning applied refinery wide equates to app is based on the Total Annualized Capital Costs of \$6,663,218. The pre is from the 2007 emission inventory for Cherry Point Heaters and Boile which will be shut down once the #6 and #7 Boilers are commissioned. T 89% for the combined streams. I hope this answers your questions. Vale

From: Burmark, Robert (ECY) [mailto:rbur461@ECY.WA.GOV]
Sent: Friday, August 15, 2008 12:31 PM
To: Lagen, Valerie A; Eric Hansen
Subject: BP BART costing question
Valerie, Eric;

In Appendix D of the Geomatrix BART Determination report, regarding th Effectiveness Calculation - Overall:

Are the equipment costs for refinery fuel gas conditioning equipment t gas stream, or for a smaller RFG side stream for the BART units only? how many tons per year of sulfur are removed in total?

The cost estimate shows that the \$22,282 cost per ton is based on trea from fuel to the 15 BART heaters. I would like to see what the \$/ton represented by the cost estimate.

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