

showing Cr6+ in the raw coke - we need to know how much of the total Cr is oxidized to Cr6+ after combustion, not how much is in the raw coke.

Thanks,  
Eric

-----Original Message-----

**From:** Facca, Gina L. (Cupertino) NA [mailto:Gina.Facca@hanson.biz]  
**Sent:** Wednesday, April 25, 2007 10:48 AM  
**To:** Eric Chan  
**Cc:** Wolf, Doug  
**Subject:** RE: Modeling Results

Eric;

The material handling system that Hanson uses for the coal and pet coke has material handling capacity of about 450 tons per hour. The front end loader that supplies that hopper has a 10 ton capacity. We only run material for a couple of hours per shift, just enough to fill the holding tanks for the coal, pet. coke or the additives (mill scale and bauxite). Additionally, the belt system limits the material movement as well to about the same, ~450 tph.

The criteria pollutants are about the same for the two fuels.

Hanson has one primary supplier, Conoco Phillips out of Santa Maria. They can not guarantee a Cr<sup>+6</sup> content, as it is dependant on the oil that they are refining on what the final content is. As I mentioned yesterday, HPC is more than willing to have the monthly pet coke sample, which is a composite of the daily samples taken from the deliveries of material received, analyzed for the hex/tri percentile split for up to 6 months.

***Gina Facca***

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-----Original Message-----

**From:** Eric Chan [mailto:echan@baaqmd.gov]  
**Sent:** Wednesday, April 25, 2007 9:00 AM  
**To:** Facca, Gina L. (Cupertino) NA  
**Subject:** RE: Modeling Results

Gina,

Does the S-173/174 coke handling system process both the coal and coke that is used at S-154, with maximum capacity of 20 tons per hour?