

From: [Hibbard, Cynthia](#)
To: [Linero, Alvaro](#)
Cc: [Holladay, Cleve](#); [Grimaldi, Jill](#); [St Clair, Tony](#); [Tanimoto, Asami](#); [Janssen, Gretchen E.](#); [DeAngelo, Gregory](#)
Subject: RE: Modeling for INEOS Bio
Date: Friday, June 11, 2010 12:00:54 PM
Attachments: [Summary of Permit Modeled Rates.pdf](#)

Al and Cleve –

As requested by Cleve, here is a summary table of hourly and annual emission rates for all of the sources at the Phase I Demonstration Scale Facility. It shows the hours restrictions we are requesting for the three flares and for the grinder, so that the total annual emission rates are under 100 tpy for all of the criteria pollutants.

A couple of things to note:

- Even though we requested hours restrictions for the flares and the grinder in the air permit application, we have not reflected that in our dispersion modeling for annual average concentrations. In other words, the dispersion modeling for annual averages is very conservative in that we used the same g/s emission rate for both the short-term and long-term averaging periods. Let us know if you would like us to change that.
- The emission rates in this table and in the dispersion modeling will match everything in the air permit application and appendices, EXCEPT for the grinder. We submitted new information for the grinder with the RAI response to Greg DeAngelo. This table reflects the latest information for the grinder.

Thanks, and please call either Tony or myself if you have any questions, or need additional information.

- Cynthia

Cynthia Strong Hibbard

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From: Linero, Alvaro [mailto:Alvaro.Linero@dep.state.fl.us]
Sent: Wednesday, June 09, 2010 3:19 PM
To: Hibbard, Cynthia
Cc: Holladay, Cleve
Subject: RE: Modeling

Thanks.

Cleve is meeting with project reps from INEOS right now who can probably answer the basic question.

But feel free to call Cleve later if you want as he may have more questions and I know the applicant is anxious to obtain a permit at an early date.

Al.

The Department of Environmental Protection values your feedback as a customer. DEP Secretary Michael W. Sole is committed to continuously assessing and improving the level and quality of services provided to you. Please take a few minutes to comment on the quality of service you received. Simply click on [this link to the DEP Customer Survey](#). Thank you in advance for completing the survey.

From: Hibbard, Cynthia [mailto:HibbardCS@cdm.com]

Sent: Wednesday, June 09, 2010 3:16 PM

To: Linero, Alvaro

Subject: RE: Modeling

Al –

The project modeler (Asami Tanimoto) and I will call Cleve a little after 4:30, if that's O.K. Thanks.

- Cynthia

From: Linero, Alvaro [mailto:Alvaro.Linero@dep.state.fl.us]

Sent: Wednesday, June 09, 2010 1:41 PM

To: Hibbard, Cynthia

Subject: Modeling

Can you call me or Cleve Holladay?

Cleve is at 850-921-8986.

Thanks

Al Linero.