

**From:** [Osbourn, Scott](#)  
**To:** [Linero, Alvaro](#)  
**Cc:** [Bradley, Chris](#); [Larocca, David](#); [Hoch, Gavin](#)  
**Subject:** FW: Anclote - CO ppmvd conversion to lb/hr or lb/mmBtu  
**Date:** Wednesday, July 25, 2012 11:06:49 AM  
**Attachments:** [CO Emission Calculation.xlsx](#)

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As we discussed yesterday, attached is the documentation for the CO emissions calculation for Anclote.

Chris and I had several additional discussions with Progress' staff yesterday regarding the NOx emissions guarantee and the increase in heat input (i.e., from 5,000 MMBtu/hr to 5,500 MMBtu/hr) and I will forward in another email.

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**From:** Larocca, David  
**Sent:** Wednesday, July 25, 2012 1:22 AM  
**To:** Osbourn, Scott; Hoch, Gavin  
**Subject:** RE: Anclote - CO ppmvd conversion to lb/hr or lb/mmBtu

Scott and Gavin,

Take a look at the attached. I have calculated a value of 0.15 lb/MMBtu based on a flow rate developed from the F-Factor. I image this is how Al calculated his value. I have also reviewed our calculation and determined that we used a wet mass flow rate instead of dry, using the dry we get a value of 0.16 lb/MMBtu based on a heat content of 1,100 Btu/cuft. Note that if you change the heat content to 1020 you are back at our estimate of 0.18 lb/MMBtu. I have also shown the difference in flow rates developed by the two methods which is 2.

I hope this helps. Perhaps we can share with Al our calculation.

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