

From: Matsumura, April Mido
Sent: Friday, June 01, 2007 4:39 PM
To: 'Don Bryan'; John_Lague@URSCorp.com
Cc: 'Greg Retzlaff'; Hirai, Nolan S
Subject: RE: HAP risk assessment - non carcinogens

Don,

It's the chloride I'm concerned with. This research shows much higher Cl for eucalyptus than other woods... not that I "like this data."
I understand that wood chemistry will vary depending on soil constituents, but just need you to be careful in factoring in enough of a safety factor in your proposed HCl limit.
Upon what is your HCl limit based?

April

From: Don Bryan [mailto:don.b@tfp-hi.com]
Sent: Friday, June 01, 2007 4:02 PM
To: Matsumura, April Mido; John_Lague@URSCorp.com
Cc: 'Greg Retzlaff'
Subject: RE: HAP risk assessment - non carcinogens

As Greg mentioned it does not look here like eucs behave much differently from the other woods tested. Fireplace combustion is an odd thing to test but if she likes this data and it shows that its not really much worse of better than other woods , well good for us. Question is, I guess to john, is that what this shows. Data on a quick run through looks pretty benign except for our old bugaboo cl. Whats up with that. Not as a debate point, but one of the ever present issues is that wood consists of stuff in the soil it is growing in. Soils are different in different places, as we know. John, what does this data tell you?

Don

From: Matsumura, April Mido [mailto:april.matsumura@doh.hawaii.gov]
Sent: Friday, June 01, 2007 2:16 PM
To: John_Lague@URSCorp.com
Cc: Don Bryan; Greg Retzlaff
Subject: HAP risk assessment - non carcinogens

John,

As mentioned previously, §11-60.1-179 requires HAP concentrations to be below the "significant" level.

Please see attached file for procedures for non-carcinogenic HAPs.
Region 9 PRG table shows HCl as non-carcinogenic.
I will follow w/ an email on the carcinogens.

Also, just fyi, Table 1 of the attached Env Sci Tech article shows results for current research comparing pine, oak and eucalyptus emissions from fireplace combustion.

How is the situation regarding biodiesel? Will the boiler be able to use biodiesel instead of fuel oil for start-up and transient phases?

Regards,
April

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