From:	WESTERSUND Joe
To:	ARMITAGE Sarah; FELDON Leah; INAHARA Jill; PALERMO Jaclyn
Cc:	artglass2016
Subject:	RE: estimating avoiding health costs for art glass rule
Date:	Friday, June 03, 2016 9:21:35 AM

That makes sense that OHA should be involved. Would David Farrer be my best contact?

I'm thinking that if we do an estimate of avoided costs, we might want that to come from OHA- and there might not be time for that unless they've already considered that question.

-Joe

-----Original Message-----
From: ARMITAGE Sarah
Sent: Thursday, June 02, 2016 8:20 PM
To: WESTERSUND Joe <WESTERSUND.Joe@deq.state.or.us>; FELDON Leah <FELDON.Leah@deq.state.or.us>; INAHARA Jill <INAHARA.Jill@deq.state.or.us>; PALERMO Jaclyn <PALERMO.Jaclyn@deq.state.or.us>
Cc: artglass2016 <artglass2016@deq.state.or.us>
Subject: RE: estimating avoiding health costs for art glass rule

It is difficult to estimate avoided health costs with cancer risk, which is what I understand is the main concern with the metals emissions. We may want to ask health folks for advice.

From: WESTERSUND Joe
Sent: Thursday, June 02, 2016 5:33 PM
To: FELDON Leah; INAHARA Jill; PALERMO Jaclyn; ARMITAGE Sarah
Cc: artglass2016
Subject: estimating avoiding health costs for art glass rule

Hi All,

The fiscal adv comm requested that I try to quantify the avoided health costs from the rule. To do that, I'd need to get or estimate some data I don't have yet:

1. How many people are in the 'exposure area' of these 5 facilities?

2. For each of the 6 metals, what reduction in local ambient concentration would we get with the rule?

3. What are the important health effects of breathing these 6 metals? [can sort of get from temp rule staff report + websites]

4. For an X ng/m3 reduction in the air concentration, what reduced probability of health effect Y is expected? [Sarah, do we have this data from the ambient benchmark process ATSAC went through?]

5. For one case of health effect Y, what is the monetary cost? [optional, to convert to $$]

All this data would need to be strung together to get an estimate.

Please let me know if you have advice on who / where to go to for this data. Or, how to quantify the avoided health impacts in some simpler way. It may not be feasible on such a short timeframe.

-Joe

Joe Westersund
Oregon Department of Environmental Quality
811 SW 6th Avenue, Portland, OR 97204
(503) 229-6240 office
westersund.joe@deq.state.or.us
Usual Schedule: 8am - 5pm, M-F