From: Bollweg, George
To: Patel, Shilpa
Subject: RE: Stats for RA
Date: Monday, April 08, 2013 10:03:07 AM

Thanks Shilpa. I also sent this to Michelle Colledge since she made the initial offer.

From: Patel, Shilpa
Sent: Monday, April 08, 2013 9:51 AM
To: Bollweg, George
Subject: RE: Stats for RA

Let me know if you are able to get something from Motria. If not, I will see what I can find on Tuesday.

From: Bollweg, George
Sent: Monday, April 08, 2013 8:59 AM
To: Bollweg, George
Cc: Caudill, Motria; Patel, Shilpa
Subject: RE: Stats for RA

Hi again – on second thought, if you have time to look at E. Liverpool data (and it seems likely we'll get asked about it): how does the 1999-2008 E. Liverpool (Water Plant) airborne Mn average compare with annual averages for 2009, 2010, 2011 and (if available?) 2012? Or is there a better way to do the comparison? thanks

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From: Bollweg, George
Sent: Friday, April 05, 2013 11:30 AM
To: Colledge, Michelle
Subject: RE: Stats for RA

Thanks Michelle – no need now, we had to finish yesterday. Motria and Shilpa seemed to agree that whether EL airborne Mn concentrations have actually decreased depends on how the "before-after" comparison is done. Here's what we came up for words:

What mitigation steps have been taken?

State and federal inspections and air monitoring have been conducted in and near the sources in both Marietta and East Liverpool. Ohio EPA issued 2008 and 2010 Findings and Orders to the East Liverpool Mn source, S.H. Bell, requiring emissions and dust control, road paving and process changes that appear to have lowered monitored airborne Mn. The Marietta source, Eramet-Marietta, is subject to the ongoing Ferroalloys Production Risk and Technology review (final rule late 2013).

From: Colledge, Michelle
Sent: Friday, April 05, 2013 11:03 AM
To: Bollweg, George
Subject: Stats for RA

George-

I would be happy to calculate % decrease for you to give management, but won't get to it until later today. You have the most recent data, so that is what I would be working from.

Thx
Michelle

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