

Subject: RE: WARMF/QAAP

Date: Monday, January 14, 2013 5:47:41 PM CT

From: Swain, Ed (MPCA), MPCA ED DF5A38E7-D527-432E-AE58-DOC51F03E974>

To: Carey, Patrick (MPCA), MPC758afda6-1be7-457d-82f1-55a0b38d8140>

CC: Monson, Bruce A (MPCA), MP17c631b0-d2e4-445f-b823-186dcd87833b>, Kennedy, Mike (MPCA), MPCA6e4ea0b3-44b2-4dd8-929f-92d65b0573c1>

Priority: High

Pat and Mike,

I see that Pat and Mike have a watershed meeting from 9:30 to 3:00 on Tuesday, and then you will be exhausted.

But after your watershed meeting, could Bruce and I talk with one or both of you about the email below?

Bruce and I just spent the afternoon with Mike Berndt's scientific team in a mid-project review; they are producing a lot of data and understanding which will be ignored if the TMDL mercury modeling goes ahead soon. Those scientists also seem in agreement that any modeling effort right now would produce conclusions that are almost certainly based on hubris, and such conclusions might be hard to contradict in the future.

So can we talk Tuesday late afternoon?

I am unavailable Wed-Friday.

We could wait until next week.

Ed

From: Carey, Patrick (MPCA)
Sent: Thursday, January 10, 2013 3:26 PM
To: Swain, Ed (MPCA)
Cc: Monson, Bruce A (MPCA); Kennedy, Mike (MPCA)
Subject: WARMF/QAAP

Hi Ed (and Bruce?), Happy New Year!

See attached e-mail from Xiaochun (Wisconsin model expert) in which she asks whether you are comfortable with the use of the WARMF model as part of the overall modeling effort for this project given

issues/problems historically identified.

EPA is currently asking us to review and “sign-off” on the attached QAAP focused on modeling for the SLR Toxics TMDL. The language related to the WARMF component of the overall modeling is found mainly on pages 14-17. Could you please review the QAAP language for WARMF (and other language if you want) to see if you have any problems with it...The language is pretty high-level and general, so not thinking (??) you’d have specific problems with the language, but let me know if you see any language problems or if you have any other overarching comments about the use of WARMF given previous problems. Thanks for any help you can provide.

Beyond the QAAP, as they get into actually designing the model(s), we will share the details with you to see if you spy any issues. Thanks again.

-Pat