From:	Kenneth Kolm
To:	Rains, Mark; Latif Kalin; Judy Meyer (judymeye@gmail.com)
Cc:	Amanda Rodewald (adr79@cornell.edu); Armitage, Thomas
Subject:	RE: Additional Revisions to Charge Question 2
Date:	Friday, January 31, 2014 3:39:23 PM
Attachments:	EPA SAB Connectivity Charge Question 2 (3).docx USGS Groundwater resources_external.pdf Winters et al circ1139.pdf

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Hi Mark,

I agree with Judith Meyer -- a thorough review showing great work by this subgroup, with thoughts incorporated by the entire Panel and outside comments, as well! I have added some final suggestions, and included two USGS Resources that will really help those using the document. The USGS Groundwater resources pdf has all the classic pubs for groundwater, and there are many block diagrams in these pubs that can be useful for modifying/contributing to the current 3-block diagrams that we are proposing. The Winters et al (1998) helps to summarize much of what we knew by 1998, and most of the block diagrams are relevant today.

I look forward to seeing all the subgroups responses!

Best Regards,

Ken

Kenneth E. Kolm
Associate Professor Emeritus
Colorado School of Mines

and

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!

From: Kenneth Kolm
Sent: Tuesday, January 07, 2014 1:17 PM
To: Rains, Mark; Latif Kalin; Judy Meyer (judymeye@gmail.com)
Cc: Amanda Rodewald (adr79@cornell.edu); Armitage, Thomas (Armitage.Thomas@epa.gov)
Subject: RE: Rough Draft

Hi Mark,

Fantastic summary!

Here are some suggestions with details to follow later.

Thanks!

Ken

Kenneth Kolm

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From: Rains, Mark [mrains@usf.edu]
Sent: Thursday, January 02, 2014 11:38 AM
To: Latif Kalin; Kenneth Kolm; Judy Meyer (judymeye@gmail.com)
Cc: Amanda Rodewald (adr79@cornell.edu); Armitage, Thomas (Armitage.Thomas@epa.gov)
Subject: Rough Draft

Attached is a rough draft of our overarching comments. Tom would like to deliver our rough draft to the lead authors of the other sections as soon as possible, so they can have our conceptual framework in mind as they prepare their own comments. (We've already been contacted by one of those lead authors to find out when they can expect our rough draft.) Would you please briefly review this? I don't think we should worry about details right now, even important details -- we'll have plenty of time to layer on those details as we continue to refine this up to the January 31 deadline. I also don't think we should worry about line-by-line comments right now--we'll be able to include our line-by-line comments separately. Rather, for the time being, I think we should focus on the central themes, especially the centrally important flowpath framework. Please deliver your brief comments to me by no later than close-of-business Tuesday, so I can get this to Tom and he can then forward it to the lead authors of the other sections by close-of-business Wednesday. I'll send a separate email to you in a moment about the broader review and schedule.