Message

From: Robinson, Valois [Robinson.Valois@epa.gov]
Sent: 5/9/2019 7:39:44 PM
To: Arnold, Rick [Arnold.Rick@epa.gov]
Subject: FW: WA 96 Task 1.3 Draft CSM support document
Attachments: WA_3-96_Draft_CSM_Support Doc_5_7_2019.docx

Hi Rick,
We have received the CSM support document. Please look it over and see what you think. Mary Ellen expressed some concerns below about the appropriate level of detail. The purpose of this document is to provide expectations to the EPA person who is reviewing the permittee's CSM to make sure it includes everything it should. I haven't looked it over yet.
Thanks!

Valois

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From: Mary Ellen Tuccillo <maryellen.tuccillo@cadmusgroup.com>
Sent: Tuesday, May 7, 2019 6:56 PM
To: Robinson, Valois <Robinson.Valois@epa.gov>; Suchomel, Bruce <Suchomel.Bruce@epa.gov>
Cc: Arnold, Rick <Arnold.Rick@epa.gov>; Shari.Ring@cadmusgroup.com
Subject: WA 96 Task 1.3 Draft CSM support document

Hi Valois and Bruce,

Please find attached a draft CSM support document for Task 1.3. based on the annotated outline.

When have all had a chance to look it over, it would be good to hear your thoughts on the more technical aspects. In particular, it's challenging to develop the appropriate level of treatment for the geochemical processes for this support document while keeping it reasonably succinct. Redox and sorption are of course key processes, but they're hard to explain to a broad audience without devoting a lot of space to introducing concepts that may be new to the reader, and it's hard to do justice to the complexity of the system for those more comfortable with the material. We've tried to strike a middle ground and hit on some key points – see if you think it overshoots or undershoots.

We put in a few graphics and will request any necessary permissions when choices are finalized. We also might want to use a couple of graphics from the fact sheet after we've had a chance to talk.
Appendix A has maps created by Alex using locational data for sampling points for pressure data, groundwater sampling, and cores.

We'll look forward to talking with you soon.

Mary Ellen

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Water is the driving force of all nature. Leonardo da Vinci

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