Message

From: Davis, Eva [Davis.Eva@epa.gov]
Sent: 10/17/2016 12:53:00 PM
To: d'Almeida, Carolyn K. [dAlmeida.Carolyn@epa.gov]; Steve Willis [steve@uxopro.com]
CC: Wayne Miller (Miller.Wayne@azdeq.gov) [Miller.Wayne@azdeq.gov]
Subject: RE: ST12 Containment Field Variance Memo #5 - draft final letter

Good one to add -

From: d'Almeida, Carolyn K.
Sent: Friday, October 14, 2016 5:20 PM
To: Steve Willis <steve@uxopro.com>; Davis, Eva <Davis.Eva@epa.gov>
Cc: Wayne Miller (Miller.Wayne@azdeq.gov) <Miller.Wayne@azdeq.gov>
Subject: RE: ST12 Containment Field Variance Memo #5 - draft final letter

Combing through the remainder of notes from Techlaw Ive added another comment to this one

Figure 3-2. Please add ST012-CZ01 or ST012-CZ08 to the monitoring well network. Why are the proposed Cobble Zone (CZ) extraction wells located mostly upgradient of the CZ contamination? The CZ is of greatest concern for containment given the expected increased transmissivity rates. What are the anticipated extraction rates required to contain downgradient LNAPL and dissolved phase contaminats to prevent offsite migration?

From: Steve Willis [mailto:steve@uxopro.com]
Sent: Friday, October 14, 2016 2:44 PM
To: d'Almeida, Carolyn K. <dAlmeida.Carolyn@epa.gov>
Cc: Wayne Miller (Miller.Wayne@azdeq.gov) <Miller.Wayne@azdeq.gov>
Subject: RE: ST12 Containment Field Variance Memo #5 - draft final letter

I only have one addition: added a sentence to Gen Comment 2.

From: d'Almeida, Carolyn K. [mailto:dAlmeida.Carolyn@epa.gov]
Sent: Friday, October 14, 2016 1:26 PM
To: Steve Willis
Subject: FW: ST12 Containment Field Variance Memo #5 - draft final letter

Steve

As Wayne delegated this review to you, here is update with Evas comments

From: Davis, Eva
Sent: Friday, October 14, 2016 1:14 PM
To: d'Almeida, Carolyn K. <dAlmeida.Carolyn@epa.gov>; Wayne Miller <Miller.Wayne@azdeq.gov>
Subject: RE: ST12 Containment Field Variance Memo #5 - draft final letter

Carolyn –

See the attachment for a couple small corrections/comments, and I think the following comments from TechLaw should be included:

Section 3.2 comment: If the air stripper is operated manually, then it can't operate unless operator is present? If so, does that mean extraction will only occur during times when the operator is present (I didn't see a holding tank for storage between operation of the air stripper as part of the system) or will an operator be present 24/7?

Section 3.2 and Figure 3-1 are not consistent – Section 3.2 states that the bag filters are after the equalization tank, the figure shows the bag filters before this tank.

Have the comments on the characterization gone out already?

Eva

From: d'Almeida, Carolyn K.
Sent: Friday, October 14, 2016 2:31 PM
To: Wayne Miller <Miller.Wayne@azdeq.gov>; Davis, Eva <Davis.Eva@epa.gov>
Subject: ST12 Containment Field Variance Memo #5 - draft final letter

Wayne

I wanted to run this letter by you as your comments are incorporated; with everyones comments incorporated it appears pretty comprehensive. Let me know if its ok and we will send it out today.

Carolyn d'Almeida
Remedial Project Manager
Federal Facilites Branch (SFD 8-1)
US EPA Region 9
(415) 972-3150

"Because a waste is a terrible thing to mind..."