Message

From: d'Almeida, Carolyn K. [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=9EC4401AFA1846DD93D52A0DDA973581-CDALMEID]
Sent: 10/14/2016 9:32:52 PM
To: Davis, Eva [Davis.Eva@epa.gov]
Subject: RE: ST12 Containment Field Variance Memo #5 - draft final letter

Thanks – I greatly appreciate your thoroughness!

From: Davis, Eva
Sent: Friday, October 14, 2016 2:18 PM
To: d'Almeida, Carolyn K. <dAlmeida.Carolyn@epa.gov>
Cc: Wayne Miller <Miller.Wayne@azdeq.gov>; steve <steve@uxopro.com>
Subject: RE: ST12 Containment Field Variance Memo #5 - draft final letter

My replies in red below

From: d'Almeida, Carolyn K.
Sent: Friday, October 14, 2016 3:25 PM
To: Davis, Eva <Davis.Eva@epa.gov>
Cc: Wayne Miller <Miller.Wayne@azdeq.gov>
Subject: RE: ST12 Containment Field Variance Memo #5 - draft final letter

Thanks. I had asked techlaw to summarize their comments, and forgot to go back through the ones embedded in the memo; there were some good comments that did not get captured. There were more comments embedded, the two I provided in the last email were the ones I thought were most important to include

I'm still working on the characterization letter; I think containment is the highest priority at this point.

Did you look more closely at TL's comments embedded in the report. There were some additional areas noted that I wanted to add

1) CZ07 on northern perimeter of TTZ has NAPL, needs to be bounded by a well to the north, not clear if this is covered in the current sampling program – I suggested that this was covered by SB16, but Steve was still pushing for another boring/well, or maybe SB16 should be moved to the east – I suggested UWBZ wells to the east of current wells that would of course sample the CZ in that area, maybe those would cover it better (see my comment #11)
2) North of LSZ 37 – not clear if there is already a well to bound this area – I think W12 bounds this area fairly well, it's been as high as 35 ppb for benzene in the last 2 years, LSZ58 and LSZ59 provide pretty good coverage in this area
3) LSZ 48 and LSZ 35, not clear if this area will be bounded by the single boring west of here proposed currently only to extend to UWBZ – drilling should continue through LSZ. LSZ48 is bounded to the west by LSZ57, LSZ35 is bounded by LSZ39 and LSZ57

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
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US EPA Region 9
(415) 972-3150

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