

N60508.AR.000250
NAS WHITING FIELD
5090.3a

ELECTRONIC MAIL REGARDING FLORIDA DEPARTMENT OF ENVIRONMENTAL
PROTECTION COMMENTS ON SITE 7 REMEDIAL ACTION PLAN NAS WHITING FIELD FL
10/19/2007
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Lockwood, Jeff

From: Lockwood, Jeff
Sent: Friday, October 19, 2007 8:43 AM
To: 'Amy.Twitty@CH2M.com'
Subject: RE: NAS Whiting Field Site 7 RAP

Amy,

I have reviewed the document and since it is close to being approvable, I will offer the following comments informally rather than send a letter:

1. The soil data presented in this report is a bit sketchy in terms of being able to grasp the extent of contamination. I know there have been plenty of previous documents presenting this information, but it would be helpful to have figures showing the overall bounds of the contamination at the four depth ranges 0-20, 20-60, 60-80, and 80-GWT.
2. The first page of calculations in Appendix E references the four depth ranges. The last appears to have a typo: should it be 80-126 ft bls, not 60-126 ft bls?
3. Getting more specific with comment 1, with regard to SB-53, a look at both the headspace data in Table 2-2 and analyticals in Table 2-4 (toluene,xylene) show that SB-53 is definitely within the plume at the lowest depth range (80-126 ft). So it appears that we have a kind of bell-shaped soil plume with the assymetrical "flange" occurring at close to the water table in the direction of SB-53 (toward the southwest). If it's not too much trouble, you might want to create one of those famous CH2MH "3D" plume figures incorporating both the TTNUS and the new data for the four headspace and three analyticals from this past April. As long as the SVE system captures the overall plume at 80 feet and shallower, I think we have a viable system. I would however offer the disclaimer that the deep soil contamination will have to be addressed under Site 40 unless the GWT rises significantly (which could be happening as I write this, knock on wood!) and the BTEX goes back into the dissolved phase from the large smear zone that seems to be there now.

In summary, it appears that you have the above documentation on hand; it's just a matter of providing it as part of this report, or presenting it in a bit more user friendly format. Hopefully the deeper soil contamination can be addressed as a "saturated" zone that could be a part of Site 40. This RAP addendum could be approved based on treating soils above 80 feet bls. I will issue the approval letter/certification on that basis after hearing back from you.

Jeff

From: Amy.Twitty@CH2M.com [mailto:Amy.Twitty@CH2M.com]
Sent: Monday, October 15, 2007 2:33 PM
To: Lockwood, Jeff
Subject: NAS Whiting Field Site 7 RAP

Jeff - I hope you are well. I have two questions: Did you receive the Site 7 RAP sent out on October 2nd? What is your expected turnaround time on the review? The Navy wants us to update the field schedule so I wanted to get an idea on your backlog/review time.

Thanks!!
Amy Twitty
(850)232-0320