

Below are comments from Jeff Lockwood on the F.S. for Site 43 dated June 25, 2007, sorry about the delay. Please let me know if you need anything else from me. If you do not, let this email serve as official response from the Department on this document.

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From: Lockwood, Jeff

Sent: Wednesday, September 26, 2007 2:38 PM

To: Bolanos, Tracie

Subject: NAS Pensacola FS for Site 43

I have reviewed the Draft Final version of the document. It appears to address an adequate range of alternatives for soil and groundwater remediation. Alternative G-2 is the only alternative that may require special attention from an engineering standpoint (all the other alternatives are just a matter of soil excavation, LUCs and/or monitoring) as well as a treatability study; the DAP would presumably immobilize the lead by forming a lead phosphate ($PbHPO_4$) which is quite insoluble. The latest sampling from 2005 shows a lead exceedance in GP anomaly location 11 but no data from location 23 which is the other area being considered for treatment.

Given the localized nature of the lead contamination, they should also consider groundwater extraction and ex-situ treatment (using DAP) which would not have UIC issues and would appear to be easily implementable.

Jeff