From: Moats, William, NMENV
To: Scott Ellinger/R6/USEPA/US@EPA
Cc: Laurie King/R6/USEPA/US@EPA; Tara Hubner/R6/USEPA/US@EPA; McDonald, William, NMENV; Brandwein, Sid, NMENV; Kieling, John, NMENV
Subject: KAFB Bulk Fuels Modeling
Date: 11/04/2011 03:30 PM

Hi Scott,

Sorry for this belated response. I've been buried in meetings this week.

As we discussed in our phone conference this last Monday, NMED could use some help with modeling. Our top priority is modeling the fate and transport of EDB in groundwater at the Kirtland Air Force Base Bulk Fuels Facility. The model would need to cover the area from the source at the Bulk Fuels Facility to the nearest KAFB and Water Utility Authority water-supply wells. You mentioned that your modeling software does not take into account contributions of EDB from the source in the vadose zone/floating free product. This is alright. I think it will be instructive to look at the current highest concentrations of EDB (about 360 ppb) in the groundwater beneath the source and predict the concentrations of EDB that would be expected to reach the production wells if nothing was done to mitigate the problem.

The second priority would be to model the capture zone of two proposed extraction wells associated with what is being called the LNAPL Containment System.

I look forward to working with you on this project. You can contact me by phone at 505-222-9551 or e-mail me if you have questions or data needs.

Cheers,
Will Moats

From: Kieling, John, NMENV
Sent: Monday, October 31, 2011 10:41 AM
To: Ellinger.Scott@epamail.epa.gov
Cc: King.Laurie@epamail.epa.gov; Hubner.Tara@epamail.epa.gov; Moats, William, NMENV; McDonald, William, NMENV; Brandwein, Sid, NMENV
Subject: FW: CALL FOR AGENDA ITEMS, October 20th RCRA/TSCA Remediation Conference Call

Scott,
Thanks for the conference call this morning.

The cross-sections for the Kirtland AFB Bulk Fuels Facility Spill can be found at:
ftp://ftp.nmenv.state.nm.us/hwbdocs/HWB/KAFB/Bulk_Fuels_Facility_Spill/KAFB_9-29-2011_Pre-Remedy_Quarterly_Report_Apr-June_2011/

click on Figures and there is a file for cross-sections.

The web page for all things on the fuel spill can be found at:
http://www.nmenv.state.nm.us/hwb/kafbperm.htm#KAFBBulkFuelsFacSpill

Will Moats will provide a list of modeling priorities as we discussed this morning.

Thanks, John

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