From:	Williams, Jonathan
To:	McDonnell, Kimberlee
Subject:	FW: AFLB north of plant
Date:	Tuesday, January 05, 2016 12:37:23 PM
Attachments:	EMF RI Figure 3_1 series.pdf image003.png

From: Williams, Jonathan
Sent: Wednesday, December 23, 2015 11:42 AM
To: 'Marguerite Carpenter' <MARGUERITE.CARPENTER@fmc.com>; Zavala, Bernie <Zavala.Bernie@epa.gov>; Ed Greutert <greutert_ed@bah.com>; susanh@ida.net; Kelly Wright <kwright@sbtribes.com>; Scott Miller <scott.miller@deq.idaho.gov>
Cc: Rob Hartman <Rob.J.Hartman@mwhglobal.com>
Subject: RE: AFLB north of plant

Thanks for the information. I think we disagree with the interpreted extent of the AFLB shown on the map sent to us last week, and would like to explain why over the telephone. And the borehole information provided earlier today does not appear to support that MWH interpretation of the continuous extent of the AFLB (shown in purple in map view) either.

Attached are some interpretive cross sections I recently reviewed. My initial review suggests that along section C-C' the AFLB is present at MW 133/134, MW 112 is too shallow, and it's absent at MW 500/501. Along section D-D' it appears to be present only as far north as MW 309/310. It appears that the AFLB is not present anywhere along section G-G'.

Let's talk as planned about how far down gradient from potential extraction well locations we can expect the AFLB to be present, and how that might be confirmed. Also, I think we should talk about orienting extraction wells more or less perpendicular to groundwater flow. Some proposed extraction well locations appear to be oriented more parallel to the flow of contaminated groundwater.

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From: Marguerite Carpenter [mailto:MARGUERITE.CARPENTER@fmc.com]
Sent: Wednesday, December 23, 2015 10:15 AM
To: Zavala, Bernie <Zavala.Bernie@epa.gov>; Ed Greutert <greutert_ed@bah.com>; susanh@ida.net; Williams, Jonathan <Williams.Jonathan@epa.gov>; Kelly Wright <kwright@sbtribes.com>; Scott Miller <scott.miller@deq.idaho.gov>
Cc: Rob Hartman <Rob.J.Hartman@mwhglobal.com>

Subject: AFLB north of plant

Jonathan

During our conference call last Friday, you requested additional information regarding the EMF RI, FMC Groundwater Current Conditions Report (GWCCR) and Simplot Phosphoric Acid Plant (PAP) Investigation Report) data and interpretations that the American Falls Lake Bed deposits are laterally continuous to the north and northeast of the FMC Plant site as depicted on the figures we reviewed during the call which are attached again here. Also attached are 1) Figure 3-1 from the Draft CERCLA Groundwater Monitoring Plan, annotated with a dashed line around the borings / lithologic logs that were again reviewed, 2) a tabulated summary of the boring designations showing the depth to and elevation of the top of the AFLB, and 3) copies of the lithologic logs. We believe the attached information fully supports the original EMF RI / GWCCR interpretation that the AFLB is laterally continuous to the north of the FMC Plant (at least north of I-86) and to the northeast (northeast of well 517 as inferred from the data presented in Simplot's PAP Investigation Report). With your concurrence, we believe this information obviates the need for further discussion on this topic and propose that we cancel the conference call scheduled for this afternoon.

Thank you,
Marjo

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TH!NK. SAFE.

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