From:	Gorin, Jonathan
To:	DiPippo, Gary
Cc:	John M. Hoffman; Carrie McGowan
Subject:	RE: quick question
Date:	Tuesday, January 07, 2014 1:43:00 PM

Thanks Gary… good point.

jon

From: DiPippo, Gary [mailto:Gary.DiPippo@Cornerstoneeg.com]
Sent: Tuesday, January 07, 2014 1:31 PM
To: Gorin, Jonathan
Cc: John M. Hoffman; Carrie McGowan
Subject: RE: quick question

Jon, the one difference with the former GAF site is that it does not have a low permeability cap. So, it would not necessarily behave similarly.

Carrie can perhaps shed some light on this. I am not sure how much the perimeter collection system and the fill that was placed affected the overburden water table.

However, to the extent it may not have "dried out", that would not necessarily be an indication of what would happen at LCP because of the cap differences.

Again, hope this helps, Gary

From: John M. Hoffman [mailto:jmhoffman@ashland.com]
Sent: Tuesday, January 07, 2014 12:50 PM
To: Gorin, Jonathan; Carrie McGowan
Cc: DiPippo, Gary
Subject: RE: quick question

Hi Jon,
Maybe Carrie can answer the GAF site question on overburden water budget (I do not know the answer).

John

John Hoffman
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From: "Gorin, Jonathan" <Gorin.Jonathan@epa.gov>
To: "DiPippo, Gary" <Gary.DiPippo@Cornerstoneeg.com>,
Cc: John M. Hoffman/RCWilm/NA/Herc@Ashland
Date: 01/07/2014 12:40 PM
Subject: RE: quick question

Yes, it does.

I told "them" that it's saturated fill, that the cap will cut off infiltration from rain, and whatever limited lateral flow there is will be cut off by the barrier wall. Add to that the fact we will be recovering and disposing what overburden water is inside the wall, it should dry out.

I also noted that the GAF site's overburden area has already virtually dried out – which I believe is the case (John?)

Anyway, lawyers like "will" and "will not." Scientists/engineers like "is likely to" or "is unlikely to." Hard to reconcile, but I'll give it another shot.

Jon

Ps, despite my tone in this e-mail, we're very close to getting this ROD issued.

From: DiPippo, Gary [mailto:Gary.DiPippo@Cornerstoneeg.com]
Sent: Tuesday, January 07, 2014 12:01 PM
To: Gorin, Jonathan
Cc: John M. Hoffman
Subject: RE: quick question

Jon,

Quite sure it will dry out. That water table is developed solely from recharge, so if recharge is stopped, well. . . . .

The only thing that is a bit uncertain is exactly how long it will take because of the uncertainties of permeability and lateral flow during the course of the mound decline.

Does this answer your question?

Gary

From: Gorin, Jonathan [mailto:Gorin.Jonathan@epa.gov]
Sent: Tuesday, January 07, 2014 8:47 AM
To: DiPippo, Gary
Cc: John M. Hoffman
Subject: quick question

I have no idea what it is with this site….. Anyway, quick question

Gary, how sure are you that the overburden area under the cap, inside the barrier wall, will eventually "dry out?"

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