To: Kaspar, Paul[kaspar.paul@epa.gov]; Hosch, Claudia[hosch.claudia@epa.gov]
Cc: Chen, Isaac[Chen.Isaac@epa.gov]; Shaikh, Taimur[Shaikh.Taimur@epa.gov]
From: Schwab, Kay
Sent: Mon 11/17/2014 2:17:17 PM
Subject: Info provided by LOOP regarding brine storage capacity

All,

See below. Sonja forwarded my questions to LOOP regarding brine storage capacity. I wanted to explore what ability LOOP has to retain brine to allow for "strategic discharges" (i.e., flow regulated, etc.) rather than "forced" discharge. Will we able to communicate back to LDEQ regarding whether or not WET testing must be required in the permit before Thanksgiving?

Thanks

K

From: Sonja Loyd [mailto:Sonja.Loyd@LA.GOV]
Sent: Monday, November 17, 2014 8:01 AM
To: Schwab, Kay
Cc: Jenniffer L. Sheppard; Michelle Bickham
Subject: FW: LOOP

Hello Kay,

Below is a response to the information that you requested in regard to LOOP. Take care

Sonja

From: Gardner-Leblanc, Cynthia [mailto:cgleblanc@loopllc.com]
Sent: Thursday, November 13, 2014 3:40 PM
To: Sonja Loyd
Cc: 'Doug LaBar' (doug.labar@c-ka.com); Gardner-Leblanc, Cynthia
Subject: RE: LOOP

Dear Sonja,

As we discussed, LOOP's brine is stored in an impervious, aboveground reservoir with a capacity of approximately 25 million barrels. The Brine Storage Reservoir has a natural clay bottom with a bentonite slurry wall constructed in the dike that ties into the clay bottom to form an impervious liner for the containment of the brine. The amount of freeboard available if the Brine Storage Reservoir was at capacity varies because the top of the dike is not level. On average, there would approximately 12 inches of freeboard if the Brine Storage Reservoir were at capacity. This has never been an issue as LOOP has a robust brine management program. Brine is critical to LOOP's operation, therefore. Is closely managed. There has to be sufficient brine available to displace the crude oil delivered from the caverns and sufficient space in the Brine Storage Reservoir for the storage of the brine displaced during receipt of crude oil into the caverns.

LOOP does not have any aboveground tanks utilized for brine storage at this time.

Please let me know if you have any questions or need any further information.

Cindy

Cynthia A. Gardner-LeBlanc

Manager Regulatory Affairs

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cgleblanc@loopllc.com

From: Sonja Loyd [mailto:Sonja.Loyd@LA.GOV]
Sent: Thursday, October 23, 2014 2:22 PM
To: 'Doug LaBar'
Cc: Gardner-Leblanc, Cynthia
Subject: LOOP

Hello Doug,

It's been a while since we've communicated. We are still in discussions with EPA and working on a path forward regarding LOOP.

On today, I received a request from EPA for the following:

(1) Confirmation on the storage capacity of the above ground brine reservoir near the Clovelly Dome Storage/Tanks. EPA staff indicated that a source cited the capacity as 25 million barrels. They also requested information regarding available freeboard and any other additional information that would be helpful in understanding the operation of the reservoir.

(2) Are there any tanks available for brine storage?

From what I recall, the brine storage reservoir is actually an impoundment (please correct me if this is not accurate). I don't recall the capacity.

Sonja