Message

From: Paddack, Mark [mpaddack@eaest.com]
Sent: 5/23/2019 11:42:22 PM
To: Shewmake, Kenneth [shewmake.kenneth@epa.gov]; Rebecca.Storms@Tceq.Texas.Gov
CC: Pereira, Stephen [pereira.stephen@epa.gov]
Subject: RE: Lane Plating RI field work status

Ms. Storms:

As requested by Mr. Shewmake, please see below a response to your questions (in red).

Thanks,
Mark Paddack
EA Project Manager

From: Shewmake, Kenneth [mailto:shewmake.kenneth@epa.gov]
Sent: Thursday, May 23, 2019 4:17 PM
To: Paddack, Mark
Cc: Pereira, Stephen
Subject: FW: Lane Plating RI field work status

Mark,

Could you respond to Rebecca's question on MW depth? Thanks.

From: Rebecca Storms <Rebecca.Storms@Tceq.Texas.Gov>
Sent: Tuesday, May 21, 2019 8:15 AM
To: Shewmake, Kenneth <shewmake.kenneth@epa.gov>
Subject: RE: Lane Plating RI field work status

Hi Kenneth,

I wanted to check-in with you on the status of the RI field work. From Mark's email below, it appears everything went well and all that is left is the groundwater sampling? That correct; EA plans to sample the wells this upcoming Tuesday and Wednesday (28 and 29 May 2019) Do you know what the final total depths of the monitor wells was? A summary for the monitoring wells is as follows:

Well ID	Screen Interval - Top (ft bgs)	Screen Interval - Bottom (ft bgs)	Total Depth (ft bgs)	Stickup (ft)	Screen Interval - Top (ft TOC)	Screen Interval - Bottom (ft TOC)	Total Depth (ft TOC)	Date	DTW
MW-01	4.5	12	12	0 (flush)	4.5	12	12	5/17/2019	1.65' (toc)
MW-02	12.5	25	25	3	15.5	28	28	5/17/2019	4.80' (toc)
MW-03	10	20	20	3	13	23	23	5/17/2019	4.8' (toc)

MW-1 was installed to a total depth of 12 feet due to encountering a competent unit (currently assumed top of the Austin Chalk) being encountered at this depth. South and immediately east of the main facility, we also encountered refusal at the soil boring locations at depths ranging from 10 to 12 feet below ground surface, but when installing MW-2

and MW-3, were able to go deeper, and installed these wells approximately 10 feet into the first groundwater bearing zone encountered. In looking at the Geologic Atlas of Texas Dallas Sheet, the Austin Chalk outcrops just north and northwest of the site, with the site being situated on terrace deposits, and alluvium occurring south and east of the site as you approach Five Mile Creek and the Trinity River. Based on the results for groundwater samples, a determination will be made as to whether or not deeper wells may be needed that will need to include surface casing in order to isolate this perched groundwater zone from deeper units.

Also, we tagged the bottom of the two hand-dug wells, each one is approximately 32 feet below ground surface.

Thanks,
Rebecca

From: Shewmake, Kenneth <shewmake.kenneth@epa.gov>
Sent: Monday, May 20, 2019 9:44 AM
To: Paddack, Mark <mpaddack@eaest.com>
Cc: Rebecca Storms <Rebecca.Storms@Tceq.Texas.Gov>; Pereira, Stephen <pereira.stephen@epa.gov>
Subject: RE:

Mark,

As long as there are no significant issues that need to be brought to my attention, I am OK with just including field notes in the data evaluation summary report. I am on travel this week so call my cell or use email if you need to reach me.

Kenneth Shewmake
US EPA, Remedial Project Manager
(214) 665-3198

From: Paddack, Mark <mpaddack@eaest.com>
Sent: Monday, May 20, 2019 9:33 AM
To: Shewmake, Kenneth <shewmake.kenneth@epa.gov>
Subject:

Mr. Shewmake:

EA was able to complete soil, sediment, and surface water sampling activities this past week, as well as develop the new groundwater monitoring wells. As we discussed this past week, EA is planning on conducting groundwater sampling the week of 27 May. I went back and checked the SOW and EA's Work Plan and Cost Estimate, and noted on the schedule of deliverables where Field Reports were originally included as deliverables. However, I wanted to confirm with you to see if you prefer to receive weekly reports, or have EA memorialize these activities in the Data Evaluation Summary Report.

When you get the chance, please let me know, and I will proceed with this matter accordingly.

Thank You,
Mark Paddack
EA Project Manager