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**PUBLIC MEETING
THURSDAY, APRIL 25, 2019
6:03 P.M. - 7:24 P.M.
KARNACK COMMUNITY CENTER
KARNACK, TEXAS**

1 (The following transcript contains
2 questions posed during presentation, by
3 individuals present at public meeting.)

4 MR. GEORGE RICE: My name is George Rice.
5 Looking at the figure against the wall
6 that shows the plumes in the Shallow Zone --

7 MR. GREGORY KELLY: Uh-huh.

8 MR. GEORGE RICE: -- it also shows an
9 area for monitored natural attenuation.

10 MR. GREGORY KELLY: Yes, sir.

11 MR. GEORGE RICE: But that doesn't cover
12 the -- all the plumes are not covered by that MNA area.
13 Could you explain why?

14 MR. GREGORY KELLY: We'll actually get to
15 that a little bit further down in the slides here; but,
16 yeah, that's -- the reason that that isn't part of the
17 MNA is because those concentrations in the wells there
18 have been shown to either be steady or decreasing over
19 time. There's kind of this trend going on. That's all
20 upgradient of where the contamination is. So,
21 historically, those concentrations haven't been
22 increasing because everything's flowing out towards the
23 bayou, so those would -- and this wouldn't come in the
24 remedial design phase.

25 But what would occur for MNA is you

1 select certain wells that you want to monitor for
2 monitored natural attenuation parameters. Those -- some
3 of those wells that are not in that boundary might
4 actually be part of the sampling program for that, but
5 they're -- we're really looking for the area that is in
6 gray; we're looking for those contaminants to be
7 dropping -- concentrations dropping over time.

8 The upgradient ones, we're -- we're not
9 seeing any increases in concentrations, so that's why
10 that MNA boundary looks like that.

11 MR. GEORGE RICE: Thank you.

12 MR. GREGORY KELLY: Does that answer your
13 question?

14 A lot of this comes down to the -- a lot
15 of this gets decided in the remedial design phase, so
16 this is kind of the 10,000-foot look at what your
17 remediation alternative is, and then you really get into
18 the nitty-gritty of it, the alternative design phase.

19 MR. GEORGE RICE: Thank you.

20 (Presentation continued, during which the
21 following question was posed:)

22 MS. JUDY VANDEVENTER: Judy Vandeventer.
23 Why weren't we given a copy of these
24 slides tonight?

25 DR. ROSE ZEILER: Why weren't you?

1 MS. JUDY VANDEVENTER: Uh-huh.

2 DR. ROSE ZEILER: Because tonight's the
3 presentation. I'm sure you can have -- are we going to
4 post those to the website?

5 MR. GREGORY KELLY: We can --

6 DR. ROSE ZEILER: Because it takes us
7 time to prepare all this.

8 MS. JUDY VANDEVENTER: Well, couldn't we
9 have had a copy of the slides, though, that he...?

10 DR. ROSE ZEILER: Well, I suppose you
11 could have. We can do that or we can load them up to
12 the website. Would that work?

13 MS. JUDY VANDEVENTER: Uh-huh.

14 DR. ROSE ZEILER: Okay.

15 MS. JUDY VANDEVENTER: But then I have --

16 DR. ROSE ZEILER: We can send her a copy.

17 MS. JUDY VANDEVENTER: I want to be sent
18 a copy than to have to print it out.

19 DR. ROSE ZEILER: Right, I understand
20 that. Okay, we'll do that.

21 Anyone else?

22 Did you want a set, too, George,
23 Mr. Rice? Does anyone else want set of the slides?
24 Okay.

25 Okay. Did you get Judy Vandeventer's

1 name? Larry.

2 And her -- we have her address, mailing
3 address, so we can just send it to her.

4 Okay, we'll get that done, Judy.

5 MS. JUDY VANDEVENTER: Thank you.

6 DR. ROSE ZEILER: All right.

7 George?

8 MR. GEORGE RICE: Yes, George Rice.

9 I have a question and then a brief
10 comment. My question has to do with where you intend to
11 use EISD. You said that was inside and outside the
12 containment area.

13 MR. GREGORY KELLY: Yes, sir.

14 MR. GEORGE RICE: On your maps here and
15 the ones you've shown, to me they all seem to be inside
16 the containment area.

17 MR. GREGORY KELLY: Yeah. They are,
18 actually, outside the linear. So this row here, here,
19 here, here, and here, those were the injection areas.
20 And, again, this is the very first phase of that, so for
21 the remedial design phase, may get shifted. This is
22 kind of the preliminary locations of the injection
23 points in the remedial design phase. That will get
24 refined, so those borders or those linear injection
25 lines could -- could be changed to better address the

1 contamination.

2 MR. GEORGE RICE: Thank you.

3 MR. GREGORY KELLY: Uh-huh.

4 MR. GEORGE RICE: And I thought -- and so
5 a quick comment. I have -- I've read the proposed plan,
6 and I've also read that other document, the one
7 associated with the site, and I've come to some
8 preliminary conclusions about it.

9 Now, when I evaluate these kind of plans,
10 I try to answer three -- there are three questions I try
11 to answer. First is, have all the contaminants been
12 identified; the second is, has the extent of
13 contamination been determined--that's both horizontally
14 and vertically--and, finally, if the proposed plan is
15 implemented, is it likely to clean up contaminants in a
16 reasonable amount of time. And my initial answers to
17 all three of those questions is yes. I think that
18 you've identified all the contaminants; you've
19 identified the extent; and as far as the cleanup plan
20 working, I am concerned mostly with DNAPL, because we
21 all -- for those of you who have been involved, you know
22 that DNAPLs are probably the most difficult thing to
23 clean up that we deal with.

24 And this technology that you plan to use
25 is new to me; but I've done a little research on it, and

1 I went looking for examples where the technology didn't
2 work, but I was unable to find an example where it
3 didn't work. It might be out there; but in all the
4 cases I've looked at, have worked, so I think it's quite
5 promising.

6 Now, I do have one criticism, though, and
7 that has to do with metals. You know, you've mentioned
8 the fact that metals are present in groundwater,
9 including arsenic and chromium; but nowhere in any of
10 the documents I've looked at does the Army explicitly
11 say "This is how we're going to clean up the metal" or
12 do they say, alternatively, like "We don't need to clean
13 up the metals in this one," you know. I think that we
14 need more explanation of what you intend to do, if
15 anything, about the metal.

16 Other than that, yeah, I think it's --
17 it's a good plan. It's a reasonable plan.

18 DR. ROSE ZEILER: Thank you.

19 MR. GREGORY KELLY: Thank you.

20 Any more comments? Questions?

21 Discussion?

22 (No response in the affirmative.)

23 MR. GREGORY KELLY: Okay. Well, I guess
24 that's a wrap.

25 DR. ROSE ZEILER: All right. Thank you

1 very much.

2 (Meeting adjourned, 7:24 p.m.)

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REPORTER'S CERTIFICATE

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I, AMANDA J. LEIGH, a Certified Shorthand Reporter in and for the State of Texas, do hereby certify that the foregoing 8 pages contain a true and correct transcription of all portions of the public meeting requested to be taken down stenographically at the time of the public meeting and transcribed thereafter to the best of my skill and ability.

Certified to by me this 25th day of May, 2019.



/S/ Amanda J. Leigh

AMANDA J. LEIGH, Texas CSR 3791
Expiration: January 31, 2021
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