

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

U.S. ARMY FORT MONMOUTH
RESTORATION ADVISORY BOARD (RAB)

IN RE: FORT MONMOUTH)
RESTORATION ADVISORY BOARD)
MEETING) TRANSCRIPT OF:
)
) PROCEEDINGS
)
_____)

Fort Monmouth
455 Wade Avenue
Oceanport, New Jersey
7:00 p.m.

Thursday, January 8, 2015

- B O A R D M E M B E R S:
- Brian Charnick
 - Richard Gruskos
 - Frank Barricelli
 - Timothy Rider
 - Wanda Green
 - James Allen
 - Linda Range
 - Joel Grimm
 - Edward Dlugosz (via telephone)
 - Dianne Crilly
- Also Present: Allyson Kriney
Jim Moore

Job No. NJ1969468

1 MR. ALLEN: I'd like to call the meeting
2 to order of the United States Army Fort Monmouth
3 Restoration Advisory Board, the RAB committee.
4 Please join me in the salute to the flag.

5 (Pledge of Allegiance.)

6 MR. ALLEN: Now, the first order of
7 business is the approval of the July 10, 2014
8 minutes. I have a copy here. I was at that meeting,
9 but there was a discussion with regard to Ms. --

10 Ed, are you prepared to present by
11 telephone your corrections to the minutes for the
12 July meeting?

13 MR. DLUGOSZ: No, but I'll send them in.
14 There's not too many. There's been some changes
15 already that I saw that help clarify it. So I'll
16 send them in after this meeting.

17 MR. ALLEN: I see. So we can't approve
18 the July 10 meeting without those adjustments, is
19 that what you're saying, or what you wish or what?

20 MR. DLUGOSZ: Well, I would go along
21 with approving the minutes. There's not going to be
22 stands of comments at this point.

23 MR. ALLEN: I don't understand that.
24 So, in a later point, you want to adjust the minutes
25 that were approved at this meeting?

1 MR. DLUGOSZ: Let's just go forward with
2 them and I'll look to approve them.

3 MR. ALLEN: You want to -- okay. So
4 we're going to approve the minutes as circulated. Is
5 that correct?

6 MR. DLUGOSZ: Yes.

7 MR. ALLEN: Okay. I'm going to put them
8 up for approval. But that's the one issue that was
9 mentioned in an e-mail to me, so I wanted to clarify
10 that. Thank you, Ed.

11 Now, the minutes you should have. Has
12 everyone had an opportunity to read them?

13 Are there any corrections? Are there
14 any additions to these minutes as it --

15 I think, Frank, you're saying "Yes"?
16 You're going to need the mike, sir.

17 MR. BARRICELLI: Okay. But remember the
18 reason we deferred the minutes was because I believe
19 it was Mr. Charnick requested the transcript, the
20 actual transcript, from the meeting, because he
21 wanted to fully capture the statements Mr. Mater
22 (phonetic) made from NJ DEP. So we forwarded that
23 transcript to Wanda. And I went through it, and
24 there's some points that should be added somewhere to
25 this presentation -- to the minutes. Because what he

1 said is important. I can read --

2 MS. GREEN: Are you saying what Brian
3 said, or what the presenter said?

4 MR. BARRICELLI: No. What Mr. Mater
5 presented. I went to the transcript, and I went
6 through the whole transcript, and I can read out what
7 I think are the points that should be captured in the
8 minutes. So what I'll be reading from here --

9 MR. ALLEN: To add to --

10 MR. BARRICELLI: Add to the minutes, and
11 where exactly I haven't quite figured out yet.

12 MR. ALLEN: The July minutes.

13 MR. BARRICELLI: The July minutes.

14 MR. ALLEN: I have a e-mail from Brian
15 that came in today and he's talking about the October
16 minutes, doing an adjustment in that e-mail. So this
17 is another issue, right?

18 MR. BARRICELLI: This is the July
19 minutes.

20 MS. GREEN: Brian did not forward any
21 comments for the July, he only forwarded for the
22 October. So, as of right now, he doesn't have July
23 comments. He had both, and he also had the
24 transcript.

25 MR. ALLEN: You got the floor, Frank.

1 MR. BARRICELLI: Okay. So I guess I'm
2 trying to find where in this presentation -- I mean,
3 the current minutes we could add a summary of the
4 most important parts of what NJ DEP presented.

5 MS. GREEN: Well, what we can just add
6 is that you're saying that Mr. Mater said "X," "Y,"
7 "Z," and that could just be added --

8 MR. ALLEN: As an addendum to the
9 minutes.

10 MS. GREEN: -- to the portion of
11 presentation itself.

12 MR. BARRICELLI: I'll read what I think
13 are important statements from the transcript to be
14 added to the minutes. And what I'm looking at here
15 is from page four, line 16 of the transcript, under
16 "Conclusions." And I'll give you this sheet of paper
17 when I'm done.

18 MS. GREEN: Okay.

19 MR. BARRICELLI: One: Levels of
20 contaminants that exceed ecological screening
21 criteria on Fort Monmouth are indicative of
22 background levels.

23 Conclusion two: There was no elevated
24 threat to ecological receptors for environmentally
25 sensitive resources on Fort Monmouth, or anything on

1 Fort Monmouth for that matter.

2 Three: No further ecological evaluation
3 was required for Fort Monmouth site.

4 Now, on page 20, line 21, the human
5 health standards are anywhere from one to four orders
6 of magnitude higher than the ecological screening
7 criteria. Okay.

8 Page 28, line six, Mr. Mater said,
9 quote, I've worked on numerous DOD sites and this is
10 by far the cleanest site that I've ever seen. It's
11 quite --

12 MR. DLUGOSZ: (Inaudible.)

13 MR. BARRICELLI: I am reading what was
14 said by Mr. Mater. Please don't interrupt me until
15 I'm done, please. Okay.

16 "I worked on numerous DOD sites and this
17 is by far the cleanest site that I've seen. It's
18 quite extraordinary, actually."

19 Okay. Then he went in and he discussed
20 the county's 20 lakes study that came out in the
21 early '90s, that started -- that triggered the
22 examination of the fish and everything else.

23 Page 29 regarding 20 lakes study. Bar
24 charts riddled with flaws. DPH, which is total
25 petroleum hydrocarbons, made to look really high but

1 at one-third level of concern.

2 Mercury, incorrect by two orders of
3 magnitude.

4 Metals in Wampum Lake is about the same
5 as other lakes and New Jersey fishery had no concerns
6 about the fish in Wampum Lake.

7 Page 31, there were no exceedances of
8 metals in sewer sludge.

9 Page 38, line 14, the lake is roughly
10 equivalent to all other lakes in New Jersey.

11 That's additions I think should be made
12 that capture what Mr. Mater said.

13 MR. ALLEN: What's the title of that
14 paper? Is there a title on the first page or
15 anything, the presentation by?

16 MR. BARRICELLI: It was Mr. Mater's
17 presentation.

18 MS. RANGE: It was the ecological
19 presentation.

20 MR. ALLEN: So what you're asking is
21 that on page six of six of the minutes of July, that
22 would be attached if there's no objection. Is that
23 what you're asking, Frank?

24 MR. BARRICELLI: Yes. That's what was
25 included in the transcript.

1 MR. ALLEN: Anyone have an objection to
2 attaching that to the page six of the July 10
3 minutes?

4 MS. GREEN: I -- it actually should be
5 on page two.

6 MR. ALLEN: All right. I take the
7 correction.

8 MS. GREEN: You asked where we have the
9 presentation, and you are adding to the notes from
10 the presentation?

11 MR. BARRICELLI: Correct. This is --

12 MS. GREEN: So it should be on page two.
13 So if someone else is reading --

14 MR. ALLEN: After what phrase?

15 MS. GREEN: It could be at the very
16 bottom, the last -- after the last bullet, where it
17 says Mr. Mater, there is a six-inch biological --

18 MR. ALLEN: I see. So that would be on
19 page two of six.

20 Any objection?

21 Okay. So, with the modified minutes for
22 July 10, should we take a vote on that? Should we
23 take a vote on that attachment?

24 MS. GREEN: I would agree.

25 MR. ALLEN: I'd ask that someone move to

1 add that to page two of six. A motion, please.

2 MS. GREEN: Rich?

3 MR. GRUSKOS: I guess we can make an
4 additional motion that the notes from the transcript
5 be appended to the Q and A that was given on page two
6 of the meeting notes.

7 MR. ALLEN: Thank you.

8 Is there a second, please.

9 MR. BARRICELLI: I can't second my own
10 addition, can I?

11 MR. ALLEN: You're not making an
12 addition. You're reading a document that was given
13 to us in a meeting.

14 MR. BARRICELLI: I'll second, if I'm
15 allowed to second.

16 MR. ALLEN: You're allowed.

17 There are no objections? Okay. All in
18 favor, please signify by saying "I."

19 BOARD MEMBERS: "I."

20 MR. ALLEN: Opposed?

21 The "I"s have it.

22 MR. DLUGOSZ: Abstain.

23 MR. ALLEN: You're abstaining?

24 MR. DLUGOSZ: Yes.

25 MR. ALLEN: It's hard to hear you. I'm

1 sorry.

2 One abstention. Thank you.

3 So, therefore, July 10 meeting addendum,
4 I need a motion to approve.

5 MR. GRUSKOS: I guess I'm the only one.
6 I would like to make a motion that we approve the
7 amended minutes for the July meeting.

8 MR. ALLEN: Is there a second?

9 MR. BARRICELLI: Second.

10 MR. ALLEN: Second by Frank.

11 Any discussion?

12 Hearing no discussion, all those in
13 favor of approval of the minutes of July 10, 2014
14 signify by saying "I."

15 MR. GRUSKOS: "I."

16 MR. BARRICELLI: "I."

17 MR. ALLEN: Opposed?

18 So ordered. The minutes have passed.

19 So that will be attached.

20 Is that right, Wanda?

21 MS. GREEN: Yes.

22 MR. ALLEN: Thank you for your help.

23 So then we go to the October 2 minutes.
24 And I believe, as I said earlier, that Brian Charnick
25 had a comment on it. Where do we go from here?

1 Is this the comment attached --

2 MS. GREEN: Yes.

3 MR. ALLEN: -- in my e-mail?

4 MS. GREEN: You want me to read it?

5 MR. ALLEN: Please, if you could.

6 MS. GREEN: Brian Charnick sent an
7 e-mail which states One important comment, correction
8 for the October minutes. I notice that in the
9 October minutes where Ed Dlugosz is quoted, the quote
10 is incorrect. It says Congress Smith rep was the
11 represent --"

12 He didn't spell that right.

13 "-- of the dog and pony show put
14 together by Mayor Tarantolo, Mr. Charnick and
15 Mr. Dlugosz."

16 And he goes on with, I guess, what was
17 said. He's saying -- what he actually said was what
18 took place was a dog and pony show for Congressman
19 Smith's representative who appeared due to the
20 efforts of Mayor Tarantolo, Brian Charnick and Ed
21 Dlugosz. If contamination is found from Wampum Lake
22 from another site, it does not exonerate the Fort
23 from doing the same thing.

24 This is what he's asking -- he's saying
25 that it was misquoted. We do have -- I just received

1 this today, so I haven't had a chance to look at the
2 transcript. I could look at the transcript and see
3 if that's correct, or I can send it to Brian to make
4 sure that he's saying the correct thing, and it can
5 be added, if you guys so vote.

6 MR. ALLEN: Well, we can't add it until
7 you've approved it or seen it.

8 MS. GREEN: Well, I can show it to you.
9 The July transcript you had. I wasn't asked to send
10 you the October transcript, so I didn't send it to
11 you. So --

12 MR. GRUSKOS: But you received that now,
13 the transcript?

14 MS. GREEN: I have the October, yes. I
15 do have the October transcript and I can take a look
16 at it, find it, and forward it to you. So --

17 MR. ALLEN: Gentlemen?

18 MR. GRUSKOS: I'm inclined, as a
19 courtesy to Brian, to say that we hold off approving
20 the minutes until they can be considered.

21 And the only question I have, just
22 because I haven't been on this committee as long as
23 some of the others, is it customary to include the
24 transcripts in any kind of public record that people
25 can read if they wish, if requested, Wanda?

1 MS. GREEN: It is available for anyone.
2 We just started this year with the transcript. I
3 didn't always have a transcriber here, because I
4 didn't have a contract means to provide that service.
5 But now we do have a contract, so, yes, it is
6 available.

7 MR. GRUSKOS: So, you know, what I'm
8 sort of suggesting is that we hold off on approval of
9 the October minutes until there's a chance to review
10 the transcript as a courtesy to Brian.

11 MS. GREEN: Okay.

12 MR. ALLEN: Go ahead, Frank.

13 MR. BARRICELLI: One question. What --
14 where does this comment apply to with the minutes?
15 Did they give you a page number and a paragraph
16 number?

17 MR. ALLEN: No.

18 MS. GREEN: No.

19 MR. ALLEN: Some comment that Mr. --

20 MR. BARRICELLI: Could we contact him
21 and see what he's commenting on?

22 MR. ALLEN: Well, it's going to have to
23 be by next meeting.

24 MR. BARRICELLI: Yeah, but right now I
25 don't think it -- I think it might be at the back.

1 MR. ALLEN: Well, again, I would just
2 like to I think the point was made that we get the
3 facts from Brian, put it all together, make it an
4 attachment in our next meeting and move forward.

5 Anyone object to that?

6 MR. DLUGOSZ: No.

7 MS. GREEN: I see what you're saying.
8 You're saying it's not even in here.

9 MR. BARRICELLI: It's -- I believe -- I
10 don't know. The only thing I can see that in is
11 under "Public comments, questions," when Ms. Breslow
12 decided to give her presentation, read her statement.
13 And that's the only other thing where I see the dog
14 and pony shows.

15 MR. ALLEN: He's saying that Ed was
16 misquoted. So I don't know where that belongs.

17 MR. BARRICELLI: Yeah, but this is the
18 only area that he addresses --

19 MS. GREEN: I believe that's it.

20 MR. ALLEN: I believe Wanda is going to
21 reach out for Brian.

22 MS. GREEN: I'm going to get the
23 transcript of October and I'll give that information
24 to you guys.

25 MR. ALLEN: Mailed out to all of us so

1 that in our next meeting we'll be able to discuss it
2 at that time for the approval of the October 2
3 meeting. At this point in time, we're tabling that
4 meeting. Any objection of the minutes?

5 Doug?

6 MR. DLUGOSZ: No.

7 MR. ALLEN: October 2 meeting minutes
8 have been tabled.

9 Going to the agenda. Presentation by
10 Allyson Kriney.

11 MS. KRINEY: Kriney.

12 MR. ALLEN: Thank you. Sorry about
13 that. Allyson, it's all yours. Do you have a mike
14 over there?

15 MS. KRINEY: It's over there.

16 MR. ALLEN: It's all yours.

17 For the record, would you state your
18 name and the project you're working on.

19 MS. KRINEY: Allyson Kriney with
20 Parsons.

21 MR. ALLEN: Thank you.

22 MS. KRINEY: Who's got the clicker? Ed,
23 do you have the clicker?

24 MALE SPEAKER: As far as -- I can
25 advance on the slide.

1 MS. KRINEY: I'll tell you when.

2 MS. GREEN: Steve will change it when
3 you need it.

4 MS. KRINEY: So the two things we're
5 going to discuss in this presentation are the 2014
6 long-term ground water sampling results which, for
7 the purpose of this presentation, is just going to be
8 the first and second quarter results. And we're also
9 going to discuss the Fort Monmouth 54 no further
10 action request for ground water to the DEP.

11 Next.

12 The agenda we're going to cover: The
13 ground water sampling schedule and methods, the sites
14 we sampled, FTM 54 NFA request to DEP, and follow-up
15 with any questions.

16 Next.

17 I'm going to try and not fumble through
18 all of this, and I'm not going to read what's in the
19 parentheses. So if anyone wants me to go through
20 anything further.

21 So the ground water sampling schedule
22 and methods. In 2014, we sampled quarterly in March,
23 June, September and December, based on what was
24 recommended in the 2013 baseline sampling report.

25 The quarterly sampling was completed at

1 FTM 22, 53 and 68.

2 In addition to the quarterly sites, we
3 also did annual sampling, which was completed during
4 the fourth quarter of 2014. And that was at FTM 2,
5 3, 5, 8, 18, 54, 56, 57, 58, 59, 61, 64 and 66.

6 Next.

7 The samples we collected at the site
8 were on a quarterly basis, and they were analyzed for
9 VOCs. The additional sites were also sampled -- or
10 sorry. The annual sites were also sampled for VOCs,
11 SVOCs, metals, and some of the sites for pesticides.

12 The data in this presentation is solely
13 what was collected during the first and second
14 quarters. The third quarter report is still under
15 review by the Army. And the fourth quarter data has
16 not been received yet.

17 The sampling was completed by low-flow
18 purge and also by passive diffusion bags when just
19 VOCs were analyzed for.

20 Next.

21 This is the map of CWA-1. It's a little
22 hard to see. The purple dots that are larger in the
23 center of the screen are the three wells where there
24 were exceedances detected. In this case, it was TCE
25 that was detected in monitoring well CW1MW29, -31,

1 and -281. And they were above the ground water
2 quality standard of one microgram per liter. The
3 ranges in those wells was from 5.1 micrograms per
4 liter to 14 micrograms per liter.

5 Next.

6 The next site was the former gas station
7 at building 699. Again, the purple dots in the
8 middle, the three locations that had exceedances.
9 There was exceedances for Benzene in three wells:
10 699RW03, 699RW05, 699RW11. For one, two, trimethyl
11 benzene, there was two exceedances: One was in
12 699RW03. One was in 699 RW05. And let's see. 1, 3
13 trimethyl benzene was exceeded in 69RW05. And total
14 xylenes exceeded in one well, which was 69RW05. And
15 those were, again, detected above the ground water
16 quality standards in the first and second quarters.

17 Next.

18 MR. ALLEN: Ed, can you hear this?

19 MR. DLUGOSZ: Yes, but she's going
20 fairly fast.

21 MR. ALLEN: Well, there's a document
22 here explaining it, an exact copy, which you'll
23 receive after the meeting.

24 MR. DLUGOSZ: I'm putting on ear phones
25 to see if that can help.

1 MS. KRINEY: Do you want me to bring the
2 phone up here? Would that help?

3 MR. ALLEN: I didn't hear what you said.

4 MR. KRINEY: Should I bring the phone up
5 here? Would that help?

6 MR. ALLEN: I think that might help,
7 yeah.

8 We're going to move the phone up here
9 towards the mike.

10 MS. KRINEY: Okay. So this goes into
11 more detail of what was just paraphrased on the page
12 before. Benzene was detected above its ground water
13 quality standard of one microgram per liter in two
14 wells and ranged from about 2.8 micrograms per liter
15 to 11 micrograms per liter. And there's the two
16 wells in parentheses.

17 1, 2, trimethyl benzene was depicted
18 above its ground water quality standard of 100
19 micrograms per liter at detections ranging from 110
20 micrograms per liter to 790 micrograms per liter. 1,
21 3 trimethyl benzene was detected above its ground
22 water standard of 100 micrograms per liter. And it
23 was only detected in the first quarter at a detection
24 of 160 micrograms per liter.

25 Total xylenes was detected again, only

1 in the first quarter, and it was above ground water
2 quality standard of 1,000 micrograms per liter, a
3 detection of 2,400 micrograms per liter.

4 This is the former dry cleaner UST.
5 There was only one exceedance, or one well with
6 exceedances at this location. 1, 1-Dichloroethene,
7 cis-1, 2-Dichloroethene, trichloroethene, which is
8 TCE, Tetrachloroethane, which is PCE, and vinyl
9 chloride were detected above the ground water quality
10 standards during the first and second quarters.

11 Next.

12 In more detail of what I just showed
13 you, 1, 1-Dichloroethene was detected above its
14 ground water quality standard of one microgram per
15 liter. It ranged from 2.1 to ten micrograms per
16 liter.

17 Cis-1, 2-Dichloroethene was detected
18 above its ground water quality standards of seven
19 micrograms per liter, and it ranged from the 120
20 micrograms per liter to 270 micrograms per liter.

21 TCE was detected above its ground water
22 quality standard of one microgram per liter, and it
23 ranged from 42 to 230 micrograms per liter.

24 PCE was detected above its ground water
25 quality standard of one microgram per liter and it

1 had ranges from 350 to 1,800 micrograms per liter.

2 And vinyl chloride was detected above
3 its ground water standard of one microgram per liter,
4 and it ranged from five micrograms per liter to 18
5 micrograms per liter.

6 Okay. This is -- that's the end of the
7 ground water results. This slide and the next slide
8 will focus on the NFA requests that was sent to the
9 DEP.

10 The figure shows the red dashed line.
11 If you can see it, the red dashed line through the
12 center, that's FTMM54. There's a larger area, the
13 triangular portion on top of it, that is FTM54. So,
14 in essence, FTM54 jets into FTM18. Just so you
15 understand this presentation.

16 MR. DLUGOSZ: That's just -- near the
17 building 283 area.

18 MS. KRINEY: Yeah. I can't see the
19 numbers from here, but yes.

20 Okay. So, on December 1 Fort Monmouth
21 submitted a request for an NFA for ground water to
22 the NJ DEP for FTM54, which is the former fuel
23 distribution facility.

24 FTM54 included the former underground
25 storage tank area, which is the UST; the area south

1 of building 296; and the fuel distribution piping
2 that extended to the north into the western portion
3 of 18, which is the red line that extends north.

4 Next.

5 In the request, this is the information
6 that we outlined. The quarterly ground water
7 monitoring that have been performed at this area for
8 seven monitoring wells began back in June of 1997 and
9 continued up to August of 2011. In August of 2013,
10 the ground water sampling was reestablished for a
11 baseline condition following the temporary suspension
12 back in 2011.

13 From the result, only one VOC, which was
14 benzene, exceeded the ground water quality standard
15 in one of the wells, which was 296MW06, which is
16 located in the middle of the footprint of FTMM18.

17 The VOC exceedance is attributed to
18 releases at FTM18, which is spills that occurred
19 during fueling generators to support field exercises
20 and not anything associated with activities in
21 FTMM54.

22 VOCs in well 296MW06 will be
23 administratively addressed under the RI/FS report for
24 FTMM18.

25 And the full RI/FS report for FTMM54

1 will be submitted to NJ DEP at a later date.

2 MR. ALLEN: Thank you. Good report.

3 Are there any questions?

4 MS. GREEN: Jim, could you turn the
5 light on, please?

6 MR. GRUSKOS: Just so I understand, no
7 further action on the ground water is limited to the
8 area surrounding, if I can remember the designation
9 that you gave it. But that part of it is really
10 limited to that section?

11 MS. GREEN: Yes. Near building 296.

12 MS. RANGE: It hasn't been issued yet.

13 MR. GRUSKOS: No. I was thinking that
14 would have been a request.

15 MS. GREEN: It's a request, yes.

16 MR. GRUSKOS: The other question I have
17 is, just, is there's a number of exceedances on these
18 test wells and it was my understanding that as the --
19 I don't want to say the problem wells were the ones
20 being targeted in 2014, you know, whatever wells
21 historically had been problematic were the ones being
22 tested in these quarterlies. Is that a true
23 statement?

24 MS. GREEN: No. For each site, you have
25 a set of wells that are sampled. Whether or not it

1 was previously a well that had an exceedance or not
2 isn't what determines it. We sampled all of the
3 wells that were for that particular site. We're just
4 mentioning the wells that have exceedances.

5 MR. GRUSKOS: And, then the other thing,
6 that is, when we started talking about, like, the
7 sampling bags compared to low flow, was there any
8 comment on that from the report? Because I notice
9 that both types were mentioned, as I understood the
10 presentation.

11 MS. GREEN: What do you mean?

12 MR. GRUSKOS: What I wasn't sure was
13 both the low flow and the bag being checked, or just
14 one well had only low flow, some other wells had a
15 bag. Is there any comments on that?

16 MS. KRINEY: Yes, there are two
17 separate. Low flow sampling can be done for
18 metals --

19 MS. GREEN: I need you back at the mike.

20 MS. KRINEY: Okay. So low flow sampling
21 can be done for metals, pesticides, VOCs, what have
22 you. A more standard method that we use, passive
23 diffusion bags can be much cheaper, but you can only
24 use them for VOCs.

25 MR. DLUGOSZ: Is she speaking into the

1 microphone?

2 MR. ALLEN: Your phone has been moved
3 back here again, Ed. Did you hear Richard's
4 comments?

5 MR. DLUGOSZ: I heard Richard's
6 comments, but I can't hear the young lady's.

7 MR. ALLEN: Thank you. We're trying to
8 get it back there.

9 MS. KRINEY: Can you hear me now, Ed?

10 MR. DLUGOSZ: Yes.

11 MS. KRINEY: So what I had said was low
12 flow sampling was done when we're sampling parameters
13 that are more than just VOCs. So metals, pesticides,
14 particularly metas, PCs, that type of thing, passive
15 diffusion bags are used because they tend to be a
16 less expensive method, but you can only sample for
17 VOCs with them.

18 MR. DLUGOSZ: Good. And that's what we
19 would were told, and I looked that up and that's
20 correct.

21 MR. GRUSKOS: Okay. The other question,
22 if you could just stay there for minute. You
23 mentioned that some of the wells, a sample might have
24 what appeared to be somewhat significant compared to
25 the ground water standard exceedances in only one

1 quarter out of -- it wasn't like something where you
2 could repeat it, quarter after quarter after quarter.
3 And I'm wondering if you have any comments on that.

4 MS. KRINLEY: It just means that it was
5 detected in the first quarter, but it was not
6 detected -- other than exceedances, it was an
7 exceedance in the first quarter and not an exceedance
8 in that same well in the second quarter.

9 MR. GRUSKOS: I was just wondering what
10 causes that. Was remediation going on, or it just
11 happens randomly?

12 MS. KRINEY: It happens sometimes
13 depending on seasonality, it wasn't anything --

14 MS. RANGE: It could be the ground water
15 table went up or down. It could be any number of
16 reasons, that's why we require repeated sampling.

17 MR. GRUSKOS: And then on some of these
18 ones, where you're mentioning the ranges relative to
19 the ground water standard, I'm just wondering, like,
20 what would be considered normal actions to take when
21 you have exceedances on these? I just need a general
22 understanding more than anything else, so --

23 MS. RANGE: You mean what would trigger
24 further action?

25 MR. GRUSKOS: Yeah. Like, for example,

1 if you're -- you can have, like, a quarter where you
2 have exceedances, another quarter that you don't, is
3 that something you kind of monitor to decide for that
4 particular area to see if a pattern occurs?

5 MS. RANGE: And how much of an
6 exceedance is it? Is the pattern increasing? Is the
7 pattern decreasing? If it is increasing, is it
8 substantially increasing? Should we be concerned and
9 should it trigger an action? Yeah.

10 MR. GRUSKOS: So I'm just trying to
11 understand an interpretive statement that we've seen
12 on the various Benzene compounds and such. So I was
13 just trying to understand that part. So you got
14 variation in ground water, you might see seasonal
15 variation just with the water table or something --

16 MS. RANGE: Absolutely. Yeah.

17 MR. GRUSKOS: -- to that effect. Okay.
18 Thank you.

19 MR. ALLEN: Thank you, Richard. Some
20 good questions.

21 We need to have Ed brought back.

22 MS. KRINEY: Here's Ed.

23 MS. GREEN: Does the public have any
24 questions?

25 MR. ALLEN: Now?

1 MS. GREEN: No?

2 MR. ALLEN: Later on, yeah.

3 Okay. Well, no, Wanda, I think you're
4 up.

5 MS. GREEN: As promised, I will discuss
6 the status of the REP program. It has not changed.
7 What has happened is the legal office of our
8 headquarters have met with the PHC, the Preventive
9 Health Command. As I stated last meeting, that we
10 are now required to have the Preventive Health
11 Command to review all of RI/FS documents that we are
12 bringing -- that we're trying to publish. And there
13 is a lot of conflict based on CERCLA requirements and
14 state requirements. We have written documents for
15 state approval, but there is some conflict in state
16 requirements, as I said, with CERCLA in that the PHC
17 were asking us to perform full-blown risk assessments
18 that we felt was unnecessary because we have over 15
19 years of data that we already have available. So
20 they are still working things out. We are getting
21 closer. They have decided to have a boilerplate type
22 of document that we're going to present to you,
23 present to the public also, initially, for all of the
24 landfills. So that is our priority now to do the
25 landfills first. And we're getting real close. They

1 did have a special meeting in D. C. regarding this,
2 and we do have a, like I said, a boilerplate document
3 that they are reviewing. And, hopefully, by the next
4 meeting in April I'll have more news regarding that.
5 But we have not submitted any additional reports to
6 the state on any of the sites. The one thing we do
7 have coming up, and it may be published today, I
8 forgot to check just before I came to the meeting, is
9 a FOSL finding of suitability to lease for the 900
10 area, which includes buildings 900, 914, 915, 916,
11 and I believe 917. There's a FOSL that has a
12 seven-day public review and it should be --

13 MR. GRUSKOS: I don't mean to interrupt
14 you, but since we have members of the public here, if
15 you could just, with your abbreviations -- you just
16 mentioned finding suitability --

17 MS. GREEN: That's what I said, finding
18 suitability to lease.

19 MR. GRUSKOS: With the other ones you
20 mentioned, RI/FS, just would sound better.

21 MS. GREEN: Remedial Investigation
22 Feasibility Study is an RI/FS.

23 MR. DLUGOSZ: Wanda, are the buildings
24 there --

25 MR. ALLEN: We can't hear you.

1 MR. DLUGOSZ: The buildings in that
2 area: 915, 914, I worked in them. They're all old
3 barracks buildings. Are they going to be reused or
4 is the property going to be raised and other things
5 being put there?

6 MS. GREEN: It's a lease, so it will be
7 reused. It's currently -- I believe it's going to be
8 a lease to the Ocean County -- I don't know if it's
9 public works or their police department -- I mean,
10 Ocean --

11 MR. ALLEN: Monmouth, no.

12 MS. GREEN: Oceanport. Sorry. But this
13 is a lease that has -- it's a draft form that you
14 have seven days to review. If it's not up today, it
15 should be up tomorrow on the website.

16 MR. DLUGOSZ: Where is that going to be
17 available?

18 MS. GREEN: On the website that's on the
19 agenda. The pica website that's listed on the
20 agenda.

21 MR. DLUGOSZ: Okay. Thank you.

22 MS. GREEN: Www -- you have it?

23 The transcriber was asking me, Ed.

24 MR. DLUGOSZ: I'm sorry.

25 MS. GREEN: That's okay.

1 Are there any other questions?

2 MR. GRUSKOS: Just one. So you're
3 saying now that this public health command review,
4 that's something new that hasn't been done before.
5 It's something they're starting up as part of a more
6 complicated review process that the Army's doing.

7 MS. GREEN: Well, it should have been
8 performed in the past. In the past, Fort Monmouth
9 just worked strictly with the state because the state
10 requirements are more stringent than the CERCLA
11 requirements. The CERCLA is federal and the state is
12 more stringent, so that's what in the past Fort
13 Monmouth worked with. So but now, because we are
14 transferring the property, our headquarters in the
15 Army is saying you should have been following CERCLA.
16 And CERCLA, we actually wouldn't have had to perform
17 most of the work that we have performed in the past,
18 or it would have ended much sooner. As I said
19 before, we have over 15 years -- well, now 20, since
20 this is now 2015, years of data. And in a lot of
21 cases, we would not have had to continue sampling.
22 Because the levels did not show a risk. So that's
23 where there's some --

24 MR. GRUSKOS: I'm just wondering, with
25 the public health command, are they using CERCLA as

1 their basis then?

2 MS. GREEN: Yes.

3 MR. GRUSKOS: So it's not yet another
4 standard, it's just they're just a reviewing
5 authority, in a sense, to the Army?

6 MS. GREEN: Correct.

7 MR. GRUSKOS: And maybe, if I could just
8 have a question to NJ DEP. So is there, like, a
9 comparison that's available publicly what's different
10 between New Jersey DEP and CERCLA that's available?

11 MS. RANGE: Not that I'm aware of.

12 MR. GRUSKOS: So these points are kind
13 of -- like, have to be reviewed by whatever --
14 negotiation as part of -- or maybe I shouldn't say
15 that. As NJ DEP finds problems from NJ standard,
16 they make the Army aware of here's another deviation
17 between or difference between you and us. Is that
18 how the process works?

19 MS. RANGE: I don't really pay attention
20 to CERCLA. I want to know whether my regulations
21 have been adhered to.

22 MR. GRUSKOS: Just want to quite
23 understand that part of it.

24 MS. GREEN: And that's where the problem
25 is, because the Army is saying that we have to follow

1 federal regulations, and we aren't -- we don't
2 necessarily have to follow state in some situations,
3 because we federal have said that there is no risk.
4 So why do we have to continue doing a particular --
5 it may be monitoring natural attenuation or perform
6 some type of remedial action when federal regulations
7 say that you aren't required to. The problem is
8 because we are trying to transfer -- we are trying to
9 get NFAs from the state. The state will say, "I
10 don't care if you have CERCLA. I don't care if
11 you're following CERCLA. You must follow state
12 regulations or else I will not give an NFA." So
13 that's where this stands.

14 MS. RANGE: Exactly.

15 MR. DLUGOSZ: Wanda?

16 MS. GREEN: Yes.

17 MR. DLUGOSZ: What did the EPA confirm
18 from participating and gave that authority to the
19 DEP --

20 MS. GREEN: Yes.

21 MR. DLUGOSZ: -- for just the reasons
22 that were mentioned before, that they're stricter
23 standards?

24 MS. GREEN: Yes, but CERCLA isn't EPA
25 enforced. So even though they -- they have declined

1 just to be on this RAB, it does not force the legal
2 office to now not look at the CERCLA federal regs.

3 MR. GRUSKOS: Just one other point.
4 This is my understanding, like, let's say when Fort
5 Monmouth was active, you were doing a lot more work
6 as good citizens -- or, I'm not quite sure how to
7 phrase that -- and that's the part that after the
8 base was deactivated that becomes an area of concern
9 saying why did you do that? Because you were doing
10 good environmental citizenship while the base was
11 active. And, perhaps, I'm not quite sure how they
12 would choose to phrase that. But they're not
13 required under CERCLA to continue in that pattern
14 that's established.

15 MS. GREEN: Exactly. And that is why
16 you will see that I was not given funding in 2011
17 when we closed. You will see that we started -- we
18 didn't start sampling again until 2013 because my
19 headquarters in D. C. said show me your CERCLA risk
20 assessments. And there wasn't any performed here.
21 So that's --

22 MR. GRUSKOS: That's where that whole
23 review -- so after the base closure, let's say, some
24 of the CERCLA requirements or risk assessments, so
25 on, had to be created at that -- after that decision

1 was made.

2 MS. GREEN: That's where we are now.

3 MR. GRUSKOS: Okay.

4 MR. ALLEN: Any other thoughts on item
5 four?

6 MR. DLUGOSZ: No.

7 MR. ALLEN: Wanda?

8 MS. GREEN: No.

9 MR. ALLEN: Are you finished?

10 MS. GREEN: Yes.

11 MR. ALLEN: Item number five has to do
12 with the Landfill Terrain Walk.

13 Frank.

14 MR. BARRICELLI: Yeah. Last RAB I
15 mentioned that previously we had been told that
16 there's going to be additional two feet of fill added
17 over the landfills, and then vegetation planted over
18 that. And, from what we were briefed, it sounded
19 like it was grass. Back when we first started the
20 RAB, those of us who took the walk saw that Fort
21 Monmouth had done a different approach for vegetation
22 when they had the property, and planned to stay there
23 I assume, that part of the landfills were totally
24 wooded and some were called high grass meadows,
25 meadows that supported a different vegetation and

1 therefore different animal life. The diversity is
2 something they were encouraging. Now, what I
3 understand is when they start to prepare for the
4 addition of two more feet of cover, ground cover,
5 soil, that they're going to bulldoze, basically, all
6 the landfill cover and then add the two feet that
7 will include six inches of topsoil and probably seed.
8 And the point I was raising was whether the towns who
9 get to comment on that plan liked that approach or
10 would they like a different approach for the
11 vegetation? And so I drafted up a short memo to
12 Wanda that I said I would do at the last RAB. But
13 the problem is the more I read it and try to figure
14 out what FMERA is doing, I don't know if this is
15 really a RAB issue or a FMERA engineering advisory
16 committee item. Because the -- if you see -- I'm not
17 sure what Fort Monmouth did to have forest in one
18 place and high grass meadows, whether it was
19 something you planted or went through some action to
20 have that, if that just happened naturally.

21 MS. GREEN: It was.

22 MR. BARRICELLI: That's really the only
23 thing that would create a high grass, periodically
24 mowed down any trees so they couldn't get established
25 and shade the grasses. Well, that turns out to be

1 more after a FMERA problem because it's long-term
2 maintenance of when that property that's going to be
3 carved out and transitioned to whoever takes over the
4 property.

5 MS. GREEN: So my understanding is you
6 actually wanted to do the terrain walk so that you
7 can be better educated when you make your -- I mean,
8 have your review of the --

9 MR. BARRICELLI: Correct. The towns get
10 to comment on the plan for that effort to re -- to
11 add to landfill on top of it -- to add the cap on top
12 of the landfills. And I thought it would be good if
13 we had people from the municipalities who were in
14 charge of parks and rec and that type of thing look
15 at that site, see what exists today and see if that's
16 what they would like replicated in the ultimate, you
17 know, Fort Monmouth redevelopment as opposed to just
18 a grass lawn where the Canadian geese have a good
19 time, because we all have a Canadian geese problem in
20 the waterways. The more I look at the problem, it
21 doesn't seem to be a RAB issue. It almost seems like
22 it should be FMERA doing this, because they're the
23 ones who ultimately decide what happens along the
24 stream banks. The vegetation is something that has
25 to be maintained by the person who ultimately gets

1 the land, not the person who's selling the land. So
2 now I'm wondering if I even should have brought this
3 up in the first place, because I'm not sure what
4 FMERA's plans are. FMERA has changed from what
5 FMERPA plans were. Initially, I thought the landfill
6 areas belonged to the county, become county park
7 land. And I'm not sure that's what's planned
8 anymore. So I'm not sure who the ultimate owner of
9 those landfills will be. So it's a very muddled
10 situation because I'm not on the FMERA environmental
11 committee.

12 MR. ALLEN: Frank, excuse me. Rich has
13 a question.

14 MR. GRUSKOS: Just a couple of
15 questions. After that last meeting, because Wanda
16 did offer -- someone wanted to take a tour that it
17 would be arranged. Now, I have asked the
18 environmental group in Oceanport if they're
19 interested. They are interested. Just because a lot
20 of them don't necessarily have a long history
21 knowledge of what's on the Fort property. It was
22 always behind locked gates and so they are interested
23 in taking a walk. You know, through a lot of it is
24 the water, with the river, they have asked for that
25 and I told them I would bring that up again. It was

1 on the agenda. So they would like to just do that.

2 Progressively --

3 MR. DLUGOSZ: With the Eatontown
4 commission, it -- that they would like to take the
5 walk also. I think last time, Rich, they also talked
6 about some of the uneven ground, especially on M8.

7 MS. GREEN: Can you let him finish?

8 MR. DLUGOSZ: I'm sorry. I thought he
9 did.

10 MS. GREEN: No.

11 MR. GRUSKOS: So there is an interest in
12 doing that. And I realize that towns individually
13 might have other areas of concern as you move --
14 because it is a large base. But the point that I was
15 trying to make is it was my understanding that the
16 RAB was kind of a community outreach public relations
17 more so than the FMERA. I had a feeling this was
18 better suited -- as something to be done by RAB
19 myself just in terms of the walk through, if that can
20 be arranged. The discussion was to wait until the
21 foliage had dropped just because it's going to be
22 easier to see. I think that was sort of discussed a
23 little bit.

24 MR. ALLEN: Rich, are you finished?

25 MR. GRUSKOS: Yes.

1 MR. ALLEN: Go ahead, Ed. And then we
2 go back to Frank.

3 MR. DLUGOSZ: I agree with Rich and we
4 both apparently went back to our prospective groups
5 and, when talked about a terrain walk, they were in
6 favor of it. Because most of my guys are new and
7 haven't been able to attend the first one back in
8 2007, 2008. We also talked about some of the,
9 perhaps, sinkholes that were foreseen in the past and
10 how that was going to be dealt with, I think in the
11 October -- October minutes, it talked about that. So
12 I would just like to second Rich's request for a
13 terrain walk regardless of who's the final arbiter of
14 what the use of the land is or how it's used.

15 MR. ALLEN: Is that it, Ed?

16 MR. DLUGOSZ: Yes.

17 MR. ALLEN: I'd like to go back.

18 Frank, the purpose of your comments are
19 to do what? What do you want to do?

20 MR. BARRICELLI: I did draft up a short
21 memo because short is also best.

22 MR. ALLEN: You want to put it on the
23 record?

24 MR. BARRICELLI: I'll read it, and I'll
25 give you a copy. "Subject, tour of Fort Monmouth

1 landfill areas at the July 10, 2014 Restoration
2 Advisory Board, RAB, meeting. Members were advised
3 that funding would be provided for landfill design
4 and construction. As part of that effort, a remedial
5 action work plan will be prepared and made available
6 for public comment.

7 "In order to better prepare for public
8 review and comment, it is requested a tour of the
9 landfill areas be provided to members of the RAB,
10 members of the FMERA environmental advisory
11 committee, representatives of the affected
12 municipalities recreation committees, NJ DEP and
13 municipal mayors and/or council members. It is
14 expected approximately 20 persons would attend the
15 tour.

16 "Of special interest is the plan for
17 final vegetation coverage of the landfills. Current
18 vegetation coverage is a mix of mature forest growth
19 and high grass meadows that was implemented by the
20 Fort Monmouth environmental team. That coverage
21 provided a varied habitat for wildlife as well as
22 nature trails.

23 "The tour will be provided -- will
24 provide the public with an understanding of that
25 existing coverage since it will be cleared as part of

1 the landfill construction."

2 That's the end of the memo I had
3 drafted. If you think changes are required, I will
4 gladly make changes.

5 MR. ALLEN: Question? Do you want to
6 put that on the record? Do you need a vote to do so?

7 MR. BARRICELLI: No.

8 MR. ALLEN: Any comment on Frank's
9 memorandum for the record?

10 MR. DLUGOSZ: I'd like to agree with
11 what Frank wrote there. I think that's more than
12 sufficient.

13 MR. ALLEN: So, with that discussion, I
14 think we'll put it on the record and we'll act upon
15 it in the future.

16 Is that right, Wanda?

17 MS. GREEN: Yes.

18 MR. ALLEN: We agree. You want to go by
19 vote? I'll be happy to call a vote. You want a
20 motion to --

21 MR. BARRICELLI: (Nodding head.)

22 Okay. I make a motion that the RAB
23 provide this to Wanda Green for her review and
24 response.

25 MR. ALLEN: I'll second the motion.

1 MR. DLUGOSZ: I'll second it.

2 MR. ALLEN: All right. Ed is up.

3 MR. DLUGOSZ: I second that motion.

4 MR. ALLEN: All right. Any discussion
5 with regard to the memorandum or the motion?

6 Hearing none, all those in favor of
7 submission of this document from Frank Barricelli --

8 MR. BARRICELLI: From the RAB, actually.

9 MR. ALLEN: From the RAB committee,
10 you're correct.

11 -- signify by saying "I."

12 MR. DLUGOSZ: "I."

13 MR. BARRICELLI: "I."

14 MR. ALLEN: Opposed?

15 So ordered. Okay. Thank you.

16 Anything else under that? That's it for
17 item number five? Frank, that's it?

18 MR. BARRICELLI: Yeah.

19 MR. ALLEN: Item six, round table
20 discussion. Do we have one?

21 MR. BARRICELLI: Well --

22 MR. ALLEN: Go ahead.

23 MR. BARRICELLI: Okay. I got some
24 additional information on Metallurgical Industries.
25 Only two weeks ago, I was perusing the internet and I

1 found something from the University of Akron Law
2 School. Part of their course was a case study of a
3 case done down in Texas where Metal -- Metallurgical
4 Industries sued a furnace company named Fourtek. The
5 interesting thing about the case, it's the
6 Metallurgical Industries in the case was in Eatontown
7 and what their suit was about was an infringement on
8 intellectual property of a new process to reclaim
9 tungsten carbide from drill bits. These are not
10 little twist drill bits. These are the drill bits
11 used in oil rigs. They're very big, expensive items
12 with lots of tungsten carbide, a very expensive
13 metal. If you remember, Metallurgical Industries sat
14 on a street called Cold Stream Way. That cold stream
15 referred to the process they had developed to shatter
16 the tungsten carbide drill bits using high pressure
17 and water to assist in the recovery of that material.
18 That process was -- became kind of obsolete by a new
19 process that used zinc in a high pressure -- high
20 temperature furnace. Zinc was actually vaporized and
21 passed over the carbon tungsten carbide drill bits
22 which caused them to shatter. And so Metallurgical
23 Industries started using that process and actually
24 modified the furnaces to improve their performance.

25 The reason I'm mentioning this is when I

1 first started looking at this whole thing about
2 contamination in the brook that flows through Fort
3 Monmouth into Eatontown's Wampum Lake, the one
4 element that the county representative, Mr. Simmons,
5 mentioned was zinc. He was very concerned about the
6 high levels of zinc. And, in all my studies and
7 research that I did, I couldn't find out where zinc
8 came from, and it was very interesting that two weeks
9 ago this -- I find this court case where
10 Metallurgical Industries was using zinc to a high
11 degree in a vaporized form that possibly could have
12 contaminated the brook. So this was one of the
13 elements that I could not locate before and this
14 looks like it attributes it to Metallurgical
15 Industries.

16 Another article I found two weeks ago
17 concerns a lawsuit that was just at Monmouth County,
18 just settled in September 2014. And it was the
19 property owner of where Metallurgical Industries
20 buildings was located. If you remember, the
21 Metallurgical company did not own the land. They had
22 the building. So the property owners sued
23 Metallurgical Industries for the costs of
24 environmental clean up because Metallurgical
25 Industries went bankrupt and disappeared in 1993.

1 That was settled in September for 2.55 million
2 dollars.

3 Let me see. 1.26 million of that was
4 the remediation cost, and 1.13 was litigation costs.
5 So that case has been settled. And it was not
6 Metallurgical Industries who actually has to pay the
7 money, it's their insurer, since Metallurgical
8 Industries doesn't exist anymore.

9 So that's two facts that I found just
10 two weeks ago concerning the company that I mentioned
11 back in July that was possibly the source of heavy
12 metals in Wampum Brook. That's all I have.

13 MR. ALLEN: Very good research. There
14 may be some comment from the public on that.

15 That's it at this time?

16 MR. BARRICELLI: Yeah.

17 MS. GREEN: You --

18 MR. ALLEN: Want to say something?

19 MS. GREEN: No.

20 Ed, do you have a round table comment?

21 MR. DLUGOSZ: Not at this point, no.

22 MS. GREEN: Okay.

23 MR. ALLEN: Move on to item number
24 seven, which is discussion of the minute -- the
25 meeting dates for the year 2015, April the 2nd, July

1 9th, October 1st. And there's a comment in there
2 with regard to the e-mail address for the RAB
3 information and the Fort information.

4 If no objects, I'll open up the meeting
5 now to the public. Once again, remind all are
6 welcome to speak not to exceed five minutes, and
7 there is one person who signed up and that is Sarah,
8 Sarah Breslow.

9 MS. BRESLOW: Yes.

10 MR. ALLEN: Ms. Breslow, would you state
11 your name for the record, please.

12 MS. BRESLOW: Sarah Breslow from
13 Eatontown.

14 Just a couple of things. Which methods
15 are being done to record minutes? We have
16 transcription, note takers, and is it being recorded
17 as well?

18 MS. GREEN: Yes.

19 MS. BRESLOW: Three ways. So the part
20 that Mr. Charnick had written in about did apply to
21 comments that I made and which were recorded in
22 exactly the opposite of what I said. So how is that
23 possible when you have three different ways of
24 recording what is being said? And what was said was
25 very serious, accused three people of something that

1 they were not guilty of and it was exactly the
2 opposite of what my comments were. And it is a
3 serious thing. It's not the first time the minutes
4 have been changed or adjusted. So I don't understand
5 how, with all three methods, you would have gotten
6 this entirely wrong.

7 Secondly --

8 MR. ALLEN: You said Mr. Charnick.

9 MS. BRESLOW: Yes.

10 MR. ALLEN: The correspondence in
11 regards to that --

12 MS. BRESLOW: The comments that he said
13 in --

14 MR. ALLEN: Let me finish, ma'am,
15 please.

16 The only comment I have is Ed Dlugosz's
17 comment.

18 MS. BRESLOW: It wasn't Ed's comment, it
19 was mine.

20 MR. ALLEN: I wasn't at that meeting.
21 Fine.

22 MS. BRESLOW: It was the comment about
23 the dog and pony show was regard to that Congressman
24 Smith's representative was only here from the efforts
25 of Mayor Tarantolo and Ed Charnick -- Ed Dlugosz and

1 Brian Charnick. And, instead, they were being
2 accused of doing the dog and pony show, which was
3 totally not that they were in part.

4 And the other thing, this report,
5 there's no way the general public can understand what
6 this is. I request that a TAPP be applied for so
7 that somebody can explain these testing methods, the
8 results, what remediations have been, done to the
9 public because there's no way the public can do
10 oversight on this. And since obviously it says that
11 this information is going to go through the Army,
12 nobody knows what that means at the end since the
13 Army has changed other facts and figures before as
14 well.

15 And, as to what Mr. Barricelli just
16 finally said, that he thinks he has just found the
17 missing link to the zinc that attributes to
18 Metallurgical Industries, absolutely none of that is
19 science that has anything to do with what's in Wampum
20 Lake. It is grasping at straws to find an answer
21 that exonerates the Army, and none of that has
22 anything to do with whether the Army also poured the
23 same kind of things down the drain, 400,000 gallons a
24 day for 30 years. And I don't know why nobody at
25 this table is questioning that. You are letting down

1 the public.

2 MR. ALLEN: Thank you for your comments,
3 ma'am.

4 Any comments from the public? The mike
5 is open.

6 Hearing no comments --

7 Any comments from the board?

8 Frank?

9 MR. BARRICELLI: Yeah.

10 MR. ALLEN: Go ahead.

11 MR. BARRICELLI: Sarah, the last meeting
12 someone ghost wrote for you a critique of me,
13 criticism of me for a lot of very hard work. What --
14 you clearly don't understand the facts you're talking
15 about. 400,000 gallons was the average daily outflow
16 from the sanitary sewer system. That was not the
17 outflow that was -- that was from the plating tanks
18 from the area -- from the tanks that went through the
19 acid neutralization pits. That is a gross
20 exaggeration.

21 I don't know what dog and pony show
22 you're referring to. At the last meeting, which
23 isn't reflected in the minutes, by the way, you
24 accused me of illegally conspiring with the Army to
25 deceive the public. I would like you to provide

1 proof that I did something illegal. I've never been
2 accused of doing anything illegal. And, if you have
3 proof of anybody doing anything illegal, you could
4 show us, you could bring it up, or you keep your
5 mouth shut. That's libel. You -- clearly, you need
6 someone to explain this to you what all these test
7 results are. That's what your RAB member is supposed
8 to do.

9 The RAB members, if they have an
10 engineering degree, if they really have a science
11 background, should be able to fully understand the
12 information that's been provided from day one. If
13 you look at the information we've been provided, the
14 most technical piece of information you would have to
15 understand is oxidation and reduction. That is high
16 school chemistry. Everything else they provided is
17 simply test data. I'll repeat that. The only
18 scientific technical thing you have to understand is
19 simple oxidation. A high school student can explain
20 that to you. It's called rust burning and a whole
21 bunch of other things.

22 Now, I'm not sure why you get excited,
23 what your motivation is to get up and try to disrupt
24 what the RAB does. I'm not sure why the Fort
25 Monmouth shutdown has drawn this type of criticism.

1 But the NJ DEP lead scientist, who briefed us,
2 indicated that Fort Monmouth was a very clean
3 installation. The fact that you refuse to understand
4 that and accept that embarrasses you in front of the
5 people who understand. I would like to know why NJ
6 DEP -- I've gone through their comments, I've seen
7 letters from NJ DEP complimenting Fort Monmouth on
8 their reports. FMERA, their engineers, their
9 environmental engineers, don't seem to have a problem
10 with what's going on at Fort Monmouth. Other than
11 you -- a few people who have got this crusade going
12 on without any facts behind them and produce
13 something, I think this matter has got to come to an
14 end. You've been manufacturing facts out of nothing.
15 Until you have good, valid test data, you really --
16 or have a serious question, you don't provide
17 questions on anything we can trace because you've
18 never read anything yourself.

19 MR. ALLEN: Frank. I think that's a
20 little -- why don't we wrap this.

21 MR. BARRICELLI: Okay.

22 MR. ALLEN: Thank you.

23 MR. BARRICELLI: Thank you.

24 MR. ALLEN: Anything else from the board
25 members?

1 If not, at this time I'll entertain a
2 motion to adjourn this meeting.

3 Frank is making the motion. Is there a
4 second?

5 MR. GRUSKOS: (Raises hand.)

6 MR. ALLEN: Second. All those in favor
7 of the motion signify by saying "I."

8 BOARD MEMBERS: "I."

9 MR. ALLEN: We didn't have the public --
10 all those folks came to the meeting and didn't want
11 to talk, huh? God bless you. Passed the motion.

12 We have adjourned. Thank you.

13 (The deposition concluded at 8:06 p.m.)

14

15

16

17

18

19

20

21

22

23

24

25

CERTIFICATE

I, Colleen A. Brown, a Registered Professional Reporter, Notary Public and Certified Court Reporter of the State of New Jersey, license number 30X100214500, do hereby certify that the foregoing is a true and accurate transcript of the testimony as taken stenographically by and before me at the time, place and on the date hereinbefore set forth.

I DO FURTHER CERTIFY that I am neither a relative nor employee nor attorney nor counsel of any of the parties to this action, and that I am neither a relative nor employee of such attorney or counsel, and that I am not financially interested in the action.

Colleen A. Brown

Notary Public of the State of New Jersey

Commission Expires: May 20, 2015

Dated: January 15, 2015

1	22 17:1 230 20:23 270 20:20 28 6:8 281 18:1 283 21:17 29 6:23 296 22:1 23:11 296mw06 22:15,22 2nd 46:25	7	additional 9:4 17:9 29:5 35:16 43:24 additions 3:14 7:11 address 47:2 addressed 22:23 addresses 14:18 adhered 32:21 adjourn 53:2 adjourned 53:12 adjust 2:24 adjusted 48:4 adjustment 4:16 adjustments 2:18 administratively 22:23 advance 15:25 advised 41:2 advisory 1:1,4 2:3 36:15 41:2,10 agenda 15:9 16:12 30:19,20 39:1 ago 43:25 45:9,16 46:10 agree 8:24 40:3 42:10,18 ahead 13:12 40:1 43:22 50:10 akron 44:1 allegiance 2:5 allen 1:17 2:1,6,17 2:23 3:3,7 4:9,12,14 4:25 5:8 7:13,20 8:1 8:6,14,18,25 9:7,11 9:16,20,23,25 10:8 10:10,17,22 11:3,5 12:6,17 13:12,17,19 13:22 14:1,15,20,25 15:7,12,16,21 18:18 18:21 19:3,6 23:2 25:2,7 27:19,25 28:2 29:25 30:11 35:4,7,9,11 38:12 39:24 40:1,15,17,22 42:5,8,13,18,25 43:2,4,9,14,19,22	
1 17:21 18:12 19:17 19:20 20:6,6,7,13 20:13,17 21:20 1,000 20:2 1,800 21:1 1.13 46:4 1.26 46:3 10 2:7,18 8:2,22 10:3,13 41:1 100 19:18,22 11 19:15 110 19:19 120 20:19 14 7:9 18:4 15 28:18 31:19 54:21 16 5:15 160 19:24 18 17:5 21:4 22:3 1993 45:25 1997 22:8 1st 47:1	3 3 17:5 18:12 19:21 30 49:24 30x100214500 54:6 31 7:7 17:25 350 21:1 38 7:9	8 8 1:10 17:5 8:06 53:13	9 900 29:9,10 90s 6:21 914 29:10 30:2 915 29:10 30:2 916 29:10 917 29:11 9th 47:1	
2	4 400,000 49:23 50:15 42 20:23 455 1:8	a abbreviations 29:15 able 15:1 40:7 51:11 absolutely 27:16 49:18 abstain 9:22 abstaining 9:23 abstention 10:2 accept 52:4 accurate 54:7 accused 47:25 49:2 50:24 51:2 acid 50:19 act 42:14 action 16:10 23:7 26:24 27:9 33:6 36:19 41:5 54:12,15 actions 26:20 active 34:5,11 activities 22:20 actual 3:20 add 4:9,10 5:3,5 9:1 12:6 36:6 37:11,11 added 3:24 5:7,14 12:5 35:16 addendum 5:8 10:3 adding 8:9 addition 9:10,12 17:2 36:4	5 5 17:5 5.1 18:3 53 17:1 54 16:9,14 17:5 56 17:5 57 17:5 58 17:5 59 17:5	6 61 17:5 64 17:5 66 17:5 68 17:1 699 18:7,12 699rw03 18:10,12 699rw05 18:10 699rw11 18:10 69rw05 18:13,14
2 10:23 15:2,7 17:4 19:17 20:7,17 2,400 20:3 2.1 20:15 2.55 46:1 2.8 19:14 20 6:4,20,23 31:19 41:14 54:20 2007 40:8 2008 40:8 2011 22:9,12 34:16 2013 16:24 22:9 34:18 2014 2:7 10:13 16:5 16:22 17:4 23:20 41:1 45:18 2015 1:10 31:20 46:25 54:20,21 21 6:4	5 17:5 5.1 18:3 53 17:1 54 16:9,14 17:5 56 17:5 57 17:5 58 17:5 59 17:5	6 61 17:5 64 17:5 66 17:5 68 17:1 699 18:7,12 699rw03 18:10,12 699rw05 18:10 699rw11 18:10 69rw05 18:13,14	7 790 19:20 7:00 1:9	

<p>46:13,18,23 47:10 48:8,10,14,20 50:2 50:10 52:19,22,24 53:6,9 allowed 9:15,16 allyson 1:22 15:10 15:13,19 amended 10:7 analyzed 17:8,19 animal 36:1 annual 17:3,10 answer 49:20 anybody 51:3 anymore 38:8 46:8 apparently 40:4 appeared 11:19 25:24 appended 9:5 applied 49:6 apply 13:14 47:20 approach 35:21 36:9,10 approval 2:7 3:8 10:13 13:8 15:2 28:15 approve 2:17 3:2,4 10:4,6 approved 2:25 12:7 approving 2:21 12:19 approximately 41:14 april 29:4 46:25 arbiter 40:13 area 14:18 21:12,17 21:25,25 22:7 23:8 27:4 29:10 30:2 34:8 50:18 areas 38:6 39:13 41:1,9 army 1:1 2:2 17:15 31:15 32:5,16,25 49:11,13,21,22 50:24</p>	<p>army's 31:6 arranged 38:17 39:20 article 45:16 asked 8:8 12:9 38:17,24 asking 7:20,23 11:24 28:17 30:23 assessments 28:17 34:20,24 assist 44:17 associated 22:20 assume 35:23 attached 7:22 10:19 11:1 attaching 8:2 attachment 8:23 14:4 attend 40:7 41:14 attention 32:19 attenuation 33:5 attorney 54:11,13 attributed 22:17 attributes 45:14 49:17 august 22:9,9 authority 32:5 33:18 available 13:1,6 28:19 30:17 32:9,10 41:5 avenue 1:8 average 50:15 aware 32:11,16</p> <p style="text-align: center;">b</p> <p>b 1:11,11 back 13:25 22:8,12 24:19 25:3,8 27:21 35:19 40:2,4,7,17 46:11 background 5:22 51:11 bag 24:13,15</p>	<p>bags 17:18 24:7,23 25:15 bankrupt 45:25 banks 37:24 bar 6:23 barracks 30:3 barricelli 1:14 3:17 4:4,10,13,18 5:1,12 5:19 6:13 7:16,24 8:11 9:9,14 10:9,16 13:13,20,24 14:9,17 35:14 36:22 37:9 40:20,24 42:7,21 43:7,8,13,18,21,23 46:16 49:15 50:9,11 52:21,23 base 34:8,10,23 39:14 based 16:23 28:13 baseline 16:24 22:11 basically 36:5 basis 17:8 32:1 began 22:8 believe 3:18 10:24 14:9,19,20 29:11 30:7 belonged 38:6 belongs 14:16 benzene 18:9,11,13 19:12,17,21 22:14 27:12 best 40:21 better 29:20 37:7 39:18 41:7 big 44:11 biological 8:17 bit 39:23 bits 44:9,10,10,16 44:21 bless 53:11 blown 28:17 board 1:1,4 2:3 9:19 41:2 50:7 52:24 53:8</p>	<p>boilerplate 28:21 29:2 bottom 8:16 breslow 14:11 47:8 47:9,10,12,12,19 48:9,12,18,22 brian 1:12 4:2,14,20 10:24 11:6,20 12:3 12:19 13:10 14:3,21 49:1 briefed 35:18 52:1 bring 19:1,4 38:25 51:4 bringing 28:12 brook 45:2,12 46:12 brought 27:21 38:2 brown 54:3 building 18:7 21:17 22:1 23:11 45:22 buildings 29:10,23 30:1,3 45:20 bulldoze 36:5 bullet 8:16 bunch 51:21 burning 51:20 business 2:7</p> <p style="text-align: center;">c</p> <p>c 29:1 34:19 call 2:1 42:19 called 35:24 44:14 51:20 canadian 37:18,19 cap 37:11 capture 3:21 7:12 captured 4:7 carbide 44:9,12,16 44:21 carbon 44:21 care 33:10,10 carved 37:3 case 17:24 44:2,3,5 44:6 45:9 46:5 cases 31:21</p>
---	--	---	--

<p>caused 44:22 causes 26:10 center 17:23 21:12 cercla 28:13,16 31:10,11,15,16,25 32:10,20 33:10,11 33:24 34:2,13,19,24 certificate 54:1 certified 54:4 certify 54:6,10 chance 12:1 13:9 change 16:2 changed 28:6 38:4 48:4 49:13 changes 2:14 42:3,4 charge 37:14 charnick 1:12 3:19 10:24 11:6,14,20 47:20 48:8,25 49:1 charts 6:24 cheaper 24:23 check 29:8 checked 24:13 chemistry 51:16 chloride 20:9 21:2 choose 34:12 circulated 3:4 cis 20:7,17 citizens 34:6 citizenship 34:10 clarify 2:15 3:9 clean 45:24 52:2 cleaner 20:4 cleanest 6:10,17 cleared 41:25 clearly 50:14 51:5 clicker 15:22,23 close 28:25 closed 34:17 closer 28:21 closure 34:23 cold 44:14,14 collected 17:7,13 colleen 54:3</p>	<p>come 52:13 coming 29:7 command 28:9,11 31:3,25 comment 10:25 11:1 11:7 13:14,19 24:8 36:9 37:10 41:6,8 42:8 46:14,20 47:1 48:16,17,18,22 commenting 13:21 comments 2:22 4:21 4:23 14:11 24:15 25:4,6 26:3 40:18 47:21 48:2,12 50:2 50:4,6,7 52:6 commission 39:4 54:20 committee 2:3 12:22 36:16 38:11 41:11 43:9 committees 41:12 community 39:16 company 44:4 45:21 46:10 compared 24:7 25:24 comparison 32:9 completed 16:25 17:3,17 complicated 31:6 complimenting 52:7 compounds 27:12 concern 7:1 34:8 39:13 concerned 27:8 45:5 concerning 46:10 concerns 7:5 45:17 concluded 53:13 conclusion 5:23 conclusions 5:16 condition 22:11 confirm 33:17 conflict 28:13,15 congress 11:10</p>	<p>congressman 11:18 48:23 considered 12:20 26:20 conspiring 50:24 construction 41:4 42:1 contact 13:20 contaminants 5:20 contaminated 45:12 contamination 11:21 45:2 continue 31:21 33:4 34:13 continued 22:9 contract 13:4,5 copy 2:8 18:22 40:25 correct 3:5 8:11 12:3,4 25:20 32:6 37:9 43:10 correction 8:7 11:7 corrections 2:11 3:13 correspondence 48:10 cost 46:4 costs 45:23 46:4 council 41:13 counsel 54:11,13 county 30:8 38:6,6 45:4,17 county's 6:20 couple 38:14 47:14 course 44:2 court 45:9 54:4 courtesy 12:19 13:10 cover 16:12 36:4,4,6 coverage 41:17,18 41:20,25 create 36:23 created 34:25 crilly 1:21</p>	<p>criteria 5:21 6:7 criticism 50:13 51:25 critique 50:12 crusade 52:11 current 5:3 41:17 currently 30:7 customary 12:23 cw1mw29 17:25 cwa 17:21</p>
			d
			<p>d 1:11 29:1 34:19 daily 50:15 dashed 21:10,11 data 17:12,15 28:19 31:20 51:17 52:15 date 23:1 54:9 dated 54:21 dates 46:25 day 29:12 49:24 51:12 days 30:14 deactivated 34:8 dealt 40:10 deceive 50:25 december 16:23 21:20 decide 27:3 37:23 decided 14:12 28:21 decision 34:25 declined 33:25 decreasing 27:7 deferred 3:18 degree 45:11 51:10 dep 3:22 5:4 16:10 16:14 21:9,22 23:1 32:8,10,15 33:19 41:12 52:1,6,7 department 30:9 depending 26:13 depicted 19:17 deposition 53:13 design 41:3</p>

<p>designation 23:8 detail 19:11 20:12 detected 17:24,25 18:15 19:12,21,23 19:25 20:9,13,17,21 20:24 21:2 26:5,6 detection 19:23 20:3 detections 19:19 determines 24:2 developed 44:15 deviation 32:16 dianne 1:21 dichloroethene 20:6 20:7,13,17 difference 32:17 different 32:9 35:21 35:25 36:1,10 47:23 diffusion 17:18 24:23 25:15 disappeared 45:25 discuss 15:1 16:5,9 28:5 discussed 6:19 39:22 discussion 2:9 10:11 10:12 39:20 42:13 43:4,20 46:24 disrupt 51:23 distribution 21:23 22:1 diversity 36:1 dlugosz 1:20 2:13 2:20 3:1,6 6:12 9:22 9:24 11:9,15,21 14:6 15:6 18:19,24 21:16 24:25 25:5,10 25:18 29:23 30:1,16 30:21,24 33:15,17 33:21 35:6 39:3,8 40:3,16 42:10 43:1 43:3,12 46:21 48:25 dlugosz's 48:16 document 9:12 18:21 28:22 29:2 43:7</p>	<p>documents 28:11,14 dod 6:9,16 dog 11:13,18 14:13 48:23 49:2 50:21 doing 4:16 11:23 31:6 33:4 34:5,9 36:14 37:22 39:12 49:2 51:2,3 dollars 46:2 dots 17:22 18:7 doug 15:5 dph 6:24 draft 30:13 40:20 drafted 36:11 42:3 drain 49:23 drawn 51:25 drill 44:9,10,10,16 44:21 dropped 39:21 dry 20:4 due 11:19</p> <p style="text-align: center;">e</p> <p>e 1:11,11 3:9 4:14,16 11:3,7 47:2 ear 18:24 earlier 10:24 early 6:21 easier 39:22 eatontown 39:3 44:6 47:13 eatontown's 45:3 ecological 5:20,24 6:2,6 7:18 ed 2:10 3:10 11:9,20 14:15 15:22 18:18 25:3,9 27:21,22 30:23 40:1,15 43:2 46:20 48:16,25,25 ed's 48:18 educated 37:7 edward 1:20 effect 27:17 effort 37:10 41:4</p>	<p>efforts 11:20 48:24 element 45:4 elements 45:13 elevated 5:23 embarrasses 52:4 employee 54:11,13 encouraging 36:2 ended 31:18 enforced 33:25 engineering 36:15 51:10 engineers 52:8,9 entertain 53:1 entirely 48:6 environmental 34:10 38:10,18 41:10,20 45:24 52:9 environmentally 5:24 epa 33:17,24 equivalent 7:10 especially 39:6 essence 21:14 established 34:14 36:24 evaluation 6:2 exact 18:22 exactly 4:11 33:14 34:15 47:22 48:1 exaggeration 50:20 examination 6:22 example 26:25 exceed 5:20 47:6 exceedance 20:5 22:17 24:1 26:7,7 27:6 exceedances 7:7 17:24 18:8,9,11 20:6 23:17 24:4 25:25 26:6,21 27:2 exceeded 18:13,14 22:14 excited 51:22 excuse 38:12</p>	<p>exercises 22:19 exist 46:8 existing 41:25 exists 37:15 exonerate 11:22 exonerates 49:21 expected 41:14 expensive 25:16 44:11,12 expires 54:20 explain 49:7 51:6,19 explaining 18:22 extended 22:2 extends 22:3 extraordinary 6:18</p> <p style="text-align: center;">f</p> <p>facility 21:23 fact 52:3 facts 14:3 46:9 49:13 50:14 52:12 52:14 fairly 18:20 far 6:10,17 15:24 fast 18:20 favor 9:18 10:13 40:6 43:6 53:6 feasibility 29:22 federal 31:11 33:1,3 33:6 34:2 feeling 39:17 feet 35:16 36:4,6 felt 28:18 field 22:19 figure 21:10 36:13 figured 4:11 figures 49:13 fill 35:16 final 40:13 41:17 finally 49:16 financially 54:14 find 5:2 12:16 45:7 45:9 49:20 finding 29:9,16,17</p>
---	--	--	---

<p>finds 32:15 fine 48:21 finish 39:7 48:14 finished 35:9 39:24 first 2:6 7:14 16:8 17:13 18:16 19:23 20:1,10 26:5,7 28:25 35:19 38:3 40:7 45:1 48:3 fish 6:22 7:6 fishery 7:5 five 21:4 35:11 43:17 47:6 flag 2:4 flaws 6:24 floor 4:25 flow 17:17 24:7,13 24:14,17,20 25:12 flows 45:2 fmera 36:14,15 37:1 37:22 38:4,10 39:17 41:10 52:8 fmera's 38:4 fmerpa 38:5 focus 21:8 foliage 39:21 folks 53:10 follow 16:14 32:25 33:2,11 following 22:11 31:15 33:11 footprint 22:16 force 34:1 foregoing 54:6 foreseen 40:9 forest 36:17 41:18 forgot 29:8 form 30:13 45:11 former 18:6 20:4 21:22,24 fort 1:1,4,8 2:2 5:21 5:25 6:1,3 11:22 16:9 21:20 31:8,12 34:4 35:20 36:17 37:17 38:21 40:25</p>	<p>41:20 45:2 47:3 51:24 52:2,7,10 forth 54:9 forward 3:1 4:20 12:16 14:4 forwarded 3:22 4:21 fosl 29:9,11 found 11:21 44:1 45:16 46:9 49:16 four 5:15 6:5 35:5 fourtek 44:4 fourth 17:4,15 frank 1:14 3:15 4:25 7:23 10:10 13:12 35:13 38:12 40:2,18 42:11 43:7,17 50:8 52:19 53:3 frank's 42:8 front 52:4 fs 22:23,25 28:11 29:20,22 ftm 16:14 17:1,4 ftm18 21:14 22:18 ftm54 21:13,14,22 21:24 ftmm18 22:16,24 ftmm54 21:12 22:21 22:25 fuel 21:22 22:1 fueling 22:19 full 22:25 28:17 fully 3:21 51:11 fumble 16:17 funding 34:16 41:3 furnace 44:4,20 furnaces 44:24 further 6:2 16:9,20 23:7 26:24 54:10 future 42:15</p>	<p>gates 38:22 geese 37:18,19 general 26:21 49:5 generators 22:19 gentlemen 12:17 getting 28:20,25 ghost 50:12 give 5:16 13:15 14:12,23 33:12 40:25 given 9:5,12 34:16 gladly 42:4 go 2:20 3:1 10:23,25 13:12 16:19 40:1,2 40:17 42:18 43:22 49:11 50:10 god 53:11 goes 11:16 19:10 going 2:21 3:4,7,16 13:22 14:20,22 15:9 16:5,7,9,12,17,18 18:19 19:8 26:10 28:22 30:3,4,7,16 35:16 36:5 37:2 39:21 40:10 49:11 52:10,11 good 23:2 25:18 27:20 34:6,10 37:12 37:18 46:13 52:15 gotten 48:5 grasping 49:20 grass 35:19,24 36:18 36:23 37:18 41:19 grasses 36:25 green 1:16 4:2,20 5:5,10,18 8:4,8,12 8:15,24 9:2 10:21 11:2,4,6 12:8,14 13:1,11,18 14:7,19 14:22 16:2 23:4,11 23:15,24 24:11,19 27:23 28:1,5 29:17 29:21 30:6,12,18,22 30:25 31:7 32:2,6 32:24 33:16,20,24</p>	<p>34:15 35:2,8,10 36:21 37:5 39:7,10 42:17,23 46:17,19 46:22 47:18 grimm 1:19 gross 50:19 ground 16:6,10,13 16:21 18:1,15 19:12 19:18,21 20:1,9,14 20:18,21,24 21:3,7 21:21 22:6,10,14 23:7 25:25 26:14,19 27:14 36:4 39:6 group 38:18 groups 40:4 growth 41:18 gruskos 1:13 9:3 10:5,15 12:12,18 13:7 23:6,13,16 24:5,12 25:21 26:9 26:17,25 27:10,17 29:13,19 31:2,24 32:3,7,12,22 34:3 34:22 35:3 38:14 39:11,25 53:5 guess 5:1 9:3 10:5 11:16 guilty 48:1 guys 12:5 14:24 40:6</p>
			h
			<p>habitat 41:21 hand 53:5 happened 28:7 36:20 happens 26:11,12 37:23 happy 42:19 hard 9:25 17:22 50:13 head 42:21 headquarters 28:8 31:14 34:19</p>

health 6:5 28:9,10 31:3,25 hear 9:25 18:18 19:3 25:3,6,9 29:25 heard 25:5 hearing 10:12 43:6 50:6 heavy 46:11 help 2:15 10:22 18:25 19:2,5,6 hereinbefore 54:9 high 6:25 35:24 36:18,23 41:19 44:16,19,19 45:6,10 51:15,19 higher 6:6 historically 23:21 history 38:20 hold 12:19 13:8 hopefully 29:3 huh 53:11 human 6:4 hydrocarbons 6:25	45:15,19,23,25 46:6 46:8 49:18 information 14:23 22:5 43:24 47:3,3 49:11 51:12,13,14 infringement 44:7 initially 28:23 38:5 installation 52:3 insurer 46:7 intellectual 44:8 interest 39:11 41:16 interested 38:19,19 38:22 54:14 interesting 44:5 45:8 internet 43:25 interpretive 27:11 interrupt 6:14 29:13 investigation 29:21 issue 3:8 4:17 36:15 37:21 issued 23:12 item 35:4,11 36:16 43:17,19 46:23 items 44:11	49:23 know 13:7 14:10,16 23:20 30:8 32:20 36:14 37:17 38:23 49:24 50:21 52:5 knowledge 38:21 knows 49:12 kriney 1:22 15:10 15:11,11,15,19,19 15:22 16:1,4 19:1,4 19:10 21:18 24:16 24:20 25:9,11 26:12 27:22 krinley 26:4	life 36:1 light 23:5 liked 36:9 limited 23:7,10 linda 1:18 line 5:15 6:4,8 7:9 21:10,11 22:3 link 49:17 listed 30:19 liter 18:2,4,4 19:13 19:14,15,19,20,20 19:22,24 20:2,3,15 20:16,19,20,20,22 20:23,25 21:1,3,4,5 litigation 46:4 little 17:21 39:23 44:10 52:20 locate 45:13 located 22:16 45:20 location 20:6 locations 18:8 locked 38:22 long 12:22 16:6 37:1 38:20 look 3:2 6:25 12:1,2 12:15 34:2 37:14,20 51:13 looked 25:19 looking 5:14 45:1 looks 45:14 lot 28:13 31:20 34:5 38:19,23 50:13 lots 44:12 low 17:17 24:7,13 24:14,17,20 25:11
i	j	l	m
illegal 51:1,2,3 illegally 50:24 implemented 41:19 important 4:1 5:4 5:13 11:7 improve 44:24 inaudible 6:12 inch 8:17 inches 36:7 inclined 12:18 include 12:23 36:7 included 7:25 21:24 includes 29:10 incorrect 7:2 11:10 increasing 27:6,7,8 indicated 52:2 indicative 5:21 individually 39:12 industries 43:24 44:4,6,13,23 45:10	james 1:17 january 1:10 54:21 jersey 1:9 7:5,10 32:10 54:5,19 jets 21:14 jim 1:23 23:4 job 1:25 joel 1:19 join 2:4 july 2:7,12,18 4:12 4:13,18,21,22 7:21 8:2,22 10:3,7,13 12:9 41:1 46:11,25 june 16:23 22:8	lady's 25:6 lake 7:4,6,9 11:21 45:3 49:20 lakes 6:20,23 7:5,10 land 38:1,1,7 40:14 45:21 landfill 35:12 36:6 37:11 38:5 41:1,3,9 42:1 landfills 28:24,25 35:17,23 37:12 38:9 41:17 large 39:14 larger 17:22 21:12 law 44:1 lawn 37:18 lawsuit 45:17 lead 52:1 lease 29:9,18 30:6,8 30:13 legal 28:7 34:1 letters 52:7 letting 49:25 level 7:1 levels 5:19,22 31:22 45:6 libel 51:5 license 54:5	m m 1:11,11 m8 39:6 ma'am 48:14 50:3 magnitude 6:6 7:3 mail 3:9 4:14,16 11:3,7 47:2 mailed 14:25
k	keep 51:4 kind 12:24 27:3 32:12 39:16 44:18		

<p>maintained 37:25 maintenance 37:2 making 9:11 53:3 male 15:24 manufacturing 52:14 map 17:21 march 16:22 mater 3:21 4:4 5:6 6:8,14 7:12 8:17 mater's 7:16 material 44:17 matter 6:1 52:13 mature 41:18 mayor 11:14,20 48:25 mayors 41:13 meadows 35:24,25 36:18 41:19 mean 5:2 24:11 26:23 29:13 30:9 37:7 means 13:4 26:4 49:12 meeting 1:5 2:1,8,12 2:16,18,25 3:20 9:6 9:13 10:3,7 13:23 14:4 15:1,3,4,7 18:23 28:9 29:1,4,8 38:15 41:2 46:25 47:4 48:20 50:11,22 53:2,10 member 51:7 members 9:19 29:14 41:2,9,10,13 51:9 52:25 53:8 memo 36:11 40:21 42:2 memorandum 42:9 43:5 mentioned 3:9 24:9 25:23 29:16,20 33:22 35:15 45:5 46:10</p>	<p>mentioning 24:4 26:18 44:25 mercury 7:2 met 28:8 metal 44:3,13 metallurgical 43:24 44:3,6,13,22 45:10 45:14,19,21,23,24 46:6,7 49:18 metals 7:4,8 17:11 24:18,21 25:13 46:12 metas 25:14 method 24:22 25:16 methods 16:13,22 47:14 48:5 49:7 microgram 18:2 19:13 20:14,22,25 21:3 micrograms 18:3,4 19:14,15,19,20,20 19:22,24 20:2,3,15 20:19,20,20,23 21:1 21:4,5 microphone 25:1 middle 18:8 22:16 mike 3:16 15:13 19:9 24:19 50:4 million 46:1,3 mine 48:19 minute 25:22 46:24 minutes 2:8,11,21 2:24 3:4,11,14,18 3:25 4:8,10,12,13 4:16,19 5:3,9,14 7:21 8:3,21 10:7,13 10:18,23 11:8,9 12:20 13:9,14 15:4 15:7 40:11 47:6,15 48:3 50:23 misquoted 11:25 14:16 missing 49:17 mix 41:18</p>	<p>modified 8:21 44:24 money 46:7 monitor 27:3 monitoring 17:25 22:7,8 33:5 monmouth 1:1,4,8 2:2 5:21,25 6:1,3 16:9 21:20 30:11 31:8,13 34:5 35:21 36:17 37:17 40:25 41:20 45:3,17 51:25 52:2,7,10 moore 1:23 motion 9:1,4 10:4,6 42:20,22,25 43:3,5 53:2,3,7,11 motivation 51:23 mouth 51:5 move 8:25 14:4 19:8 39:13 46:23 moved 25:2 mowed 36:24 muddled 38:9 municipal 41:13 municipalities 37:13 41:12</p> <p style="text-align: center;">n</p> <p>name 15:18 47:11 named 44:4 natural 33:5 naturally 36:20 nature 41:22 ne 20:14 near 21:16 23:11 necessarily 33:2 38:20 need 3:16 10:4 16:3 24:19 26:21 27:21 42:6 51:5 negotiation 32:14 neither 54:10,12 neutralization 50:19 never 51:1 52:18</p>	<p>new 1:9 7:5,10 31:4 32:10 40:6 44:8,18 54:5,19 news 29:4 nfa 16:14 21:8,21 33:12 nfas 33:9 nj 3:22 5:4 21:22 23:1 32:8,15,15 41:12 52:1,5,7 nj1969468 1:25 nodding 42:21 normal 26:20 north 22:2,3 notary 54:4,19 note 47:16 notes 8:9 9:4,6 notice 11:8 24:8 number 13:15,16 23:17 26:15 35:11 43:17 46:23 54:5 numbers 21:19 numerous 6:9,16</p> <p style="text-align: center;">o</p> <p>o 1:11 object 14:5 objection 7:22 8:1 8:20 15:4 objections 9:17 objects 47:4 obsolete 44:18 obviously 49:10 occurred 22:18 occurs 27:4 ocean 30:8,10 oceanport 1:9 30:12 38:18 october 4:15,22 10:23 11:8,9 12:10 12:14,15 13:9 14:23 15:2,7 40:11,11 47:1 offer 38:16</p>
--	--	--	--

<p>office 28:7 34:2 oil 44:11 okay 3:3,7,17 5:1,18 6:7,15,19 8:21 9:17 13:11 19:10 21:6,20 24:20 25:21 27:17 28:3 30:21,25 35:3 42:22 43:15,23 46:22 52:21 old 30:2 once 47:5 ones 23:19,21 26:18 29:19 37:23 open 47:4 50:5 opportunity 3:12 opposed 9:20 10:17 37:17 43:14 opposite 47:22 48:2 order 2:2,6 41:7 ordered 10:18 43:15 orders 6:5 7:2 outflow 50:15,17 outlined 22:6 outreach 39:16 oversight 49:10 owner 38:8 45:19 owners 45:22 oxidation 51:15,19</p>	<p>part 23:9 27:13 31:5 32:14,23 34:7 35:23 41:4,25 44:2 47:19 49:3 participating 33:18 particular 24:3 27:4 33:4 particularly 25:14 parties 54:12 parts 5:4 passed 10:18 44:21 53:11 passive 17:18 24:22 25:14 pattern 27:4,6,7 34:13 pay 32:19 46:6 pce 20:8,24 pcs 25:14 people 12:24 37:13 47:25 52:5,11 perform 28:17 31:16 33:5 performance 44:24 performed 22:7 31:8,17 34:20 periodically 36:23 person 37:25 38:1 47:7</p>	<p>plan 36:9 37:10 41:5 41:16 planned 35:22 38:7 plans 38:4,5 planted 35:17 36:19 plating 50:17 please 2:4 6:14,15 9:1,8,18 11:5 23:5 47:11 48:15 pledge 2:5 point 2:22,24 14:2 15:3 34:3 36:8 39:14 46:21 points 3:24 4:7 32:12 police 30:9 pony 11:13,18 14:14 48:23 49:2 50:21 portion 5:10 21:13 22:2 possible 47:23 possibly 45:11 46:11 poured 49:22 prepare 36:3 41:7 prepared 2:10 41:5 present 1:22 2:10 28:22,23 presentation 3:25 5:2,11 7:15,17,19 8:9,10 14:12 15:9 16:5,7 17:12 21:15 24:10 presented 4:5 5:4 presenter 4:3 pressure 44:16,19 preventive 28:8,10 previously 24:1 35:15 priority 28:24 probably 36:7 problem 23:19 32:24 33:7 36:13 37:1,19,20 52:9 problematic 23:21</p>	<p>problems 32:15 proceedings 1:6 process 31:6 32:18 44:8,15,18,19,23 produce 52:12 professional 54:3 program 28:6 progressively 39:2 project 15:18 promised 28:5 proof 51:1,3 property 30:4 31:14 35:22 37:2,4 38:21 44:8 45:19,22 prospective 40:4 provide 13:4 41:24 42:23 50:25 52:16 provided 41:3,9,21 41:23 51:12,13,16 public 12:24 14:11 27:23 28:23 29:12 29:14 30:9 31:3,25 39:16 41:6,7,24 46:14 47:5 49:5,9,9 50:1,4,25 53:9 54:4 54:19 publicly 32:9 publish 28:12 published 29:7 purge 17:18 purple 17:22 18:7 purpose 16:7 40:18 put 3:7 11:13 14:3 30:5 40:22 42:6,14 putting 18:24</p>
<p>p</p>			
<p>p.m. 1:9 53:13 page 5:15 6:4,8,23 7:7,9,14,21 8:2,5,12 8:19 9:1,5 13:15 19:11 paper 5:16 7:14 paragraph 13:15 parameters 25:12 paraphrased 19:11 parentheses 16:19 19:16 park 38:6 parks 37:14 parsons 15:20</p>	<p>persons 41:14 perusing 43:25 pesticides 17:11 24:21 25:13 petroleum 6:25 phc 28:8,16 phone 19:2,4,8 25:2 phones 18:24 phonetic 3:22 phrase 8:14 34:7,12 pica 30:19 piece 51:14 pipng 22:1 pits 50:19 place 11:18 36:18 38:3 54:9</p>		<p style="text-align: center;">q</p> <p>quality 18:2,16 19:13,18 20:2,9,14 20:18,22,25 22:14 quarter 16:8 17:4 17:14,15 19:23 20:1 26:1,2,2,2,5,7,8 27:1,2</p>

quarterlies 23:22 quarterly 16:22,25 17:2,8 22:6 quarters 17:14 18:16 20:10 question 12:21 13:13 23:16 25:21 32:8 38:13 42:5 52:16 questioning 49:25 questions 14:11 16:15 23:3 27:20,24 31:1 38:15 52:17 quite 4:11 6:11,18 32:22 34:6,11 quote 6:9 11:9 quoted 11:9	real 28:25 realize 39:12 really 6:25 23:9 32:19 36:15,22 51:10 52:15 reason 3:18 44:25 reasons 26:16 33:21 rec 37:14 receive 18:23 received 11:25 12:12 17:16 receptors 5:24 reclaim 44:8 recommended 16:24 record 12:24 15:17 40:23 42:6,9,14 47:11,15 recorded 47:16,21 recording 47:24 recovery 44:17 recreation 41:12 red 21:10,11 22:3 redevelopment 37:17 reduction 51:15 reestablished 22:10 referred 44:15 referring 50:22 reflected 50:23 refuse 52:3 regard 2:9 43:5 47:2 48:23 regarding 6:23 29:1 29:4 regardless 40:13 regards 48:11 registered 54:3 regs 34:2 regulations 32:20 33:1,6,12 relations 39:16 relative 26:18 54:11 54:13	releases 22:18 remedial 29:21 33:6 41:4 remediation 26:10 46:4 remediations 49:8 remember 3:17 23:8 44:13 45:20 remind 47:5 rep 11:10 28:6 repeat 26:2 51:17 repeated 26:16 replicated 37:16 report 16:24 17:14 22:23,25 23:2 24:8 49:4 reporter 54:4,4 reports 29:5 52:8 represent 11:11 representative 11:19 45:4 48:24 representatives 41:11 request 16:10,14 21:21 22:5 23:14,15 40:12 49:6 requested 3:19 12:25 41:8 requests 21:8 require 26:16 required 6:3 28:10 33:7 34:13 42:3 requirements 28:13 28:14,16 31:10,11 34:24 research 45:7 46:13 resources 5:25 response 42:24 restoration 1:1,4 2:3 41:1 result 22:13 results 16:6,8 21:7 49:8 51:7 reused 30:3,7	review 13:9 17:15 28:11 29:12 30:14 31:3,6 34:23 37:8 41:8 42:23 reviewed 32:13 reviewing 29:3 32:4 ri 22:23,25 28:11 29:20,22 rich 9:2 38:12 39:5 39:24 40:3 rich's 40:12 richard 1:13 27:19 richard's 25:3,5 riddled 6:24 rider 1:15 right 4:17,22 8:6 10:20 11:12 13:24 42:16 43:2,4 rigs 44:11 risk 28:17 31:22 33:3 34:19,24 river 38:24 roughly 7:9 round 43:19 46:20 rust 51:20 rw05 18:12
r			s
r 1:11,11 rab 1:1 2:3 34:1 35:14,20 36:12,15 37:21 39:16,18 41:2 41:9 42:22 43:8,9 47:2 51:7,9,24 raised 30:4 raises 53:5 raising 36:8 randomly 26:11 range 1:18 7:18 23:12 26:14,23 27:5 27:16 32:11,19 33:14 ranged 19:14 20:15 20:19,23 21:4 ranges 18:3 21:1 26:18 ranging 19:19 reach 14:21 read 3:12 4:1,6 5:12 11:4 12:25 14:12 16:18 36:13 40:24 52:18 reading 4:8 6:13 8:13 9:12			s 1:11 9:21 salute 2:4 sample 25:16,23 sampled 16:14,22 17:9,10 23:25 24:2 samples 17:7 sampling 16:6,13,21 16:24,25 17:3,17 22:10 24:7,17,20 25:12,12 26:16 31:21 34:18 sanitary 50:16 sarah 47:7,8,12 50:11 sat 44:13 saw 2:15 35:20

<p>saying 2:19 3:15 4:2 5:6 9:18 10:14 11:17,24 12:4 14:7 14:8,15 31:3,15 32:25 34:9 43:11 53:7</p> <p>says 8:17 11:10 49:10</p> <p>schedule 16:13,21</p> <p>school 44:2 51:16,19</p> <p>science 49:19 51:10</p> <p>scientific 51:18</p> <p>scientist 52:1</p> <p>screen 17:23</p> <p>screening 5:20 6:6</p> <p>seasonal 27:14</p> <p>seasonality 26:13</p> <p>second 9:8,9,14,15 10:8,9,10 16:8 17:13 18:16 20:10 26:8 40:12 42:25 43:1,3 53:4,6</p> <p>secondly 48:7</p> <p>section 23:10</p> <p>see 2:17 8:18 12:2 13:21 14:7,10,13 17:22 18:12,25 21:11,18 27:4,14 34:16,17 36:16 37:15,15 39:22 46:3</p> <p>seed 36:7</p> <p>seen 6:10,17 12:7 27:11 52:6</p> <p>selling 38:1</p> <p>send 2:13,16 12:3,9 12:10</p> <p>sense 32:5</p> <p>sensitive 5:25</p> <p>sent 11:6 21:8</p> <p>separate 24:17</p> <p>september 16:23 45:18 46:1</p> <p>serious 47:25 48:3 52:16</p>	<p>service 13:4</p> <p>set 23:25 54:9</p> <p>settled 45:18 46:1,5</p> <p>seven 20:18 22:8 29:12 30:14 46:24</p> <p>sewer 7:8 50:16</p> <p>shade 36:25</p> <p>shatter 44:15,22</p> <p>sheet 5:16</p> <p>short 36:11 40:20,21</p> <p>show 11:13,18 12:8 31:22 34:19 48:23 49:2 50:21 51:4</p> <p>showed 20:12</p> <p>shows 14:14 21:10</p> <p>shut 51:5</p> <p>shutdown 51:25</p> <p>signature 54:17</p> <p>signed 47:7</p> <p>significant 25:24</p> <p>signify 9:18 10:14 43:11 53:7</p> <p>simmons 45:4</p> <p>simple 51:19</p> <p>simply 51:17</p> <p>sinkholes 40:9</p> <p>sir 3:16</p> <p>site 6:3,10,17 11:22 17:7 18:6 23:24 24:3 37:15</p> <p>sites 6:9,16 16:13 17:2,9,10,11 29:6</p> <p>situation 38:10</p> <p>situations 33:2</p> <p>six 6:8 7:21,21 8:2 8:17,19 9:1 36:7 43:19</p> <p>slide 15:25 21:7,7</p> <p>sludge 7:8</p> <p>smith 11:10</p> <p>smith's 11:19 48:24</p> <p>soil 36:5</p> <p>solely 17:12</p> <p>somebody 49:7</p>	<p>somewhat 25:24</p> <p>sooner 31:18</p> <p>sorry 10:1 15:12 17:10 30:12,24 39:8</p> <p>sort 13:8 39:22</p> <p>sound 29:20</p> <p>sounded 35:18</p> <p>source 46:11</p> <p>south 21:25</p> <p>speak 47:6</p> <p>speaker 15:24</p> <p>speaking 24:25</p> <p>special 29:1 41:16</p> <p>spell 11:12</p> <p>spills 22:18</p> <p>standard 18:2 19:13 19:18,22 20:2,14,22 20:25 21:3 22:14 24:22 25:25 26:19 32:4,15</p> <p>standards 6:5 18:16 20:10,18 33:23</p> <p>stands 2:22 33:13</p> <p>start 34:18 36:3</p> <p>started 6:21 13:2 24:6 34:17 35:19 44:23 45:1</p> <p>starting 31:5</p> <p>state 15:17 28:14,15 28:15 29:6 31:9,9 31:11 33:2,9,9,11 47:10 54:5,19</p> <p>stated 28:9</p> <p>statement 14:12 23:23 27:11</p> <p>statements 3:21 5:13</p> <p>states 2:2 11:7</p> <p>station 18:6</p> <p>status 28:6</p> <p>stay 25:22 35:22</p> <p>stenographically 54:8</p> <p>steve 16:2</p>	<p>storage 21:25</p> <p>straws 49:20</p> <p>stream 37:24 44:14 44:14</p> <p>street 44:14</p> <p>stricter 33:22</p> <p>strictly 31:9</p> <p>stringent 31:10,12</p> <p>student 51:19</p> <p>studies 45:6</p> <p>study 6:20,23 29:22 44:2</p> <p>subject 40:25</p> <p>submission 43:7</p> <p>submitted 21:21 23:1 29:5</p> <p>substantially 27:8</p> <p>sued 44:4 45:22</p> <p>sufficient 42:12</p> <p>suggesting 13:8</p> <p>suit 44:7</p> <p>suitability 29:9,16 29:18</p> <p>suited 39:18</p> <p>summary 5:3</p> <p>support 22:19</p> <p>supported 35:25</p> <p>supposed 51:7</p> <p>sure 12:4 24:12 34:6 34:11 36:17 38:3,7 38:8 51:22,24</p> <p>surrounding 23:8</p> <p>suspension 22:11</p> <p>svocs 17:11</p> <p>system 50:16</p>
t			
			<p>table 26:15 27:15 43:19 46:20 49:25</p> <p>tabled 15:8</p> <p>tabling 15:3</p> <p>take 8:6,22,23 12:15 26:20 38:16 39:4</p> <p>taken 54:8</p>

<p>takers 47:16 takes 37:3 talk 53:11 talked 39:5 40:5,8 40:11 talking 4:15 24:6 50:14 tank 21:25 tanks 50:17,18 tapp 49:6 tarantolo 11:14,20 48:25 targeted 23:20 tce 17:24 20:8,21 team 41:20 technical 51:14,18 telephone 1:20 2:11 tell 16:1 temperature 44:20 temporary 22:11 ten 20:15 tend 25:15 term 16:6 37:1 terms 39:19 terrain 35:12 37:6 40:5,13 test 23:18 51:6,17 52:15 tested 23:22 testimony 54:7 testing 49:7 tetrachloroethane 20:8 texas 44:3 thank 3:10 9:7 10:2 10:22 15:12,21 23:2 25:7 27:18,19 30:21 43:15 50:2 52:22,23 53:12 thing 11:23 12:4 14:10,13 24:5 25:14 29:6 36:23 37:14 44:5 45:1 48:3 49:4 51:18</p>	<p>things 16:4 28:20 30:4 47:14 49:23 51:21 think 3:15 4:7 5:12 7:11 13:25,25 14:2 19:6 28:3 39:5,22 40:10 42:3,11,14 52:13,19 thinking 23:13 thinks 49:16 third 7:1 17:14 thought 37:12 38:5 39:8 thoughts 35:4 threat 5:24 three 6:2 17:23 18:8 18:9 47:19,23,25 48:5 thursday 1:10 time 15:2,3 37:19 39:5 46:15 48:3 53:1 54:8 timothy 1:15 title 7:13,14 today 4:15 12:1 29:7 30:14 37:15 told 25:19 35:15 38:25 tomorrow 30:15 top 21:13 37:11,11 topsoil 36:7 total 6:24 18:13 19:25 totally 35:23 49:3 tour 38:16 40:25 41:8,15,23 towns 36:8 37:9 39:12 trace 52:17 trails 41:22 transcriber 13:3 30:23 transcript 1:5 3:19 3:20,23 4:5,6,24 5:13,15 7:25 9:4</p>	<p>12:2,2,9,10,13,15 13:2,10 14:23 54:7 transcription 47:16 transcripts 12:24 transfer 33:8 transferring 31:14 transitioned 37:3 trees 36:24 triangular 21:13 trichloroethene 20:7 trigger 26:23 27:9 triggered 6:21 trimethyl 18:10,13 19:17,21 true 23:22 54:7 try 16:17 36:13 51:23 trying 5:2 25:7 27:10,13 28:12 33:8 33:8 39:15 tungsten 44:9,12,16 44:21 turn 23:4 turns 36:25 twist 44:10 two 5:23 7:2 8:5,12 8:19 9:1,5 16:4 18:10,11 19:13,15 24:16 35:16 36:4,6 43:25 45:8,16 46:9 46:10 type 25:14 28:21 33:6 37:14 51:25 types 24:9</p> <p style="text-align: center;">u</p> <p>u.s. 1:1 ultimate 37:16 38:8 ultimately 37:23,25 underground 21:24 understand 2:23 21:15 23:6 27:11,13 32:23 36:3 48:4 49:5 50:14 51:11,15</p>	<p>51:18 52:3,5 understanding 23:18 26:22 34:4 37:5 39:15 41:24 understood 24:9 uneven 39:6 united 2:2 university 44:1 unnecessary 28:18 use 24:22,24 40:14 ust 20:4 21:25</p> <p style="text-align: center;">v</p> <p>valid 52:15 vaporized 44:20 45:11 variation 27:14,15 varied 41:21 various 27:12 vegetation 35:17,21 35:25 36:11 37:24 41:17,18 vinyl 20:8 21:2 voc 22:13,17 vocs 17:9,10,19 22:22 24:21,24 25:13,17 vote 8:22,23 12:5 42:6,19,19</p> <p style="text-align: center;">w</p> <p>wade 1:8 wait 39:20 walk 35:12,20 37:6 38:23 39:5,19 40:5 40:13 wampum 7:4,6 11:21 45:3 46:12 49:19 wanda 1:16 3:23 10:20 12:25 14:20 28:3 29:23 33:15 35:7 36:12 38:15 42:16,23 want 2:24 3:3 11:4 19:1 23:19 32:20,22</p>
--	--	---	---

40:19,22 42:5,18,19 46:18 53:10 wanted 3:9,21 37:6 38:16 wants 16:19 water 16:6,10,13,21 18:1,15 19:12,18,22 20:1,9,14,18,21,24 21:3,7,21 22:6,10 22:14 23:7 25:25 26:14,19 27:14,15 38:24 44:17 waterways 37:20 way 44:14 49:5,9 50:23 ways 47:19,23 we've 27:11 51:13 website 30:15,18,19 weeks 43:25 45:8,16 46:10 welcome 47:6 wells 17:23 18:3,9 19:14,16 22:8,15 23:18,19,20,25 24:3 24:4,14 25:23 went 3:23 4:5,5 6:19 26:15 36:19 40:4 45:25 50:18 western 22:2 wildlife 41:21 wish 2:19 12:25 wondering 26:3,9 26:19 31:24 38:2 wooded 35:24 work 31:17 34:5 41:5 50:13 worked 6:9,16 30:2 31:9,13 working 15:18 28:20 works 30:9 32:18 wrap 52:20 written 28:14 47:20 wrong 48:6	wrote 42:11 50:12 www 30:22
	x
	x 5:6 xylenes 18:14 19:25
	y
	y 5:6 yeah 13:24 14:17 19:7 21:18 26:25 27:9,16 28:2 35:14 43:18 46:16 50:9 year 13:2 46:25 years 28:19 31:19 31:20 49:24 young 25:6
	z
	z 5:7 zinc 44:19,20 45:5,6 45:7,10 49:17