

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

IN RE:

FORT MONMOUTH RAB MEETING.

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)  
) TRANSCRIPT OF:  
) PROCEEDINGS  
)

\_\_\_\_\_  
Job No. NJ1787754

Thursday, January 9, 2014  
45 Riverside Avenue  
Building 455  
Oceanport, New Jersey

ORIGINAL

B O A R D M E M B E R S:

JAMES ALLEN - Fort Monmouth RAB

WANDA GREEN - Fort Monmouth RAB

BRIAN CHARNICK - Fort Monmouth RAB

RICHARD GRUSKOS - U.S. Army, Fort Monmouth RAB, Resident

FRANK BARRICELLI - Fort Monmouth RAB

LINDA RANGE - U.S. Army Fort Monmouth, NJDEP Case Manager

JOEL GRIMM - Fort Monmouth RAB

EDWARD DLUGOSZ - Fort Monmouth RAB

ALSO PRESENT:

Robert Youhas - Chenega Operations Services

Frank Accorsi - Chenega Operations Services

Allyson Kriney - Parsons

1                   TRANSCRIPT of the stenographic notes of  
2 the proceedings in the above-entitled matter, as  
3 taken by and before LYDIA F. McDONNELL, a Certified  
4 Shorthand Reporter and Notary Public of the State of  
5 New Jersey, held at U.S. ARMY FORT MONMOUTH, 45  
6 Riverside Avenue, Building 455, Oceanport, New  
7 Jersey, on Thursday, January 9, 2014, commencing at  
8 7:00 p.m.

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1 MR. ALLEN: At this time, I'd like to  
2 call to order the meeting of the United States Army  
3 Fort Monmouth Restoration Advisory Board for the  
4 January 9th, 2014, meeting.

5 You'll join me in the Pledge of  
6 Allegiance to the Flag.

7 (At this time, the Pledge of Allegiance  
8 to the Flag is given.)

9 MR. ALLEN: Thank you.

10 All right. You all should have a copy  
11 of the agenda. The first order of business will be  
12 to discuss the copy of the Army response to the TAP  
13 application. You want to do that at this time?

14 MS. GREEN: Yes.

15 MR. CHARNICK: What about the minutes,  
16 though?

17 MR. ALLEN: In a minute.

18 MS. GREEN: In the last meeting,  
19 Ms. Sara Breslow asked if the TAP had been responded  
20 to with an official letter. I did send everyone that  
21 e-mail and it was also distributed and discussed in  
22 our February meeting.

23 MR. ALLEN: Okay. At this time, I'd  
24 like to discuss the December 4th meeting minutes.  
25 Everyone has a copy. Has everyone had an opportunity

Restoration Advisory Board Meeting

Page 4

1 to review it? If you'd like more time, let me know.  
2 If not, we should, at this time, entertain a motion  
3 to approve, as circulated, the December 4th, 2013,  
4 minutes.

5 MR. DLUGOSZ: Jim, just a moment.

6 MR. ALLEN: Go right ahead, sir.

7 MR. DLUGOSZ: Okay.

8 MR. ALLEN: Thank you, sir.

9 Everyone had an opportunity to review  
10 the minutes. If that is the case, I'll entertain a  
11 motion for approval as circulated.

12 MR. BARRICELLI: So moved.

13 MR. ALLEN: Frank moved to approve. Is  
14 there a second, please?

15 MR. GRUSKOS: Second.

16 MR. ALLEN: It's Dick; right?

17 MR. GRUSKOS: Yes.

18 MR. ALLEN: Thank you, Dick.

19 Hearing no other objections, all those  
20 in favor of approving the minutes signify by saying  
21 "aye."

22 (All say "aye.")

23 MR. ALLEN: Opposed?

24 So ordered. They'll become part of the  
25 record.

Restoration Advisory Board Meeting

Page 5

1           At this point in time, I'll turn the  
2 meeting over to Ms. Wanda Green.

3           MS. GREEN: At the last meeting, I gave  
4 you an update of the RFP program that Parsons -- the  
5 sites that Parsons have submitted in the draft RFP --  
6 I mean, IRFS. I just recently, I think yesterday or  
7 the day before, received in addition, site M-14. So  
8 they are steadily moving along with the landfill  
9 sites for the RFP -- I mean, IRFS. So as I stated  
10 before, we're waiting for legal to finalize the first  
11 one, which was M-4, and once we get that finalized,  
12 we will then push out all of the other ones and get  
13 those to you as soon as possible.

14           I've been looking at the environmental  
15 website. We have noticed that some documents that  
16 should have been loaded were not there, things that  
17 were on the website before Picatinny took over the  
18 updating -- the maintenance of the website, so we are  
19 working on that, giving them documents to continue to  
20 upload. At the last meeting, Ms. Breslow stated that  
21 the minutes were not on the website and, of course,  
22 we had approved two sets of minutes. Those minutes  
23 are now on the website and there was one, I think,  
24 for February that should have been on the website  
25 that wasn't. That is now there also.

1           The other thing, the August to September  
2 2013 groundwater sampling that was performed, I told  
3 you that I would be giving you copies of the results.  
4 Because we are BRAC, our legal office will not allow  
5 me to give you any kind of draft. It is still in  
6 draft form, it has to be approved. The report is  
7 basically just a baseline report of where we are now.  
8 As you know, we haven't sampled -- prior to the  
9 August and September sampling, we haven't sampled  
10 since 2011. We want to get those results to you, but  
11 as I stated, we have to go through all of the  
12 procedures of getting all of the documents approved  
13 prior to publicizing them so I'm hoping that I will  
14 be able to forward that to you before our next  
15 meeting in April. However, we do have with us today  
16 someone from -- it says Jim Moore here, but we  
17 actually have Paul -- what's your last name, Paul?

18           MR. FESHBACH-MERINEY: Feshbach-Meriney.

19           MR. DLUGOSZ: Could you spell it, sir.

20           MR. FESHBACH-MERINEY: Yes.

21 F-e-s-h-b-a-c-h hyphen M-e-r-i-n-e-y.

22           MR. ALLEN: Thank you.

23           MS. GREEN: Now, what Paul is gonna  
24 do -- and you should have in your little package a  
25 copy of his presentation. Paul is just gonna give a

1 brief summary of the actual report that you will be  
2 receiving. After you receive the report and take a  
3 look at this document, if you have any additional  
4 questions or if you would like a more thorough  
5 presentation after you see the report, we can do that  
6 for the next meeting. So at this time, I'd like you  
7 to give your attention to Paul and your handout.

8 MR. FESHBACH-MERINEY: Good evening. My  
9 name is Paul Feshbach-Meriney; I'm with Parsons. I'm  
10 a geologist there. Tonight I'm gonna give a  
11 high-level overview of the 2013 baseline groundwater  
12 sampling that Wanda just mentioned. There's pretty  
13 much three items -- four items on the agenda tonight.  
14 I want to go over some of the sampling objectives and  
15 talk about some of the methods that we used. One of  
16 them is one that's been used quite a bit in the past  
17 on this site and another one which is fairly new for  
18 Fort Monmouth. The next thing I want to talk to you  
19 about is just to review the number of sites that were  
20 sampled for the programs so you have an idea of what  
21 those sites are, and then go through a series of  
22 about 20 maps to give you a flavor for what the  
23 groundwater sampling results show. So that will be  
24 what you'll see tonight.

25 So for objectives, Wanda already stated

1 this earlier, because of the time which elapsed since  
2 the 2011 programs, we wanted to reestablish the  
3 baseline groundwater sampling results at the sites.  
4 I thought it was a good idea to help us move forward  
5 in identifying, you know, in the future, wells we  
6 want to sample for our long-term groundwater  
7 monitoring program. That was really one of the main  
8 objectives of the program. We performed this  
9 sampling in August and September of 2013. Next  
10 slide, please.

11 So in terms of sampling methods there  
12 are two lists on this slide here, one of them is low  
13 flow purge sampling or LFPS. That is a standard  
14 procedure that's been used in the past on this site,  
15 it's a relatively slow procedure which you generate  
16 water from the well, you pump it from the well and  
17 you generate what's called investigation-derived  
18 waste or purge water and this particular method  
19 allows for the collection of samples for pretty much  
20 a wide variety of analyses from volatiles to  
21 semivolatiles, et cetera. So that's what's been used  
22 on the site in the past.

23 The second method up here is passive  
24 diffusion bag sampling or PDB sampling and this is a  
25 type of sampling which does not involve active



1 purging of the well, it reduces the number of  
2 man-hours out in the field and it also reduces the  
3 amount of purge water you're gonna dump with because  
4 there isn't any purge water, essentially, when you  
5 collect the sampling. So that's really -- the  
6 purpose of this slide is to point out those two  
7 facts: Low flow purge sampling generates purge  
8 water, passive diffusion bags don't.

9 Another thing we wanted to accomplish  
10 with the methods here was to perform a correlation  
11 study where we could prove to the State of New  
12 Jersey, because that's required for the New Jersey  
13 Field Sampling Procedures Manual, that the passive  
14 diffusion bags perform as well as the low flow  
15 sampling method. So that was another thing that we  
16 accomplished for the baseline program. Next.

17 MR. DLUGOSZ: So you're saying that  
18 there's no difference in the results between the two?

19 MR. FESHBACH-MERINEY: That will be in  
20 the report that you'll get, but that's what we're  
21 gonna show -- we'd like to show. And you'll see all  
22 of the details, but that's the theory because you  
23 have to demonstrate that and it has been demonstrated  
24 many times in the past, but we need to do it at this  
25 site as well.

1 MR. DLUGOSZ: Okay.

2 MR. FESHBACH-MERINEY: Now, again, the  
3 passive diffusion bags are only good for volatile  
4 organic sampling so at sites where we're only doing  
5 VOCs, you would want -- you know, the idea would be  
6 to try to correlate the VOC concentrations with the  
7 low flow purging samples, and then go to passive bags  
8 after that.

9 So this is -- the next couple of slides  
10 just give you a little more detail. I already talked  
11 about the different methods. This particular method,  
12 the low flow purging sample, you take a pump, you  
13 submerge it in the water in the well and you pump  
14 that -- that well at a very low flow rate and you try  
15 not to get any drawdown in the well when you're doing  
16 that and all the water that's coming out of the well  
17 that you're purging has to be containerized and  
18 characterized and disposed of, so that's the --  
19 that's the process for low flow purge sampling. Next  
20 slide, please.

21 So passive diffusion bags are very  
22 different, they're basically membrane-capsulated  
23 bags. It's usually a polyethylene bag that's  
24 prefilled with ionic water that's cleaned and that  
25 usually comes from the laboratory and those bags are

1 lowered into the well to a specific depth and the  
2 idea is that the volatile organics get fused through  
3 the membrane in the bag until the concentration in  
4 the bag is the same as it is in the well so that --  
5 that period of time needs to occur. You put the bag  
6 in and there's a minimum of two weeks required for  
7 that bag to sit in the well for that to happen so  
8 then you retrieve the bag after two weeks, transfer  
9 the sample to a bottle, and then you send the sample  
10 off to the lab.

11 Are there any questions on those two  
12 methods?

13 Okay. This slide is intended to just  
14 give you an idea of the breadth of samples that were  
15 taken at the various sites. So at 14 sites, we used  
16 only low flow purging samples. And I'm not gonna go  
17 through each one of them, they're listed here.

18 At each site, they were analyzed on a  
19 case-by-case basis for a number of compounds:  
20 volatiles, semivolatiles, metals or pesticides. At  
21 seven of the sites, we sampled for PBDs, and these  
22 are sites where we're analyzing for volatile organics  
23 and those sites are listed here. Then the subset of  
24 these sites, three of them we sampled for both PBDs  
25 and low flow purging sample methods so we could do

1 the correlation between the two results.

2 MR. DLUGOSZ: Why only three?

3 MR. FESHBACH-MERINEY: We picked a  
4 subset to look at that we thought was a good cross  
5 section from the places where we do volatile organic  
6 analysis rather than every single one. We'll outline  
7 in the report why we selected the different sites  
8 that we did and you'll see that.

9 MR. DLUGOSZ: Since we don't know when  
10 they're coming and there's gonna be some time in  
11 between, could you just give me some idea why --

12 MR. FESHBACH-MERINEY: Well, because --

13 MR. DLUGOSZ: -- they're at a higher  
14 level?

15 MR. FESHBACH-MERINEY: -- you can  
16 generate enough data with three sites -- more than  
17 three wells to demonstrate the PBDs as well as oil.  
18 It's like taking a subset of -- you know, you could  
19 have 1,000 wells and you could sample some number to  
20 demonstrate the concept.

21 MR. GRUSKOS: I have a question.

22 In terms of, like, why only the volatile  
23 organics? Were these sites chosen? Had they already  
24 been prescreened not to show the other...

25 MR. FESHBACH-MERINEY: Correct. The

1 analytical programs are based on the previous  
2 sampling events that have occurred at Fort Monmouth.

3 MR. GRUSKOS: So at those previous ones,  
4 that sort of identified that --

5 MR. FESHBACH-MERINEY: Right, volatiles  
6 was the issue and it's been sampled for a number of  
7 years.

8 MR. GRUSKOS: So basically this  
9 technique is being used only on the ones where  
10 volatiles were the issue.

11 MR. FESHBACH-MERINEY: Correct. But  
12 there may be sites where, like, volatiles and metals,  
13 for example, you'll see later, that's because that's  
14 been the long-term sampling program in the past. So  
15 we -- we performed the same type of analyses.

16 MR. DLUGOSZ: Okay.

17 MS. GREEN: The report will include the  
18 historical data also, not just what they did in  
19 September to -- August to September. So you'll see  
20 all of that. We have some new folks on the RAB, so  
21 that's why.

22 MR. FESHBACH-MERINEY: Any questions on  
23 the number of sites that were sampled? Okay. Next  
24 slide.

25 So here's a slide I told you about

1 earlier, it's kind of a high-level view of the  
2 results of each site. Each map contains an outline  
3 in red for the particular site, it also contains --  
4 and you can't see it too well, but they're blue well  
5 symbols, and those are here, here and here, which are  
6 the monitoring wells on the site. And then down at  
7 the bottom is kind of a high-level summary of what we  
8 found.

9           So at Fort Monmouth Site 2, we analyzed  
10 for VOCs and pesticides and the results show that two  
11 VOCs were detected in one well that exceeded the New  
12 Jersey DEP groundwater quality standard. That  
13 procedure is shown with the green circle here on the  
14 map. So where you see green circles on the wells,  
15 that's where the exceedances of the groundwater  
16 quality standard occurred, and no pesticides were  
17 detected. Next slide.

18           At Fort Monmouth Site 3, we analyzed for  
19 VOCs and metals, one VOC was detected in one well  
20 that exceeded the groundwater quality standard, and  
21 that well is right up in here. No metals were  
22 detected above background site concentrations. Next  
23 slide.

24           At Site No. 4, we analyzed the  
25 groundwater for VOCs and metals and no VOCs were

1 detected above the groundwater quality standard.  
2 There was one metal that was detected in two wells  
3 that was in exceedance of the standard, and those two  
4 wells are shown here at this portion of the site.  
5 Next.

6 MR. DLUGOSZ: Do you happen to know  
7 offhand what those metals were?

8 MR. FESHBACH-MERINEY: No, I don't.

9 MR. ALLEN: So far, that's all on the  
10 Main Post?

11 MR. FESHBACH-MERINEY: All on the Main  
12 Post, yes. There are three sites on Charles Wood, if  
13 I remember correctly.

14 MR. ALLEN: Okay.

15 MR. CHARNICK: How did you determine the  
16 site background level of metals?

17 MR. FESHBACH-MERINEY: There were  
18 previous background studies done by a number of  
19 organizations in the past that generated that data  
20 for us and we're using that.

21 MR. CHARNICK: At Fort Monmouth?

22 MR. FESHBACH-MERINEY: At Fort Monmouth,  
23 yes.

24 MR. CHARNICK: So you use that data?

25 MR. FESHBACH-MERINEY: Yes.

1 MR. CHARNICK: Okay. Like naturally  
2 recurring Monmouth County soils?

3 MR. FESHBACH-MERINEY: Correct.

4 MR. CHARNICK: Okay.

5 MR. FESHBACH-MERINEY: At Site No. 5, we  
6 analyzed the groundwater for volatile organics and  
7 four VOCs were detected at four wells which were in  
8 exceedance of the groundwater quality standard and  
9 those wells are shown, again, with the green circles.  
10 Next.

11 At Site No. 8, which is a landfill site,  
12 groundwater was analyzed for VOCs, pesticides and  
13 lead and the results showed -- in this case, we're  
14 giving the actual name of the compound that was  
15 detected which is a volatile organic,  
16 tetrachloroethene. In the past, we would have just  
17 said VOCs here for the other slides. It was detected  
18 at one well here in exceedance of the groundwater  
19 quality standard in that well sampling. Next.

20 At Site No. 12, groundwater was analyzed  
21 for lead and lead was not detected above the  
22 groundwater quality standard. Next.

23 Site No. 14, groundwater was analyzed  
24 for VOCs and no VOCs were detected above the  
25 groundwater quality standard. Next.



1 Site No. 18, again, analyzed for  
2 volatile organics and two VOCs were detected in one  
3 well and that one well is up here and those VOCs were  
4 detected above the groundwater quality standard.

5 Next slide.

6 Site No. 22, this is over in Charles  
7 Wood, analyzed for VOCs and one volatile organic was  
8 detected in one well in exceedance of the groundwater  
9 quality standard and that well is shown in the middle  
10 of 29. Next.

11 Site No. 25 was analyzed for VOCs,  
12 pesticides and metals. One metal was detected in  
13 five monitoring wells -- that should say four  
14 monitoring wells there, that's a typo -- that was in  
15 exceedance of the groundwater quality and you could  
16 see the exceedances indicated by the green circle.

17 MR. DLUGOSZ: You said four monitoring  
18 wells, not five?

19 MS. GREEN: Yes.

20 MR. FESHBACH-MERINEY: Yeah, it should  
21 say four monitoring wells here, not five. Next.

22 This is Site No. 53, a former gas  
23 station. It was analyzed for volatile organics and  
24 five volatile organics were detected in five wells  
25 and those wells are shown in these circles in the

1 service station area. Next.

2 Site No. 54, groundwater was analyzed  
3 for volatile organics and lead. One volatile organic  
4 was detected in one well and that well is shown here.

5 I think -- is there one more slide?

6 Site No. 55 was analyzed for lead and  
7 lead was not detected above site background.

8 Site No. 56 was also analyzed for lead  
9 and lead was not detected above the groundwater  
10 quality standard.

11 Site No. 57, UST gasoline release was  
12 analyzed for volatile organics, pesticides and metals  
13 and there were no volatile organics or pesticides  
14 detected above the groundwater quality standard.

15 MR. DLUGOSZ: I'm trying to understand  
16 where this is located. This is out, you know, on  
17 this side of the street, but I'm trying to understand  
18 where.

19 MR. FESHBACH-MERINEY: We have a map. I  
20 have a map in my... do we have a map there?

21 MR. GRUSKOS: It's over there.

22 MR. DLUGOSZ: I know. I see Riverside,  
23 but I'm just trying to...

24 MR. YOUHAS: Right over here.

25 MR. DLUGOSZ: Okay.

1 MR. ALLEN: What municipality?

2 MR. DLUGOSZ: Oceanport.

3 MR. ALLEN: Thank you.

4 MR. FESHBACH-MERINEY: So at this site,  
5 though, even though no VOCs or pesticides were  
6 detected, there were two metals detected in three  
7 wells that were above the -- above site background.  
8 So you can get the flavor of what's going on in a lot  
9 of the sites. There are not a lot of exceedances of  
10 the water quality standard compared to the samples  
11 that we collected and you'll see that in the report.  
12 Next slide.

13 Site No. 58, a former gasoline  
14 underground storage tank was analyzed for VOCs and no  
15 VOCs were detected above the groundwater quality  
16 standard.

17 Site 59, a very similar story, analyzed  
18 for VOCs and no VOCs were detected above the  
19 groundwater quality standard. Next.

20 Site 61 --

21 MR. DLUGOSZ: Excuse me. Going back  
22 to 59.

23 MR. FESHBACH-MERINEY: Yup.

24 MR. DLUGOSZ: That building is 1122.

25 This is the site that's supposed to have a carveout

1 from the larger...

2 MS. GREEN: From the motor pool area?

3 MR. DLUGOSZ: Yeah. And, you know --

4 MS. GREEN: Yeah, it's the one --

5 MR. DLUGOSZ: -- seeing that there's no  
6 VOCs at a site that's been, you know, annotated or  
7 identified as having high -- high levels --

8 MS. GREEN: 1122 needed additional  
9 sampling performed. We had wells there that hadn't  
10 been sampled since we had closed so the carveout is  
11 part of Phase I, I guess, it was. When the motor  
12 pool was gonna be taken over by the county, they -- I  
13 think they initially wanted 1122 also and that's why  
14 they couldn't have it because we had additional  
15 things that needed to be performed there because  
16 before we closed they had taken soil samples and  
17 found contamination, and then we installed wells, but  
18 we hadn't sampled those wells yet.

19 MS. RANGE: And we still have questions  
20 out there.

21 MR. DLUGOSZ: Yeah, this is one of the  
22 things that are highlighted in one of the... you  
23 know, it was right there in Eatontown, that's where  
24 I'm from. To find that there was no -- no detection,  
25 interesting.

1 MR. FESHBACH-MERINEY: Okay. Next.

2 Site No. 61 is a former gasoline storage  
3 area analyzed for volatile organics and lead and no  
4 volatile organics or lead were detected above the  
5 groundwater quality standard. Next.

6 Site No. 64 is a similar story, analyzed  
7 for VOCs and lead and no VOCs were detected above the  
8 standard; however -- I'm gonna lean over your  
9 shoulder -- lead was not detected over the site  
10 background concentration so in this case, the  
11 investigation focused on lead instead of all the  
12 metals so that's why lead is particularly called out.

13 Site No. 66 was analyzed for volatile  
14 organics, semivolatile organics and lead and none of  
15 those compounds were detected above the groundwater  
16 quality standard. Next.

17 Site No. 68, a former dry cleaners. At  
18 this site, the groundwater was analyzed for volatile  
19 organics and six volatile organics were detected in  
20 two monitoring wells and those wells are shown here  
21 and those concentrations were above the groundwater  
22 quality standard.

23 And I think that's the last one, right,  
24 Robert?

25 MR. YOUHAS: Yes.

1 MR. FESHBACH-MERINEY: So that's --  
2 again, the slides got a little repetitive in the  
3 maps, but I think that gives you a flavor for what  
4 the results were and you'll see all of those results  
5 in the report that Wanda mentioned earlier that's  
6 gonna be circulated.

7 MR. GRUSKOS: The report that's gonna be  
8 put out, I'm assuming none of these sites actually  
9 had active remediation efforts over the years  
10 undertaken to attempt to come into compliance; right?  
11 Is that listed in your report as well?

12 MS. GREEN: No, not this report. That  
13 was the individual site that will --

14 MR. GRUSKOS: Be indexed.

15 MS. GREEN: -- where you will see if we  
16 did injections. But as far as remediation, all of  
17 that was performed years ago.

18 MR. GRUSKOS: Right.

19 MS. GREEN: The only type of remedial  
20 action we performed over the past few years would  
21 have been injections in a few of the sites. Yeah,  
22 otherwise, it was just monitoring the actual  
23 continuation. And 699 had a pump and treat.

24 MR. FESHBACH-MERINEY: This report is a  
25 previous data report, essentially.

1 MS. GREEN: Yes.

2 MR. FESHBACH-MERINEY: And as Wanda  
3 mentioned before, the data that we just collected  
4 will also summarize the historical data.

5 MR. CHARNICK: Are there different  
6 groundwater quality standards for residential and  
7 commercial use or is it just one -- one set of  
8 numbers?

9 MR. FESHBACH-MERINEY: In New Jersey  
10 there's the groundwater quality standard for Class  
11 II-A groundwater. That's the only standard there is.  
12 There's no residential and nonresidential number.

13 MR. CHARNICK: Just one number, okay.

14 MR. ALLEN: Any other questions for  
15 Paul?

16 MR. MOORE: Just one question.

17 Did you find any evidence, to your  
18 knowledge, of any free product in any of the wells  
19 that you sampled?

20 MR. FESHBACH-MERINEY: Not to my  
21 knowledge.

22 MR. DLUGOSZ: Could you define "free  
23 product"?

24 MR. MOORE: Floating oil.

25 Most of these sites are underground

1 storage tank sites so one would expect, if there was  
2 a source there, you would see oil in the well. And I  
3 was just asking to see if that was observed, and he  
4 said, No.

5 MR. ALLEN: Sir, could you give your  
6 name, for the record.

7 MR. MOORE: Yes. My name is Jim Moore,  
8 and I'm with the Corps of Engineers.

9 MR. ALLEN: Thank you.

10 MS. GREEN: And just so everyone knows,  
11 they work together. That's the only reason why we  
12 have someone from the audience asking questions at  
13 this time. That's really just Jim's way of giving  
14 that statement to you instead of asking because he  
15 knew the answer before he asked it.

16 MR. FESHBACH-MERINEY: He was gonna give  
17 the presentation, but...

18 MR. DLUGOSZ: Jim was a former employee  
19 here --

20 MR. MOORE: Yes.

21 MR. DLUGOSZ: -- and we've met many  
22 times.

23 MR. MOORE: Yes, we have. But I thought  
24 that was an important bit of information for the RAB  
25 to know, that they didn't find any evidence of



1 floating free product and the groundwater results all  
2 support that.

3 MR. GRUSKOS: I just --

4 MR. KALOSS: I have a question.

5 MR. ALLEN: One second, sir. Are you  
6 from the audience?

7 MR. KALOSS: Is it all right for me to  
8 speak, sir?

9 MR. ALLEN: Let me ask a member of the  
10 board to speak, he just had a question. Would you  
11 take a seat for a second?

12 MR. KALOSS: Oh, certainly. Certainly.

13 MR. GRUSKOS: I just had a question.

14 All these sites are ones currently under  
15 review by the State of New Jersey --

16 MS. RANGE: Yes.

17 MR. GRUSKOS: -- so they're all in that  
18 pending...

19 MS. RANGE: Still open.

20 MR. GRUSKOS: Still open, okay.

21 MR. ALLEN: Sir, I have seven on the  
22 agenda as public commentary. How does anyone feel  
23 with regard to this gentleman making a comment?

24 MR. DLUGOSZ: I think it would be okay  
25 at this point. It's probably gonna be specific.

Restoration Advisory Board Meeting

Page 26

1 MR. ALLEN: When you stand up, sir, just  
2 make sure you give us your name.

3 MR. KALOSS: I'm Doc Kaloss. I'm from  
4 the Oceanport Environmental Commission. I'm the vice  
5 chairman thereof.

6 MR. ALLEN: Thank you very much. Go  
7 ahead.

8 MR. KALOSS: You're welcome. Certainly.

9 I have two questions, sir. One, give me  
10 a rough idea of what the time frame is in terms of  
11 years, how long this has taken.

12 MS. GREEN: Years for what? For --

13 MR. KALOSS: The time frame. Does it go  
14 back to 1910, 1912 --

15 MR. FESHBACH-MERINEY: I'm not quite  
16 sure --

17 MR. KALOSS: -- 2013 or 20 what?

18 MR. FESHBACH-MERINEY: Time frame for  
19 what? For the Fort Monmouth facility or for...

20 MS. GREEN: The RFP site?

21 MR. KALOSS: The testing.

22 MS. GREEN: We have historical data  
23 for approximately about 15 years. The past 15 years  
24 or so.

25 MR. KALOSS: Okay. That's fine.

1                   The other question I have is who has  
2 footed the bill for this and about how much does it  
3 cost?

4                   MS. GREEN: The Army foots the bill and  
5 I don't have exact dollars, but some of our older --  
6 our RAB reports have costs associated with it, but  
7 it's not cheap.

8                   MR. KALOSS: Well, we certainly know  
9 that it's not cheap. So we don't -- we have no idea  
10 of what it would actually cost?

11                   MS. GREEN: I don't have an exact  
12 number, but it's in the thousands.

13                   MR. KALOSS: Okay. Thank you.

14                   MR. ALLEN: Over the years I've seen  
15 bids in the amount of millions of dollars so --

16                   MS. GREEN: Yeah, over the years --

17                   MR. ALLEN: -- it's a lot of money.

18                   MS. GREEN: -- it's been millions.

19                   MR. ALLEN: Over the years, millions.

20                   MR. KALOSS: All right. Thank you.

21                   MS. GREEN: Thank you, Paul.

22                   MR. ALLEN: Thanks.

23                   MS. GREEN: At the last RAB meeting I  
24 distributed M-16 RAR, Remedial Action Report, and at  
25 this time you have the handout. Everyone should have

1 a copy. So Mr. Robert Youhas from my office will be  
2 giving a summary of this report.

3 MR. YOUHAS: Hello, everybody.

4 MR. ALLEN: Give the young lady your  
5 full name.

6 MR. YOUHAS: My full name, Robert  
7 Youhas. I work for Chenega Operations Services. I  
8 will be doing a quick summary of the FTMM-16 site  
9 which was a former pesticide storage area.

10 The FTMM-16 site basically consisted of  
11 a single building, a one-story building known as  
12 Building 498 along with a surrounding grassy and  
13 asphalt paved area. The Fort Monmouth Marina is  
14 actually located south. Directly south of the site.  
15 The building itself was constructed in 1939 and used  
16 as a U.S. Army pesticide control shop in the 1940s  
17 and 1950s. Since the '50s, Building 498 was used as  
18 a general storage warehouse, and since the closure of  
19 Fort Monmouth in September 2011, the pesticide --  
20 former pesticide Building 498 has been vacant.

21 And you could see on the map here, it's  
22 not too clear, but the FTMM-16 site is directly off  
23 of Riverside Avenue. So if you were coming up here,  
24 to the RAB meeting tonight up Oceanport Avenue, this  
25 would be, like, your first right on Riverside Avenue.

1 It's kind of the second building right here.

2 MR. DLUGOSZ: It's right next to the  
3 courthouse that we were formerly in.

4 MR. YOUHAS: Correct. That's right.  
5 This is the marina right here. And further down  
6 Riverside Avenue is the Fort Monmouth 400 area, and  
7 our current building is directly up here.

8 This is a view of Building 498 from the  
9 north. This picture was taken in June of 2013. Back  
10 here you could see the marina, and this is Riverside  
11 Avenue right here in front.

12 This is a view from the south also taken  
13 on the same day and the current building we're at  
14 right now is kind of beyond this building over here.  
15 Riverside Avenue is along here, and Oceanport Avenue  
16 runs perpendicular.

17 Some of the site investigation and  
18 remediation that went on at this site; site  
19 investigation and remediation activities were  
20 performed from 1993 through 2012. Initial soil  
21 sampling was conducted, and that confirmed the  
22 presence of pesticide compounds in the shallow soils  
23 surrounding the former pesticide storage Building 498  
24 due to historical spills during mixing and handling  
25 of the pesticides in the building.

1           After the initial soil sampling was  
2 conducted, additional rounds of soil samplings were  
3 conducted three additional times in three separate  
4 phases to further define the boundaries of pesticide  
5 concentrations in soil, as well as the depths. After  
6 soil sampling was conducted and the boundaries of the  
7 pesticides were determined, contaminated soil was  
8 excavated and disposed of off site. And to determine  
9 if pesticides had impacted site groundwater, we  
10 installed 3D groundwater monitoring wells around the  
11 perimeter of the site.

12           Here is a listing of pesticides that  
13 were detected in the soil at FTMM-16. They're  
14 basically all insecticides including DDT and its  
15 breakdown products, DDD and DDE. It also includes  
16 aldrin, dieldrin, lindane, also known as gamma-BHC,  
17 chlordane, heptachlor, and heptachlor's breakdown  
18 product, heptachlor epoxide.

19           This is a soil excavation map that was  
20 put together. It's kind of tough to see on the  
21 screen. It's actually included in the report in a  
22 big poster-size layout, but to get your bearings,  
23 this building right here is Building 498, and  
24 surrounding this, these different colors represent  
25 the different depths that were excavated -- that soil

1 was excavated at. So, for example, say this light  
2 blue color was excavated down to possibly three feet  
3 below ground surface, say the green was probably two  
4 feet below ground surface. This basically is based  
5 on the results from the soil sampling that was  
6 conducted, and these little black dots you see  
7 throughout the map, that was actually a soil sampling  
8 grid that was set up initially to sample the site to  
9 determine the actual boundaries and delineation of  
10 the pesticide concentrations.

11 MR. GRUSKOS: Could I ask a question  
12 here?

13 MR. YOUHAS: Sure.

14 MR. GRUSKOS: What's the deepest depth  
15 that was excavated?

16 MR. YOUHAS: It was approximately four  
17 feet.

18 MR. GRUSKOS: Is that a color  
19 designation in this or...

20 MS. GREEN: You have a -- I gave out CDs  
21 last week, you'll be able to see it easier.

22 MR. GRUSKOS: Okay.

23 MR. YOUHAS: Yeah, it's just -- that's  
24 kind of the way they went about doing it.

25 On this map, too, you can see some of

1 the monitoring wells. This is a monitoring well  
2 right here, here, and up here. Kind of down by the  
3 red dots on the screen. And that would kind of, you  
4 know -- actually, installed the wells where the  
5 highest concentrations of pesticides were detected in  
6 order to determine if anything -- any of the  
7 pesticides impact groundwater.

8 MR. DLUGOSZ: Where is the Oceanport  
9 Creek in this map? Is the blue on top just part of  
10 your package?

11 MR. YOUHAS: Yeah, this is -- right up  
12 here is Riverside Avenue, and Oceanport Creek would  
13 be down in this area right here, right below on the  
14 bottom of the screen.

15 MR. DLUGOSZ: Okay.

16 MR. YOUHAS: Some of the cleanup  
17 results; approximately 1,296 tons of soil were  
18 excavated and disposed of off site, which you'll see  
19 the boundaries that were in the last -- the previous  
20 line comprised of 1,296 tons. Two consecutive rounds  
21 of groundwater sampling were performed and the  
22 results were non-detect, meaning that no pesticides  
23 were detected in the groundwater. So basically all  
24 of the pesticide-contaminated soil was pretty much at  
25 the surface of the property. Soil was successfully



1 delineated to the NJDEP's residential soil standards  
2 and the report kind of includes all of the results,  
3 all of the maps and everything else that was  
4 submitted to the DEP in October 2013 and that report  
5 posed no further action and also included a Deed  
6 Notice as well. I'll talk about a Deed Notice in  
7 later slides.

8           As part of the baseline ecological  
9 evaluation, we had a presentation, I believe, last  
10 year that discussed that and the results. Shaw  
11 Environmental completed the baseline ecological  
12 evaluation between June and October of 2010 and as  
13 part of the ecological evaluation, sediment at  
14 surface water samples were collected from Oceanport  
15 Creek in the Fort Monmouth Marina area which is  
16 directly south of the FTMM-16 site and samples were  
17 collected both upstream as well as downstream from  
18 the site within the creek.

19           Now, based on the sample results,  
20 pesticides were not determined to be considered  
21 COPECs or contaminants of potential ecological  
22 concern for either sediment or surface water in  
23 Oceanport Creek and the DEP also reviewed the  
24 baseline ecological evaluation and in August 2012  
25 issued a letter to the Army stating no additional

1 ecological evaluation or assessment for the Main Post  
2 of the Charles Wood area. This FTMM-16 site belongs  
3 to the Main Post area and so the NJDEP proved that  
4 there's no additional investigation or evaluation  
5 for -- for the creek site.

6 A Deed Notice was also submitted along  
7 with the FTMM-16 report to the state. Basically a  
8 Deed Notice is a safeguard that protects public  
9 health, safety and environment and restricts certain  
10 future uses of the property and provides notice to  
11 subsequent owners, lessees and operators of the  
12 restrictions: monitoring, maintenance, biannual  
13 inspections and certain certifications required under  
14 New Jersey State law.

15 MR. ALLEN: So that runs through the  
16 property, that Deed Notice?

17 MR. YOUHAS: Correct.

18 MR. ALLEN: Is that filed with the  
19 county or the state?

20 MS. RANGE: County.

21 MR. ALLEN: County. Thank you.

22 MR. YOUHAS: This is more about the Deed  
23 Notice. This was also submitted with the report, and  
24 basically you do a Deed Notice because several areas  
25 had residual pesticide concentrations that exceeded

1 the DEP's residential soil standards; however,  
2 everything -- all the rest of the soil is compliant  
3 with the nonresidential soil standards that's  
4 currently at the site. This property is currently  
5 nonresidential, so it's compliant with nonresidential  
6 soil standards and usage.

7 This is an example of what the Deed  
8 Notice looks like directly from the report. I tried  
9 to squash the two images on a slide. The picture on  
10 the left shows a surveyed area of the Deed Notice.  
11 You'll see this is Building 498 right in the middle  
12 here and this perimeter around here would be the  
13 perimeter of the Deed Notice. So there'll be  
14 restrictions on the use of the property as defined by  
15 this, and right here is the coordinates, the X, Y, Z  
16 coordinates for the deed itself.

17 MR. ALLEN: Whose responsibility does it  
18 fall under to file that with the county? What  
19 agency?

20 MS. RANGE: It's the property owner's.

21 MR. ALLEN: Which is the United States  
22 Army.

23 MR. YOUHAS: Right. Correct.

24 MR. ALLEN: Thank you.

25 MR. YOUHAS: That just gets passed on

1 from owner to owner.

2 MR. BARRICELLI: I have a question.

3 MR. YOUHAS: Sure.

4 MR. BARRICELLI: Frank Barricelli. I  
5 have a question on that.

6 Because the Army sells the property to  
7 FMERA, wouldn't it be FMERA who has to get the Deed  
8 Notice?

9 MS. RANGE: It's up in the air right  
10 now.

11 MR. BARRICELLI: Okay.

12 MS. RANGE: It's under discussion.

13 MR. BARRICELLI: Yeah, that was kind of  
14 confusing in the report.

15 MS. RANGE: Yeah, and I don't -- I don't  
16 know that there is an actual resolution right now.  
17 So the way the draft Deed Notice is written right  
18 now, FMERA is listed as the owner.

19 MR. BARRICELLI: Okay.

20 MR. DLUGOSZ: That's an issue with all  
21 the properties, this flipping, if you will.

22 MR. GRUSKOS: If you could, just from  
23 DEP's viewpoint, could you just explain how this --  
24 has this already been acted on, accepted or...

25 MS. RANGE: I completed a review. I do

1 have a couple of comments which I have not spoken to  
2 Wanda about yet. We had approved quite some time ago  
3 conceptually that this was going to take place, so we  
4 have no problems with what's going to be remaining on  
5 the property. It's basically just a couple of tweaks  
6 we need to see. Like I said, I haven't even  
7 discussed this with Wanda yet. It's -- it's very  
8 standard practice to leave levels of this nature in  
9 place in a situation like this.

10 MR. GRUSKOS: And as far as, like, is  
11 the natural continuation anticipated at some point on  
12 these or these are just sort of, like, continued to  
13 be contaminated forever at these levels?

14 MS. RANGE: Yeah, I'm not saying it  
15 won't degrade --

16 MR. GRUSKOS: No, it's just a question.

17 MS. RANGE: -- but I'm not --

18 MR. GRUSKOS: You're not anticipating  
19 it.

20 MS. RANGE: -- but we're not  
21 assuming that that's going to happen, no.

22 MR. GRUSKOS: So it's not, like,  
23 eventually these will just disappear, it will be just  
24 carried on forever and ever.

25 MS. RANGE: Right now, we're assuming

1 they're going to be there in perpetuity.

2 MR. GRUSKOS: And then as far as  
3 restrictions on potential users, what would be  
4 typical in this area? Like, not to disturb the soil  
5 or...

6 MS. RANGE: Really, the main restriction  
7 is no residential use.

8 MR. GRUSKOS: Right.

9 MS. RANGE: And as far as disturbing the  
10 soil, you're not really supposed to disturb the soil.  
11 If you disturb the soil, you're supposed to put it  
12 back in "X" number of weeks. But it's -- it's really  
13 residential use that we're concerned with.

14 MR. GRUSKOS: But I'm saying if someone  
15 paved over that, would that be an accepted use from  
16 the DEP's viewpoint?

17 MS. RANGE: Sure. Absolutely. That's  
18 even better.

19 MR. GRUSKOS: Tennis courts, paved  
20 parking lots, stuff like that would be deemed  
21 appropriate?

22 MS. RANGE: Yes.

23 MR. DLUGOSZ: If I recall correctly,  
24 this property is going to be part of the marina  
25 overall, so that would have to be -- you know, it

1 would have to be considered, you know, in what's done  
2 there.

3 MR. GRUSKOS: The main thing I'm saying  
4 is you wouldn't build over the top of this, like --

5 MS. RANGE: You could build over it --

6 MR. GRUSKOS: -- structures.

7 MS. RANGE: -- you just -- you  
8 absolutely can build any kind of structure over it,  
9 it's just we don't want residential use.

10 MR. GRUSKOS: Right. So a working  
11 facility of some sort or another, warehouses or --

12 MS. RANGE: Not a problem. There could  
13 be workers there, there could be any --

14 MR. GRUSKOS: Right. This is the first  
15 one I've had, so thank you for explaining it to me.

16 MS. RANGE: Sure.

17 MR. ALLEN: Is that outlined on the  
18 individual deed restriction?

19 MS. RANGE: As far as that it's  
20 restricted against residential use, yes.

21 MR. ALLEN: So if I went to the county  
22 in Freehold and looked up a particular location and  
23 map coordinate, I would find that there's a  
24 restriction filed with the county?

25 MS. RANGE: By block and lot.

1 MR. ALLEN: By lot and block. Thank  
2 you.

3 So some of it -- hasn't some of it been  
4 so far?

5 MS. GREEN: No, because we haven't  
6 received a response back yet.

7 MR. ALLEN: Oh, I see. But none of that  
8 property is on the market for sale until that occurs.

9 MS. GREEN: It's part of the process  
10 with FMERA as far as it being transferred.

11 MR. ALLEN: That's their mission,  
12 correct.

13 MS. GREEN: But once it -- when it is  
14 transferred, the deed and everything will go with it.

15 MR. ALLEN: Yeah, so the individual  
16 interested in purchasing that will have full, clear  
17 knowledge of what they've got and their  
18 responsibilities going forward.

19 MS. GREEN: Yes.

20 MR. ALLEN: Thank you.

21 MR. YOUHAS: Okay. So this is  
22 approximately a half an acre, the deed-restricted  
23 area, and this map on the right, it's also included  
24 in the report, this includes all the sample points  
25 that delineate the entire deed-restricted area, as



1 well as the concentrations or samples that we left  
2 behind that will be exceeding the residential  
3 standards that's, you know, required as part of the  
4 Deed Notice. It's a boilerplate document that the  
5 DEP has. Fill out all of the requirements that they  
6 have.

7 MR. DLUGOSZ: Going back to the marina.  
8 If this is gonna be a marina, it's a recreational --  
9 it probably is a recreational facility. That's not  
10 the same as residential?

11 MS. RANGE: Correct.

12 MR. ALLEN: Any other questions?

13 Go ahead, Frank.

14 MR. BARRICELLI: Yeah, I'm reading the  
15 document. There was an indication that whoever  
16 purchases property has to, is it twice a year or  
17 something, report?

18 MS. RANGE: Every two years.

19 MR. BARRICELLI: Every two years. And  
20 that letter goes to the NJDEP --

21 MS. RANGE: Uh-huh.

22 MR. BARRICELLI: -- and they report  
23 status, maintenance --

24 MS. RANGE: They maintain a checklist  
25 form, yes.

Restoration Advisory Board Meeting

Page 42

1 MR. ALLEN: In perpetuity?

2 MS. RANGE: Yes.

3 MR. BARRICELLI: Yeah, and the levels  
4 really weren't that high above the quality standards.

5 MS. RANGE: Yeah. Yeah. It's the cost  
6 of doing business.

7 MR. BARRICELLI: So anyone who buys the  
8 property --

9 MS. RANGE: A Deed Notice property,  
10 yeah.

11 MR. BARRICELLI: -- they're gonna have  
12 to live with that and the expense of that.

13 MR. YOUHAS: Yeah, pesticides themselves  
14 are a very low standard.

15 MR. BARRICELLI: Yeah, the level --

16 MR. YOUHAS: It's below 2 parts per  
17 million in some instances.

18 MR. BARRICELLI: Yeah. I really had a  
19 question because you excavated a tremendous amount of  
20 soil. Was this around the fringe or was it that the  
21 excavation maybe didn't get deep enough in places?

22 MS. RANGE: Yeah, it's a shame because a  
23 serious effort was made. I mean, as you saw, almost  
24 1,300 tons --

25 MR. BARRICELLI: Yeah, that's a lot of

1 trucks.

2 MR. RANGE: -- and they just missed  
3 some.

4 MR. YOUHAS: There's three different  
5 phases of soil sampling and excavation. So you kind  
6 of take a post-excavation sample and after you  
7 excavate it, it will still come back with some slight  
8 amount of, you know, pesticide or occasionally DEP  
9 standards over time will also decrease as well.  
10 Cleanup standards will also decrease.

11 MR. CHARNICK: Are there any  
12 restrictions on, like, agriculture? Like, fruit  
13 trees or vegetable or anything like that?

14 MS. RANGE: No, because these are farm  
15 pesticides. This is what farmers would be utilizing  
16 anyway.

17 MR. CHARNICK: No, but I had spoken to  
18 the county agricultural agent about tomato plants in  
19 the presence of chlordane, for instance, and he said  
20 certain pesticides have large molecules and can't be  
21 absorbed into the fruit plant. But other ones can  
22 and be sucked up into the plant and end up in the  
23 fruit, certain ones. I was particularly involved in  
24 chlordane when I termite-proofed my house and was  
25 gonna plant tomato plants close to the house. He

1 explained the process whereby pesticides in the soil  
2 and water can be sucked up through the roots  
3 throughout the plant, and then if you pick a fruit  
4 off of it, you might get some residual things in  
5 there.

6 MS. RANGE: I know of no restrictions.

7 MR. CHARNICK: Okay.

8 MR. ALLEN: Any other questions for Rob?

9 Thank you, sir.

10 MR. YOUHAS: Thank you.

11 MR. ALLEN: Wanda, I think at this point  
12 in time is Item No. 5 on the agenda, the round table  
13 discussion. Does anyone have a point of interest  
14 that they want to discuss?

15 Hearing no comment necessary to discuss,  
16 we'll move on to Item 6, the proposed schedule for  
17 meetings starting, I believe, at 7 p.m. The area  
18 will be designated, I guess, as we come upon them,  
19 but right now, it's in this building going forward?

20 MS. GREEN: Oh, it will continue to be  
21 here.

22 MR. ALLEN: Okay. That's April the 3rd,  
23 July the 10th, and October the 2nd. Does anyone have  
24 any discussion with regard to any of those dates?

25 Yes, sir.

1 MR. GRUSKOS: I just had a question  
2 because I know there will be a series of reports  
3 coming out in detail between this meeting and the  
4 next. Are there any issues sometimes where special  
5 meetings are declared so we could probably -- this is  
6 more for Wanda. As these new reports are coming out,  
7 these detailed reports have to clear legal review.  
8 Are special meetings ever declared or added to this  
9 RAB?

10 MS. GREEN: We haven't in the past. But  
11 if, you know, the Board wants to, I would be open to  
12 that. In the past we just haven't had the volume of  
13 reports coming in at one time so, you know, I would  
14 be open to that.

15 MR. DLUGOSZ: It sounds like we're going  
16 to have --

17 MR. ALLEN: Can't hear you.

18 MR. DLUGOSZ: It sounds like we're going  
19 to have a good number of reports in front of us and I  
20 would approve of that question and your answer.

21 MS. GREEN: We have had special meetings  
22 in the past so, yeah, as needed, we can.

23 MR. GRUSKOS: I was kind of hoping that  
24 we could -- I'm gonna say on the first report, kind  
25 of have a walk-through on it so we can better

1 understand how to interpret future ones that might be  
2 read. Even if it was a workshop, it would be  
3 helpful, I think.

4 MS. GREEN: We can definitely do  
5 something like that, especially since the first set  
6 of reports you will receive will be landfills and  
7 they're basically the same except that some landfills  
8 you will have VOCs or just metals. It's just the  
9 contaminant of concern at that particular landfill.  
10 Once we get that first one, you'll be able to go  
11 through them pretty quickly, but, yes, I would...

12 MR. GRUSKOS: I would just like you to  
13 consider doing some sort of a workshop for that.

14 MS. GREEN: What you can do is whenever  
15 you have -- and I've opened this up to the Board  
16 before. Whenever you have any questions or any  
17 suggestions, just e-mail me. And we all have -- I  
18 sent everyone a list of everyone's e-mail  
19 information --

20 MR. ALLEN: It's updated effective  
21 today.

22 MS. GREEN: -- and just send it out to  
23 everyone. We don't have to wait until the next  
24 meeting to do something like that.

25 Yes, Frank.

1 MR. BARRICELLI: Yeah, Frank Barricelli.  
2 We tried twice to have some type of a disciplined  
3 review of documents and I think we really... this  
4 gives us a chance to start it again and it would be  
5 good if we could get comments from the RAB members  
6 out early enough to the Army so that we don't show up  
7 at the RAB meeting with a lot of detailed questions  
8 where people will spend a lot of time thumbing  
9 through pages. If we could get some type of a  
10 schedule set up, you provide us the documents and we  
11 have so many weeks to submit, you know, comments,  
12 questions or whatever so that you have -- the Army  
13 has them ahead of time, ahead of the RAB meeting so  
14 that when we walk into a RAB meeting the Army had a  
15 chance to do some homework looking at any questions  
16 we have. Otherwise, we'll be spending a lot of time  
17 just thumbing through paper.

18 MS. GREEN: Yeah, that was what we had  
19 said we were gonna do.

20 MR. BARRICELLI: Right.

21 MS. GREEN: I think you just want to  
22 get -- comments were supposed to go to Frank, what,  
23 three --

24 MR. BARRICELLI: Yeah.

25 MS. GREEN: -- to four weeks after

1 receiving the documents?

2 MR. BARRICELLI: Yeah, and I would  
3 collate them, try to get rid of redundancies and get  
4 them to you in a format that you could then get your  
5 people to look at, and then when we showed up at the  
6 meeting we had a more disciplined review approach as  
7 opposed to, you know, just a lot of comments coming  
8 out at a meeting. You really can't research the  
9 information well enough to satisfy the people.

10 MS. GREEN: Which we should have done  
11 even for M-16.

12 MR. BARRICELLI: We should have done it  
13 for -- honestly, M-16 was so complete because I could  
14 see the dialogue between Linda and yourself and the  
15 BRAC that there was very little question on this  
16 report. It was really one of the cleanest reports.

17 MS. GREEN: Yeah, Mr. Rob Youhas wrote  
18 that himself.

19 MR. BARRICELLI: This one was a very  
20 clean report and you really didn't have any questions  
21 once you read it because it was very understandable.

22 MR. ALLEN: Ed, you had a comment?

23 MR. DLUGOSZ: I was just gonna say,  
24 maybe before we have that meeting that you suggested,  
25 you know, the upfront meeting to get our orientation



Restoration Advisory Board Meeting

Page 49

1 on this thing, maybe we could set it up after we look  
2 at what's in front of us instead of trying to come up  
3 with a schedule right now. Let's wait until we see  
4 what's in front of us before we set, you know, four  
5 weeks or five weeks or whatever.

6 MS. GREEN: And because we have new  
7 members to the RAB, we can definitely do a special  
8 workshop for the members who this is all new to.  
9 Who's missing? Francis and --

10 MR. ALLEN: Mr. Owens.

11 MS. GREEN: Owens is missing. It would  
12 be most beneficial for you to be able to have a  
13 workshop and go through how to understand -- I mean,  
14 Frank, he loves our reports. He enjoys reading the  
15 reports. But for someone who's new --

16 MR. BARRICELLI: Not with Adobe it isn't  
17 fun. If you read with Adobe, it pops up and down the  
18 screen, goes sideways.

19 MS. GREEN: I mean, we can do things.  
20 Even as Frank said, it's difficult for him to read  
21 and for all of us to read sample results. We could  
22 have, you know, enlarged documents all around here  
23 because pretty soon this building will be my building  
24 for all of environmental anyway. So for that first  
25 report, yeah, we could definitely do something like

1 that, have Parsons do more of a special detailed  
2 workshop.

3 MR. GRUSKOS: Thank you.

4 MR. ALLEN: Anything else?

5 At this time, we would open up the  
6 meeting to the public comment, if there is any. I  
7 don't see anyone else signed up here.

8 Did you sign in, ma'am? I didn't see  
9 the name here.

10 MS. BRESLOW: No.

11 MR. ALLEN: And the name is what?

12 MS. BRESLOW: Sara Breslow, Eatontown.

13 MR. ALLEN: Thank you.

14 MS. BRESLOW: I just had a question  
15 about the pesticide testing. Was any testing done in  
16 Oceanport Creek?

17 MR. YOUHAS: Yes.

18 MS. BRESLOW: Because nothing is talked  
19 about here. So what was found? Was the sediment  
20 tested? Were the fish tested? What was tested?

21 MR. YOUHAS: The sediments and the  
22 surface water were both sampled and analyzed for  
23 pesticides.

24 MS. BRESLOW: With what result?

25 MR. YOUHAS: Nothing exceeded any of the

1 DEP standards.

2 MS. BRESLOW: Nothing exceeded them at  
3 what level are we talking about? Was it  
4 residential -- nonresidential, I mean? What about  
5 the animal life in the water?

6 MR. YOUHAS: No, that was not sampled.

7 MS. BRESLOW: And are the levels you're  
8 talking about -- the standards that you're talking  
9 about using were commercial standards?

10 MS. RANGE: They were ecological-based  
11 standards and they were not exceeded.

12 MR. YOUHAS: Correct.

13 MS. BRESLOW: But ecological is not  
14 human standards; right?

15 MS. RANGE: Correct. Because when  
16 you're sampling the surface water and the sediment,  
17 you don't use human standards.

18 MS. BRESLOW: Unless you care about the  
19 life in the water or the people eating the fish in  
20 the water that may contain some of these things.

21 MS. RANGE: When you're sampling surface  
22 water, you use surface water standards. When you're  
23 sampling sediment, you use sediment criteria.

24 MS. BRESLOW: And how do you know  
25 whether there was anything in that animal life?

1 MS. RANGE: Because there was no trigger  
2 to sample the animal life based on the surface water  
3 and the sediment results.

4 MS. BRESLOW: You said there was --  
5 there were results in the sediment.

6 MS. RANGE: There was nothing exceeding.

7 MS. BRESLOW: Exceeding the levels  
8 ecologically. But if those levels were held to  
9 environmental -- the human standards, would they then  
10 have exceeded?

11 MS. RANGE: But that's not -- you don't  
12 apply human criteria to the sediment. Sediment  
13 criteria are -- are orders of magnitude more  
14 stringent --

15 MS. BRESLOW: I know.

16 MS. RANGE: -- than human criteria.

17 MS. BRESLOW: Well, it's the other way,  
18 I thought.

19 MS. RANGE: No.

20 MS. BRESLOW: So you're saying that if  
21 they were meeting ecological standards, they're not  
22 endangered to human beings?

23 MS. RANGE: Say that again.

24 MS. BRESLOW: You just said it's more  
25 stringent.

1 MS. RANGE: Ecological standards are  
2 typically much more stringent than, for instance,  
3 soil samples which are based on human exposure.

4 MS. BRESLOW: Okay. I'm confused. You  
5 said that the standards that are found on this land  
6 are -- are higher than are acceptable for residential  
7 living. Wouldn't the same amount be in the sediment  
8 in the water?

9 MS. RANGE: I don't think I followed you  
10 there. What I'm saying is for human exposure, we  
11 test groundwater and soils. They have one set of  
12 standards. When we're testing surface water or  
13 sediments, we use a different set of criteria which  
14 is actually more stringent because the parameters  
15 that we're looking for are -- I'm not phrasing this  
16 well.

17 The sediment criteria are actually in  
18 the parts per billion typically because we're looking  
19 at microorganisms that are much more sensitive and  
20 when we saw no exceedances in the sediment, that  
21 meant we did not have to test further along the food  
22 chain because that base sample showed no exceedances.

23 MS. BRESLOW: So you're confident that  
24 the fish in the water are safe to eat?

25 MS. RANGE: I -- I am confident that we

1 did not need to sample any further along the food  
2 chain.

3 MS. BRESLOW: Then my --

4 MS. RANGE: I don't know what the fish  
5 were exposed to elsewhere.

6 MS. BRESLOW: Okay. Thank you.

7 MR. ALLEN: Thank you, ma'am.

8 Anyone else wish to be heard?

9 At this time, I'll entertain a motion  
10 that we adjourn this meeting.

11 MR. DLUGOSZ: I make that motion.

12 MR. BARRICELLI: Second.

13 MR. ALLEN: All those in favor, please  
14 signify by saying "aye."

15 (All say "aye.")

16 MR. ALLEN: Opposed?

17 The meeting is adjourned. Thank you all  
18 very much.

19 MS. GREEN: Thank you.

20 (Proceedings concluded at 8:06 p.m.)  
21  
22  
23  
24  
25

CERTIFICATE

1  
2  
3 I, LYDIA F. McDONNELL, a Certified  
4 Shorthand Reporter and Notary Public of the State of  
5 New Jersey, do hereby certify that the foregoing is a  
6 true and accurate transcript of the proceedings as  
7 taken stenographically by and before me at the time,  
8 place and on the date hereinbefore set forth.

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

15 *Lydia Fucci-McDonnell*  
16

17 Notary Public of the State of New Jersey  
18 License No. 30XI00155900  
19 My Commission expires June 30, 2014  
20 Dated: January 10, 2013  
21  
22  
23  
24  
25

<b>1</b>	<b>4</b>	<b>accepted</b> 36:24 38:15	44:22 45:17 46:20 48:22 49:10 50:4,11 50:13 54:7,13,16
<b>1,000</b> 12:19	<b>4</b> 5:11 14:24	<b>accomplish</b> 9:9	<b>allow</b> 6:4
<b>1,296</b> 32:17,20	<b>400</b> 29:6	<b>accomplished</b> 9:16	<b>allows</b> 8:19
<b>1,300</b> 42:24	<b>45</b> 1:9 2:5	<b>accorsi</b> 1:24	<b>allyson</b> 1:25
<b>10</b> 55:18	<b>455</b> 1:10 2:6	<b>accurate</b> 55:6	<b>amount</b> 9:3 27:15 42:19 43:8 53:7
<b>10th</b> 44:23	<b>498</b> 28:12,17,20 29:8,23 30:23 35:11	<b>acre</b> 40:22	<b>analyses</b> 8:20 13:15
<b>1122</b> 19:24 20:8,13	<b>4th</b> 3:24 4:3	<b>acted</b> 36:24	<b>analysis</b> 12:6
<b>12</b> 16:20	<b>5</b>	<b>action</b> 22:20 27:24 33:5 55:11,14	<b>analytical</b> 13:1
<b>14</b> 5:7 11:15 16:23	<b>5</b> 16:5 44:12	<b>active</b> 8:25 22:9	<b>analyzed</b> 11:18 14:9 14:18,24 16:6,12,20 16:23 17:1,7,11,23 18:2,6,8,12 19:14 19:17 21:3,6,13,18 50:22
<b>15</b> 26:23,23	<b>50s</b> 28:17	<b>activities</b> 29:19	<b>analyzing</b> 11:22
<b>16</b> 27:24 28:8,10,22 30:13 33:16 34:2,7 48:11,13	<b>53</b> 17:22	<b>actual</b> 7:1 16:14 22:22 31:9 36:16	<b>animal</b> 51:5,25 52:2
<b>18</b> 17:1	<b>54</b> 18:2	<b>added</b> 45:8	<b>annotated</b> 20:6
<b>1910</b> 26:14	<b>55</b> 18:6	<b>addition</b> 5:7	<b>answer</b> 24:15 45:20
<b>1912</b> 26:14	<b>56</b> 18:8	<b>additional</b> 7:3 20:8 20:14 30:2,3 33:25 34:4	<b>anticipated</b> 37:11
<b>1939</b> 28:15	<b>57</b> 18:11	<b>adjourn</b> 54:10	<b>anticipating</b> 37:18
<b>1940s</b> 28:16	<b>58</b> 19:13	<b>adjourned</b> 54:17	<b>anyway</b> 43:16 49:24
<b>1950s</b> 28:17	<b>59</b> 19:17,22	<b>adobe</b> 49:16,17	<b>application</b> 3:13
<b>1993</b> 29:20	<b>6</b>	<b>advisory</b> 1:1 3:3	<b>apply</b> 52:12
<b>2</b>	<b>6</b> 44:16	<b>agency</b> 35:19	<b>approach</b> 48:6
<b>2</b> 14:9 42:16	<b>61</b> 19:20 21:2	<b>agenda</b> 3:11 7:13 25:22 44:12	<b>appropriate</b> 38:21
<b>20</b> 7:22 26:17	<b>64</b> 21:6	<b>agent</b> 43:18	<b>approval</b> 4:11
<b>2010</b> 33:12	<b>66</b> 21:13	<b>ago</b> 22:17 37:2	<b>approve</b> 4:3,13 45:20
<b>2011</b> 6:10 8:2 28:19	<b>68</b> 21:17	<b>agricultural</b> 43:18	<b>approved</b> 5:22 6:6 6:12 37:2
<b>2012</b> 29:20 33:24	<b>699</b> 22:23	<b>agriculture</b> 43:12	<b>approving</b> 4:20
<b>2013</b> 4:3 6:2 7:11 8:9 26:17 29:9 33:4 55:18	<b>7</b>	<b>ahead</b> 4:6 26:7 41:13 47:13,13	<b>approximately</b> 26:23 31:16 32:17 40:22
<b>2014</b> 1:9 2:7 3:4 55:17	<b>7</b> 44:17	<b>air</b> 36:9	<b>april</b> 6:15 44:22
<b>22</b> 17:6	<b>7:00</b> 2:8	<b>aldrin</b> 30:16	<b>area</b> 18:1 20:2 21:3 28:9,13 29:6 32:13 33:15 34:2,3 35:10 38:4 40:23,25 44:17
<b>25</b> 17:11	<b>8</b>	<b>allegiance</b> 3:6,7	<b>areas</b> 34:24
<b>29</b> 17:10	<b>8</b> 16:11	<b>allen</b> 1:13 3:1,9,17 3:23 4:6,8,13,16,18 4:23 6:22 15:9,14 19:1,3 23:14 24:5,9 25:5,9,21 26:1,6 27:14,17,19,22 28:4 34:15,18,21 35:17 35:21,24 39:17,21 40:1,7,11,15,20 41:12 42:1 44:8,11	<b>army</b> 1:1,16,18 2:5 3:2,12 27:4 28:16
<b>2nd</b> 44:23	<b>8:06</b> 54:20	<b>allegiance</b> 3:6,7	
<b>3</b>	<b>9</b>	<b>allegiance</b> 3:6,7	
<b>3</b> 14:18	<b>9</b> 1:9 2:7	<b>allegiance</b> 3:6,7	
<b>30</b> 55:17	<b>9th</b> 3:4	<b>allegiance</b> 3:6,7	
<b>30xi00155900</b> 55:17	<b>a</b>	<b>allegiance</b> 3:6,7	
<b>3d</b> 30:10	<b>able</b> 6:14 31:21 46:10 49:12	<b>allegiance</b> 3:6,7	
<b>3rd</b> 44:22	<b>absolutely</b> 38:17 39:8	<b>allegiance</b> 3:6,7	
	<b>absorbed</b> 43:21	<b>allegiance</b> 3:6,7	
	<b>acceptable</b> 53:6	<b>allegiance</b> 3:6,7	



<p>33:25 35:22 36:6 47:6,12,14 asked 3:19 24:15 asking 24:3,12,14 asphalt 28:13 assessment 34:1 associated 27:6 assuming 22:8 37:21,25 attempt 22:10 attention 7:7 attorney 55:10,12 audience 24:12 25:6 august 6:1,9 8:9 13:19 33:24 avenue 1:9 2:6 28:23,24,25 29:6,11 29:15,15 32:12 aye 4:21,22 54:14,15</p>	<p><b>basically</b> 6:7 10:22 13:8 28:10 30:14 31:4 32:23 34:7,24 37:5 46:7 <b>basis</b> 11:19 <b>bearings</b> 30:22 <b>beings</b> 52:22 <b>believe</b> 33:9 44:17 <b>belongs</b> 34:2 <b>beneficial</b> 49:12 <b>better</b> 38:18 45:25 <b>beyond</b> 29:14 <b>bhc</b> 30:16 <b>biannual</b> 34:12 <b>bids</b> 27:15 <b>big</b> 30:22 <b>bill</b> 27:2,4 <b>billion</b> 53:18 <b>bit</b> 7:16 24:24 <b>black</b> 31:6 <b>block</b> 39:25 40:1 <b>blue</b> 14:4 31:2 32:9 <b>board</b> 1:1 3:3 25:10 45:11 46:15 <b>boilerplate</b> 41:4 <b>bottle</b> 11:9 <b>bottom</b> 14:7 32:14 <b>boundaries</b> 30:4,6 31:9 32:19 <b>brac</b> 6:4 48:15 <b>breadth</b> 11:14 <b>breakdown</b> 30:15 30:17 <b>breslow</b> 3:19 5:20 50:10,12,12,14,18 50:24 51:2,7,13,18 51:24 52:4,7,15,17 52:20,24 53:4,23 54:3,6 <b>brian</b> 1:15 <b>brief</b> 7:1 <b>build</b> 39:4,5,8 <b>building</b> 1:10 2:6 19:24 28:11,11,12 28:15,17,20 29:1,7</p>	<p>29:8,13,14,23,25 30:23,23 35:11 44:19 49:23,23 <b>business</b> 3:11 42:6 <b>buys</b> 42:7</p>	<p><b>circle</b> 14:13 17:16 <b>circles</b> 14:14 16:9 17:25 <b>circulated</b> 4:3,11 22:6 <b>class</b> 23:10 <b>clean</b> 48:20 <b>cleaned</b> 10:24 <b>cleaners</b> 21:17 <b>cleanest</b> 48:16 <b>cleanup</b> 32:16 43:10 <b>clear</b> 28:22 40:16 45:7 <b>close</b> 43:25 <b>closed</b> 20:10,16 <b>closure</b> 28:18 <b>collate</b> 48:3 <b>collect</b> 9:5 <b>collected</b> 19:11 23:3 33:14,17 <b>collection</b> 8:19 <b>color</b> 31:2,18 <b>colors</b> 30:24 <b>come</b> 22:10 43:7 44:18 49:2 <b>comes</b> 10:25 <b>coming</b> 10:16 12:10 28:23 45:3,6,13 48:7 <b>commencing</b> 2:7 <b>comment</b> 25:23 44:15 48:22 50:6 <b>commentary</b> 25:22 <b>comments</b> 37:1 47:5 47:11,22 48:7 <b>commercial</b> 23:7 51:9 <b>commission</b> 26:4 55:17 <b>compared</b> 19:10 <b>complete</b> 48:13 <b>completed</b> 33:11 36:25 <b>compliance</b> 22:10</p>
<p><b>b</b></p>		<p><b>c</b></p>	
<p><b>b</b> 1:12,12 6:21 <b>back</b> 19:21 26:14 29:9 38:12 40:6 41:7 43:7 <b>background</b> 14:22 15:16,18 18:7 19:7 21:10 <b>bag</b> 8:24 10:23 11:3 11:4,5,7,8 <b>bags</b> 9:8,14 10:3,7 10:21,23,25 <b>barricelli</b> 1:17 4:12 36:2,4,4,11,13,19 41:14,19,22 42:3,7 42:11,15,18,25 47:1 47:1,20,24 48:2,12 48:19 49:16 54:12 <b>base</b> 53:22 <b>based</b> 13:1 31:4 33:19 51:10 52:2 53:3 <b>baseline</b> 6:7 7:11 8:3 9:16 33:8,11,24</p>		<p><b>c-</b> 6:21 <b>call</b> 3:2 <b>called</b> 8:17 21:12 <b>capsulated</b> 10:22 <b>care</b> 51:18 <b>carried</b> 37:24 <b>carveout</b> 19:25 20:10 <b>case</b> 1:18 4:10 11:19 11:19 16:13 21:10 <b>cds</b> 31:20 <b>certain</b> 34:9,13 43:20,23 <b>certainly</b> 25:12,12 26:8 27:8 <b>certificate</b> 55:1 <b>certifications</b> 34:13 <b>certified</b> 2:3 55:3 <b>certify</b> 55:5,9 <b>cetera</b> 8:21 <b>chain</b> 53:22 54:2 <b>chairman</b> 26:5 <b>chance</b> 47:4,15 <b>characterized</b> 10:18 <b>charles</b> 15:12 17:6 34:2 <b>charnick</b> 1:15 3:15 15:15,21,24 16:1,4 23:5,13 43:11,17 44:7 <b>cheap</b> 27:7,9 <b>checklist</b> 41:24 <b>chenega</b> 1:23,24 28:7 <b>chlordan</b> 30:17 43:19,24 <b>chosen</b> 12:23</p>	

<p><b>compliant</b> 35:2,5  <b>compound</b> 16:14  <b>compounds</b> 11:19              21:15 29:22  <b>comprised</b> 32:20  <b>concentration</b> 11:3              21:10  <b>concentrations</b> 10:6              14:22 21:21 30:5              31:10 32:5 34:25              41:1  <b>concept</b> 12:20  <b>conceptually</b> 37:3  <b>concern</b> 33:22 46:9  <b>concerned</b> 38:13  <b>concluded</b> 54:20  <b>conducted</b> 29:21              30:2,3,6 31:6  <b>confident</b> 53:23,25  <b>confirmed</b> 29:21  <b>confused</b> 53:4  <b>confusing</b> 36:14  <b>consecutive</b> 32:20  <b>consider</b> 46:13  <b>considered</b> 33:20              39:1  <b>consisted</b> 28:10  <b>constructed</b> 28:15  <b>contain</b> 51:20  <b>containerized</b> 10:17  <b>contains</b> 14:2,3  <b>contaminant</b> 46:9  <b>contaminants</b> 33:21  <b>contaminated</b> 30:7              32:24 37:13  <b>contamination</b>              20:17  <b>continuation</b> 22:23              37:11  <b>continue</b> 5:19 44:20  <b>continued</b> 37:12  <b>control</b> 28:16  <b>coordinate</b> 39:23  <b>coordinates</b> 35:15              35:16</p>	<p><b>copecs</b> 33:21  <b>copies</b> 6:3  <b>copy</b> 3:10,12,25              6:25 28:1  <b>corps</b> 24:8  <b>correct</b> 12:25 13:11              16:3 29:4 34:17              35:23 40:12 41:11              51:12,15  <b>correctly</b> 15:13              38:23  <b>correlate</b> 10:6  <b>correlation</b> 9:10              12:1  <b>cost</b> 27:3,10 42:5  <b>costs</b> 27:6  <b>counsel</b> 55:10,12  <b>county</b> 16:2 20:12              34:19,20,21 35:18              39:21,24 43:18  <b>couple</b> 10:9 37:1,5  <b>course</b> 5:21  <b>courthouse</b> 29:3  <b>courts</b> 38:19  <b>creek</b> 32:9,12 33:15              33:18,23 34:5 50:16  <b>criteria</b> 51:23 52:12              52:13,16 53:13,17  <b>cross</b> 12:4  <b>current</b> 29:7,13  <b>currently</b> 25:14              35:4,4</p>	<p><b>ddt</b> 30:14  <b>december</b> 3:24 4:3  <b>declared</b> 45:5,8  <b>decrease</b> 43:9,10  <b>deed</b> 33:5,6 34:6,8              34:16,22,24 35:7,10              35:13,16 36:7,17              39:18 40:14,22,25              41:4 42:9  <b>deemed</b> 38:20  <b>deep</b> 42:21  <b>deepest</b> 31:14  <b>define</b> 23:22 30:4  <b>defined</b> 35:14  <b>definitely</b> 46:4 49:7              49:25  <b>degrade</b> 37:15  <b>delineate</b> 40:25  <b>delineated</b> 33:1  <b>delineation</b> 31:9  <b>demonstrate</b> 9:23              12:17,20  <b>demonstrated</b> 9:23  <b>dep</b> 14:12 33:4,23              41:5 43:8 51:1  <b>dep's</b> 35:1 36:23              38:16  <b>depth</b> 11:1 31:14  <b>depths</b> 30:5,25  <b>derived</b> 8:17  <b>designated</b> 44:18  <b>designation</b> 31:19  <b>detail</b> 10:10 45:3  <b>detailed</b> 45:7 47:7              50:1  <b>details</b> 9:22  <b>detect</b> 32:22  <b>detected</b> 14:11,17              14:19,22 15:1,2              16:7,15,17,21,24              17:2,4,8,12,24 18:4              18:7,9,14 19:6,6,15              19:18 21:4,7,9,15              21:19 30:13 32:5,23</p>	<p><b>detection</b> 20:24  <b>determine</b> 15:15              30:8 31:9 32:6  <b>determined</b> 30:7              33:20  <b>dialogue</b> 48:14  <b>dick</b> 4:16,18  <b>dieldrin</b> 30:16  <b>difference</b> 9:18  <b>different</b> 10:11,22              12:7 23:5 30:24,25              43:4 53:13  <b>difficult</b> 49:20  <b>diffusion</b> 8:24 9:8              9:14 10:3,21  <b>directly</b> 28:14,22              29:7 33:16 35:8  <b>disappear</b> 37:23  <b>disciplined</b> 47:2              48:6  <b>discuss</b> 3:12,24              44:14,15  <b>discussed</b> 3:21              33:10 37:7  <b>discussion</b> 36:12              44:13,24  <b>disposed</b> 10:18 30:8              32:18  <b>distributed</b> 3:21              27:24  <b>disturb</b> 38:4,10,11  <b>disturbing</b> 38:9  <b>dlugosz</b> 1:20 4:5,7              6:19 9:17 10:1 12:2              12:9,13 13:16 15:6              17:17 18:15,22,25              19:2,21,24 20:3,5              20:21 23:22 24:18              24:21 25:24 29:2              32:8,15 36:20 38:23              41:7 45:15,18 48:23              54:11  <b>doc</b> 26:3  <b>document</b> 7:3 41:4              41:15</p>
	<p><b>d</b></p>		
	<p><b>d</b> 1:12  <b>data</b> 12:16 13:18              15:19,24 22:25 23:3              23:4 26:22  <b>date</b> 55:8  <b>dated</b> 55:18  <b>dates</b> 44:24  <b>day</b> 5:7 29:13  <b>ddd</b> 30:15  <b>dde</b> 30:15</p>		

<p><b>documents</b> 5:15,19 6:12 47:3,10 48:1 49:22 <b>doing</b> 10:4,15 28:8 31:24 42:6 46:13 <b>dollars</b> 27:5,15 <b>dots</b> 31:6 32:3 <b>downstream</b> 33:17 <b>draft</b> 5:5 6:5,6 36:17 <b>drawdown</b> 10:15 <b>dry</b> 21:17 <b>due</b> 29:24 <b>dump</b> 9:3</p>	<p><b>entire</b> 40:25 <b>entitled</b> 2:2 <b>environment</b> 34:9 <b>environmental</b> 5:14 26:4 33:11 49:24 52:9 <b>epoxide</b> 30:18 <b>especially</b> 46:5 <b>essentially</b> 9:4 22:25 <b>et</b> 8:21 <b>evaluation</b> 33:9,12 33:13,24 34:1,4 <b>evening</b> 7:8 <b>events</b> 13:2 <b>eventually</b> 37:23 <b>everybody</b> 28:3 <b>everyone's</b> 46:18 <b>evidence</b> 23:17 24:25 <b>exact</b> 27:5,11 <b>example</b> 13:13 31:1 35:7 <b>excavate</b> 43:7 <b>excavated</b> 30:8,25 31:1,2,15 32:18 42:19 <b>excavation</b> 30:19 42:21 43:5,6 <b>exceedance</b> 15:3 16:8,18 17:8,15 <b>exceedances</b> 14:15 17:16 19:9 53:20,22 <b>exceeded</b> 14:11,20 34:25 50:25 51:2,11 52:10 <b>exceeding</b> 41:2 52:6 52:7 <b>excuse</b> 19:21 <b>expect</b> 24:1 <b>expense</b> 42:12 <b>expires</b> 55:17 <b>explain</b> 36:23 <b>explained</b> 44:1 <b>explaining</b> 39:15</p>	<p><b>exposed</b> 54:5 <b>exposure</b> 53:3,10</p>	<p><b>flag</b> 3:6,8 <b>flavor</b> 7:22 19:8 22:3</p>
<p><b>e</b></p>		<p><b>f</b></p>	
<p><b>e</b> 1:12,12 3:21 6:21 6:21,21 46:17,18 <b>earlier</b> 8:1 14:1 22:5 <b>early</b> 47:6 <b>easier</b> 31:21 <b>eat</b> 53:24 <b>eating</b> 51:19 <b>eatontown</b> 20:23 50:12 <b>ecological</b> 33:8,11 33:13,21,24 34:1 51:10,13 52:21 53:1 <b>ecologically</b> 52:8 <b>ed</b> 48:22 <b>edward</b> 1:20 <b>effective</b> 46:20 <b>effort</b> 42:23 <b>efforts</b> 22:9 <b>either</b> 33:22 <b>elapsed</b> 8:1 <b>elsewise</b> 54:5 <b>employee</b> 24:18 55:10,12 <b>endangered</b> 52:22 <b>engineers</b> 24:8 <b>enjoys</b> 49:14 <b>enlarged</b> 49:22 <b>entertain</b> 4:2,10 54:9</p>		<p><b>f</b> 2:3 6:21 55:3 <b>facility</b> 26:19 39:11 41:9 <b>facts</b> 9:7 <b>fairly</b> 7:17 <b>fall</b> 35:18 <b>far</b> 15:9 22:16 37:10 38:2,9 39:19 40:4 40:10 <b>farm</b> 43:14 <b>farmers</b> 43:15 <b>favor</b> 4:20 54:13 <b>february</b> 3:22 5:24 <b>feel</b> 25:22 <b>feet</b> 31:2,4,17 <b>feshbach</b> 6:18,18,20 7:8,9 9:19 10:2 12:3 12:12,15,25 13:5,11 13:22 15:8,11,17,22 15:25 16:3,5 17:20 18:19 19:4,23 21:1 22:1,24 23:2,9,20 24:16 26:15,18 <b>field</b> 9:2,13 <b>file</b> 35:18 <b>filed</b> 34:18 39:24 <b>fill</b> 41:5 <b>finalize</b> 5:10 <b>finalized</b> 5:11 <b>financially</b> 55:13 <b>find</b> 20:24 23:17 24:25 39:23 <b>fine</b> 26:25 <b>first</b> 3:11 5:10 28:25 39:14 45:24 46:5,10 49:24 <b>fish</b> 50:20 51:19 53:24 54:4 <b>five</b> 17:13,18,21,24 17:24 49:5</p>	<p><b>flipping</b> 36:21 <b>floating</b> 23:24 25:1 <b>flow</b> 8:13 9:7,14 10:7,12,14,19 11:16 11:25 <b>fmera</b> 36:7,7,18 40:10 <b>focused</b> 21:11 <b>folks</b> 13:20 <b>followed</b> 53:9 <b>food</b> 53:21 54:1 <b>footed</b> 27:2 <b>foots</b> 27:4 <b>foregoing</b> 55:5 <b>forever</b> 37:13,24 <b>form</b> 6:6 41:25 <b>format</b> 48:4 <b>former</b> 17:22 19:13 21:2,17 24:18 28:9 28:20 29:23 <b>formerly</b> 29:3 <b>fort</b> 1:1,4,13,14,15 1:16,17,18,19,20 2:5 3:3 7:18 13:2 14:9,18 15:21,22 26:19 28:13,19 29:6 33:15 <b>forth</b> 55:8 <b>forward</b> 6:14 8:4 40:18 44:19 <b>found</b> 14:8 20:17 50:19 53:5 <b>four</b> 7:13 16:7,7 17:13,17,21 31:16 47:25 49:4 <b>frame</b> 26:10,13,18 <b>francis</b> 49:9 <b>frank</b> 1:17,24 4:13 36:4 41:13 46:25 47:1,22 49:14,20 <b>free</b> 23:18,22 25:1</p>

<p><b>freehold</b> 39:22  <b>fringe</b> 42:20  <b>front</b> 29:11 45:19              49:2,4  <b>fruit</b> 43:12,21,23              44:3  <b>ftmm</b> 28:8,10,22              30:13 33:16 34:2,7  <b>full</b> 28:5,6 40:16  <b>fun</b> 49:17  <b>further</b> 29:5 30:4              33:5 53:21 54:1              55:9  <b>fused</b> 11:2  <b>future</b> 8:5 34:10              46:1</p>	<p><b>gonna</b> 6:23,25 7:10              9:3,21 11:16 12:10              20:12 21:8 22:6,7              24:16 25:25 41:8              42:11 43:25 45:24              47:19 48:23  <b>good</b> 7:8 8:4 10:3              12:4 45:19 47:5  <b>grassy</b> 28:12  <b>green</b> 1:14 3:14,18              5:2,3 6:23 13:17              14:13,14 16:9 17:16              17:19 20:2,4,8              22:12,15,19 23:1              24:10 26:12,20,22              27:4,11,16,18,21,23              31:3,20 40:5,9,13              40:19 44:20 45:10              45:21 46:4,14,22              47:18,21,25 48:10              48:17 49:6,11,19              54:19  <b>grid</b> 31:8  <b>grimm</b> 1:19  <b>ground</b> 31:3,4  <b>groundwater</b> 6:2              7:11,23 8:3,6 14:12              14:15,20,25 15:1              16:6,8,12,18,20,22              16:23,25 17:4,8,15              18:2,9,14 19:15,19              21:5,15,18,21 23:6              23:10,11 25:1 30:9              30:10 32:7,21,23              53:11  <b>gruskos</b> 1:16 4:15              4:17 12:21 13:3,8              18:21 22:7,14,18              25:3,13,17,20 31:11              31:14,18,22 36:22              37:10,16,18,22 38:2              38:8,14,19 39:3,6              39:10,14 45:1,23              46:12 50:3</p>	<p><b>guess</b> 20:11 44:18</p> <p style="text-align: center;"><b>h</b></p> <p><b>h</b> 6:21,21  <b>half</b> 40:22  <b>handling</b> 29:24  <b>handout</b> 7:7 27:25  <b>happen</b> 11:7 15:6              37:21  <b>health</b> 34:9  <b>hear</b> 45:17  <b>heard</b> 54:8  <b>hearing</b> 4:19 44:15  <b>held</b> 2:5 52:8  <b>hello</b> 28:3  <b>help</b> 8:4  <b>helpful</b> 46:3  <b>heptachlor</b> 30:17,18  <b>heptachlor's</b> 30:17  <b>hereinbefore</b> 55:8  <b>high</b> 7:11 14:1,7              20:7,7 42:4  <b>higher</b> 12:13 53:6  <b>highest</b> 32:5  <b>highlighted</b> 20:22  <b>historical</b> 13:18              23:4 26:22 29:24  <b>homework</b> 47:15  <b>honestly</b> 48:13  <b>hoping</b> 6:13 45:23  <b>hours</b> 9:2  <b>house</b> 43:24,25  <b>huh</b> 41:21  <b>human</b> 51:14,17              52:9,12,16,22 53:3              53:10  <b>hyphen</b> 6:21</p> <p style="text-align: center;"><b>i</b></p> <p><b>idea</b> 7:20 8:4 10:5              11:2,14 12:11 26:10              27:9  <b>identified</b> 13:4 20:7  <b>identifying</b> 8:5  <b>ii</b> 23:11</p>	<p><b>images</b> 35:9  <b>impact</b> 32:7  <b>impacted</b> 30:9  <b>important</b> 24:24  <b>include</b> 13:17  <b>included</b> 30:21 33:5              40:23  <b>includes</b> 30:15 33:2              40:24  <b>including</b> 30:14  <b>indexed</b> 22:14  <b>indicated</b> 17:16  <b>indication</b> 41:15  <b>individual</b> 22:13              39:18 40:15  <b>information</b> 24:24              46:19 48:9  <b>initial</b> 29:20 30:1  <b>initially</b> 20:13 31:8  <b>injections</b> 22:16,21  <b>insecticides</b> 30:14  <b>inspections</b> 34:13  <b>installed</b> 20:17              30:10 32:4  <b>instance</b> 43:19 53:2  <b>instances</b> 42:17  <b>intended</b> 11:13  <b>interest</b> 44:13  <b>interested</b> 40:16              55:13  <b>interesting</b> 20:25  <b>interpret</b> 46:1  <b>investigation</b> 8:17              21:11 29:17,19 34:4  <b>involve</b> 8:25  <b>involved</b> 43:23  <b>ionic</b> 10:24  <b>irfs</b> 5:6,9  <b>issue</b> 13:6,10 36:20  <b>issued</b> 33:25  <b>issues</b> 45:4  <b>item</b> 44:12,16  <b>items</b> 7:13,13</p>
--	---	---	--

<p style="text-align: center;"><b>j</b></p> <p><b>james</b> 1:13  <b>january</b> 1:9 2:7 3:4 55:18  <b>jersey</b> 1:10 2:5,7 9:12,12 14:12 23:9 25:15 34:14 55:5,16  <b>jim</b> 4:5 6:16 24:7,18  <b>jim's</b> 24:13  <b>job</b> 1:7  <b>joel</b> 1:19  <b>join</b> 3:5  <b>july</b> 44:23  <b>june</b> 29:9 33:12 55:17</p>	<p><b>land</b> 53:5  <b>landfill</b> 5:8 16:11 46:9  <b>landfills</b> 46:6,7  <b>large</b> 43:20  <b>larger</b> 20:1  <b>law</b> 34:14  <b>layout</b> 30:22  <b>lead</b> 16:13,21,21 18:3,6,7,8,9 21:3,4 21:7,9,11,12,14  <b>lean</b> 21:8  <b>leave</b> 37:8  <b>left</b> 35:10 41:1  <b>legal</b> 5:10 6:4 45:7  <b>lessees</b> 34:11  <b>letter</b> 3:20 33:25 41:20  <b>level</b> 7:11 12:14 14:1 14:7 15:16 42:15 51:3  <b>levels</b> 20:7 37:8,13 42:3 51:7 52:7,8  <b>lfps</b> 8:13  <b>license</b> 55:17  <b>life</b> 51:5,19,25 52:2  <b>light</b> 31:1  <b>linda</b> 1:18 48:14  <b>lindane</b> 30:16  <b>line</b> 32:20  <b>list</b> 46:18  <b>listed</b> 11:17,23 22:11 36:18  <b>listing</b> 30:12  <b>lists</b> 8:12  <b>little</b> 6:24 10:10 22:2 31:6 48:15  <b>live</b> 42:12  <b>living</b> 53:7  <b>loaded</b> 5:16  <b>located</b> 18:16 28:14  <b>location</b> 39:22  <b>long</b> 8:6 13:14 26:11  <b>look</b> 7:3 12:4 48:5 49:1</p>	<p><b>looked</b> 39:22  <b>looking</b> 5:14 47:15 53:15,18  <b>looks</b> 35:8  <b>lot</b> 19:8,9 27:17 39:25 40:1 42:25 47:7,8,16 48:7  <b>lots</b> 38:20  <b>loves</b> 49:14  <b>low</b> 8:12 9:7,14 10:7 10:12,14,19 11:16 11:25 42:14  <b>lowered</b> 11:1  <b>lydia</b> 2:3 55:3</p>	<p><b>meant</b> 53:21  <b>meeting</b> 1:4 3:2,4,18 3:22,24 5:2,3,20 6:15 7:6 27:23 28:24 45:3 46:24 47:7,13,14 48:6,8 48:24,25 50:6 52:21 54:10,17  <b>meetings</b> 44:17 45:5 45:8,21  <b>member</b> 25:9  <b>members</b> 47:5 49:7 49:8  <b>membrane</b> 10:22 11:3</p>
<p style="text-align: center;"><b>k</b></p> <p><b>kaloss</b> 25:4,7,12 26:3,3,8,13,17,21,25 27:8,13,20  <b>kind</b> 6:5 14:1,7 29:1 29:14 30:20 31:24 32:2,3 33:2 36:13 39:8 43:5 45:23,24  <b>knew</b> 24:15  <b>know</b> 4:1 6:8 8:5 10:5 12:9,18 15:6 18:16,22 20:3,6,23 24:25 27:8 32:4 36:16 38:25 39:1 41:3 43:8 44:6 45:2 45:11,13 47:11 48:7 48:25 49:4,22 51:24 52:15 54:4  <b>knowledge</b> 23:18,21 40:17  <b>known</b> 28:11 30:16  <b>knows</b> 24:10  <b>kriney</b> 1:25</p>	<p style="text-align: center;"><b>m</b></p> <p><b>m</b> 1:12,12 5:7,11 6:21 27:24 48:11,13  <b>ma'am</b> 50:8 54:7  <b>magnitude</b> 52:13  <b>mail</b> 3:21 46:17,18  <b>main</b> 8:7 15:10,11 34:1,3 38:6 39:3  <b>maintain</b> 41:24  <b>maintenance</b> 5:18 34:12 41:23  <b>making</b> 25:23  <b>man</b> 9:2  <b>manager</b> 1:18  <b>manual</b> 9:13  <b>map</b> 14:2,14 18:19 18:20,20 28:21 30:19 31:7,25 32:9 39:23 40:23  <b>maps</b> 7:22 22:3 33:3  <b>marina</b> 28:13 29:5 29:10 33:15 38:24 41:7,8  <b>market</b> 40:8  <b>matter</b> 2:2  <b>mcdonnell</b> 2:3 55:3  <b>mean</b> 5:6,9 42:23 49:13,19 51:4  <b>meaning</b> 32:22</p>	<p><b>mentioned</b> 7:12 22:5 23:3  <b>meriney</b> 6:18,18,20 7:8,9 9:19 10:2 12:3 12:12,15,25 13:5,11 13:22 15:8,11,17,22 15:25 16:3,5 17:20 18:19 19:4,23 21:1 22:1,24 23:2,9,20 24:16 26:15,18  <b>met</b> 24:21  <b>metal</b> 15:2 17:12  <b>metals</b> 11:20 13:12 14:19,21,25 15:7,16 17:12 18:12 19:6 21:12 46:8  <b>method</b> 8:18,23 9:15 10:11  <b>methods</b> 7:15 8:11 9:10 10:11 11:12,25  <b>microorganisms</b> 53:19  <b>middle</b> 17:9 35:11  <b>million</b> 42:17  <b>millions</b> 27:15,18,19  <b>minimum</b> 11:6  <b>minute</b> 3:17  <b>minutes</b> 3:15,24 4:4 4:10,20 5:21,22,22</p>	
<p style="text-align: center;"><b>l</b></p> <p><b>lab</b> 11:10  <b>laboratory</b> 10:25  <b>lady</b> 28:4</p>	<p><b>land</b> 53:5  <b>landfill</b> 5:8 16:11 46:9  <b>landfills</b> 46:6,7  <b>large</b> 43:20  <b>larger</b> 20:1  <b>law</b> 34:14  <b>layout</b> 30:22  <b>lead</b> 16:13,21,21 18:3,6,7,8,9 21:3,4 21:7,9,11,12,14  <b>lean</b> 21:8  <b>leave</b> 37:8  <b>left</b> 35:10 41:1  <b>legal</b> 5:10 6:4 45:7  <b>lessees</b> 34:11  <b>letter</b> 3:20 33:25 41:20  <b>level</b> 7:11 12:14 14:1 14:7 15:16 42:15 51:3  <b>levels</b> 20:7 37:8,13 42:3 51:7 52:7,8  <b>lfps</b> 8:13  <b>license</b> 55:17  <b>life</b> 51:5,19,25 52:2  <b>light</b> 31:1  <b>linda</b> 1:18 48:14  <b>lindane</b> 30:16  <b>line</b> 32:20  <b>list</b> 46:18  <b>listed</b> 11:17,23 22:11 36:18  <b>listing</b> 30:12  <b>lists</b> 8:12  <b>little</b> 6:24 10:10 22:2 31:6 48:15  <b>live</b> 42:12  <b>living</b> 53:7  <b>loaded</b> 5:16  <b>located</b> 18:16 28:14  <b>location</b> 39:22  <b>long</b> 8:6 13:14 26:11  <b>look</b> 7:3 12:4 48:5 49:1</p>	<p><b>looked</b> 39:22  <b>looking</b> 5:14 47:15 53:15,18  <b>looks</b> 35:8  <b>lot</b> 19:8,9 27:17 39:25 40:1 42:25 47:7,8,16 48:7  <b>lots</b> 38:20  <b>loves</b> 49:14  <b>low</b> 8:12 9:7,14 10:7 10:12,14,19 11:16 11:25 42:14  <b>lowered</b> 11:1  <b>lydia</b> 2:3 55:3</p>	<p><b>meant</b> 53:21  <b>meeting</b> 1:4 3:2,4,18 3:22,24 5:2,3,20 6:15 7:6 27:23 28:24 45:3 46:24 47:7,13,14 48:6,8 48:24,25 50:6 52:21 54:10,17  <b>meetings</b> 44:17 45:5 45:8,21  <b>member</b> 25:9  <b>members</b> 47:5 49:7 49:8  <b>membrane</b> 10:22 11:3  <b>mentioned</b> 7:12 22:5 23:3  <b>meriney</b> 6:18,18,20 7:8,9 9:19 10:2 12:3 12:12,15,25 13:5,11 13:22 15:8,11,17,22 15:25 16:3,5 17:20 18:19 19:4,23 21:1 22:1,24 23:2,9,20 24:16 26:15,18  <b>met</b> 24:21  <b>metal</b> 15:2 17:12  <b>metals</b> 11:20 13:12 14:19,21,25 15:7,16 17:12 18:12 19:6 21:12 46:8  <b>method</b> 8:18,23 9:15 10:11  <b>methods</b> 7:15 8:11 9:10 10:11 11:12,25  <b>microorganisms</b> 53:19  <b>middle</b> 17:9 35:11  <b>million</b> 42:17  <b>millions</b> 27:15,18,19  <b>minimum</b> 11:6  <b>minute</b> 3:17  <b>minutes</b> 3:15,24 4:4 4:10,20 5:21,22,22</p>

<p>missed 43:2  missing 49:9,11  mission 40:11  mixing 29:24  molecules 43:20  moment 4:5  money 27:17  monitoring 8:7 14:6  17:13,14,17,21  21:20 22:22 30:10  32:1,1 34:12  monmouth 1:1,4,13  1:14,15,16,17,18,19  1:20 2:5 3:3 7:18  13:2 14:9,18 15:21  15:22 16:2 26:19  28:13,19 29:6 33:15  moore 6:16 23:16,24  24:7,7,20,23  motion 4:2,11 54:9  54:11  motor 20:2,11  move 8:4 44:16  moved 4:12,13  moving 5:8  municipality 19:1</p>	<p>55:16  nj1787754 1:7  njdep 1:18 34:3  41:20  njdep's 33:1  non 32:22  nonresidential  23:12 35:3,5,5 51:4  north 29:9  notary 2:4 55:4,16  notes 2:1  notice 33:6,6 34:6,8  34:10,16,23,24 35:8  35:10,13 36:8,17  41:4 42:9  noticed 5:15  number 7:19 9:1  11:19 12:19 13:6,23  15:18 23:12,13  27:12 38:12 45:19  numbers 23:8</p>	<p>15:14 16:1,4 18:25  21:1 23:13 25:20,24  26:25 27:13 31:22  32:15 36:11,19  40:21 44:7,22 53:4  54:6  older 27:5  once 5:11 40:13  46:10 48:21  ones 5:12 13:3,9  25:14 43:21,23 46:1  open 25:19,20 45:11  45:14 50:5  opened 46:15  operations 1:23,24  28:7  operators 34:11  opportunity 3:25  4:9  opposed 4:23 48:7  54:16  order 3:2,11 32:6  ordered 4:24  orders 52:13  organic 10:4 12:5  16:15 17:7 18:3  organics 11:2,22  12:23 16:6 17:2,23  17:24 18:3,12,13  21:3,4,14,14,19,19  organizations 15:19  orientation 48:25  outline 12:6 14:2  outlined 39:17  overall 38:25  overview 7:11  owens 49:10,11  owner 36:1,1,18  owner's 35:20  owners 34:11</p>	<p>pages 47:9  paper 47:17  parameters 53:14  parking 38:20  parsons 1:25 5:4,5  7:9 50:1  part 4:24 20:11 32:9  33:8,13 38:24 40:9  41:3  particular 8:18  10:11 14:3 39:22  46:9  particularly 21:12  43:23  parties 55:11  parts 42:16 53:18  passed 35:25  passive 8:23 9:8,13  10:3,7,21  paul 6:17,17,23,25  7:7,9 23:15 27:21  paved 28:13 38:15  38:19  pbds 11:21,24 12:17  pdb 8:24  pending 25:18  people 47:8 48:5,9  51:19  perform 9:10,14  performed 6:2 8:8  13:15 20:9,15 22:17  22:20 29:20 32:21  perimeter 30:11  35:12,13  period 11:5  perpendicular  29:16  perpetuity 38:1 42:1  pesticide 28:9,16,19  28:20 29:22,23 30:4  31:10 32:24 34:25  43:8 50:15  pesticides 11:20  14:10,16 16:12  17:12 18:12,13 19:5</p>
<p style="text-align: center;"><b>n</b></p>	<p style="text-align: center;"><b>o</b></p>	<p style="text-align: center;"><b>p</b></p>	
<p>n 6:21  name 6:17 7:9 16:14  24:6,7 26:2 28:5,6  50:9,11  natural 37:11  naturally 16:1  nature 37:8  necessary 44:15  need 9:24 37:6 54:1  needed 20:8,15  45:22  needs 11:5  neither 55:9,11  new 1:10 2:5,6 7:17  9:11,12 13:20 14:11  23:9 25:15 34:14  45:6 49:6,8,15 55:5</p>	<p>o 1:12  objections 4:19  objectives 7:14,25  8:8  observed 24:3  occasionally 43:8  occur 11:5  occurred 13:2 14:16  occurs 40:8  oceanport 1:10 2:6  19:2 26:4 28:24  29:15 32:8,12 33:14  33:23 50:16  october 33:4,12  44:23  offhand 15:7  office 6:4 28:1  official 3:20  oh 25:12 40:7 44:20  oil 12:17 23:24 24:2  okay 3:23 4:7 10:1  11:13 13:16,23</p>	<p>p.m. 2:8 44:17 54:20  package 6:24 32:10</p>	

<p>29:25 30:7,9,12 32:5,7,22 33:20 42:13 43:15,20 44:1 50:23 phase 20:11 phases 30:4 43:5 phrasing 53:15 picatinny 5:17 pick 44:3 picked 12:3 picture 29:9 35:9 place 37:3,9 55:8 places 12:5 42:21 plant 43:21,22,25 44:3 plants 43:18,25 please 4:14 8:10 10:20 54:13 pledge 3:5,7 point 5:1 9:6 25:25 37:11 44:11,13 points 40:24 polyethylene 10:23 pool 20:2,12 pops 49:17 portion 15:4 posed 33:5 possible 5:13 possibly 31:2 post 15:10,12 34:1,3 43:6 poster 30:22 potential 33:21 38:3 practice 37:8 prefilled 10:24 prescreened 12:24 presence 29:22 43:19 present 1:22 presentation 6:25 7:5 24:17 33:9 pretty 7:12 8:19 32:24 46:11 49:23 previous 13:1,3 15:18 22:25 32:19</p>	<p>prior 6:8,13 probably 25:25 31:3 41:9 45:5 problem 39:12 problems 37:4 procedure 8:14,15 14:13 procedures 6:12 9:13 proceedings 1:5 2:2 54:20 55:6 process 10:19 40:9 44:1 product 23:18,23 25:1 30:18 products 30:15 program 5:4 8:7,8 9:16 13:14 programs 7:20 8:2 13:1 proofed 43:24 properties 36:21 property 32:25 34:10,16 35:4,14,20 36:6 37:5 38:24 40:8 41:16 42:8,9 proposed 44:16 protects 34:8 prove 9:11 proved 34:3 provide 47:10 provides 34:10 public 2:4 25:22 34:8 50:6 55:4,16 publicizing 6:13 pump 8:16 10:12,13 22:23 purchases 41:16 purchasing 40:16 purge 8:13,18 9:3,4 9:7,7 10:19 purging 9:1 10:7,12 10:17 11:16,25 purpose 9:6</p>	<p>push 5:12 put 11:5 22:8 30:20 38:11</p> <p style="text-align: center;"><b>q</b></p> <p>quality 14:12,16,20 15:1 16:8,19,22,25 17:4,9,15 18:10,14 19:10,15,19 21:5,16 21:22 23:6,10 42:4 question 12:21 23:16 25:4,10,13 27:1 31:11 36:2,5 37:16 42:19 45:1,20 48:15 50:14 questions 7:4 11:11 13:22 20:19 23:14 24:12 26:9 41:12 44:8 46:16 47:7,12 47:15 48:20 quick 28:8 quickly 46:11 quite 7:16 26:15 37:2</p> <p style="text-align: center;"><b>r</b></p> <p>r 1:12,12 6:21 rab 1:1,4,13,14,15 1:16,17,19,20 13:20 24:24 27:6,23 28:24 45:9 47:5,7,13,14 49:7 range 1:18 20:19 25:16,19 34:20 35:20 36:9,12,15,25 37:14,17,20,25 38:6 38:9,17,22 39:5,7 39:12,16,19,25 41:11,18,21,24 42:2 42:5,9,22 43:2,14 44:6 51:10,15,21 52:1,6,11,16,19,23 53:1,9,25 54:4 rar 27:24 rate 10:14</p>	<p>read 46:2 48:21 49:17,20,21 reading 41:14 49:14 really 8:7 9:5 24:13 38:6,10,12 42:4,18 47:3 48:8,16,20 reason 24:11 recall 38:23 receive 7:2 46:6 received 5:7 40:6 receiving 7:2 48:1 record 4:25 24:6 recreational 41:8,9 recurring 16:2 red 14:3 32:3 reduces 9:1,2 redundancies 48:3 reestablish 8:2 regard 25:23 44:24 relative 55:10,12 relatively 8:15 release 18:11 remaining 37:4 remedial 22:19 27:24 remediation 22:9,16 29:18,19 remember 15:13 repetitive 22:2 report 6:6,7 7:1,2,5 9:20 12:7 13:17 19:11 22:5,7,11,12 22:24,25 27:24 28:2 30:21 33:2,4 34:7 34:23 35:8 36:14 40:24 41:17,22 45:24 48:16,20 49:25 reporter 2:4 55:4 reports 27:6 45:2,6 45:7,13,19 46:6 48:16 49:14,15 represent 30:24 required 9:12 11:6 34:13 41:3</p>
---	--	--	---

<p><b>requirements</b> 41:5  <b>research</b> 48:8  <b>resident</b> 1:16  <b>residential</b> 23:6,12  33:1 35:1 38:7,13  39:9,20 41:2,10  51:4 53:6  <b>residual</b> 34:25 44:4  <b>resolution</b> 36:16  <b>responded</b> 3:19  <b>response</b> 3:12 40:6  <b>responsibilities</b>  40:18  <b>responsibility</b> 35:17  <b>rest</b> 35:2  <b>restoration</b> 1:1 3:3  <b>restricted</b> 39:20  40:22,25  <b>restriction</b> 38:6  39:18,24  <b>restrictions</b> 34:12  35:14 38:3 43:12  44:6  <b>restricts</b> 34:9  <b>result</b> 50:24  <b>results</b> 6:3,10 7:23  8:3 9:18 12:1 14:2  14:10 16:13 22:4,4  25:1 31:5 32:17,22  33:2,10,19 49:21  52:3,5  <b>retrieve</b> 11:8  <b>review</b> 4:1,9 7:19  25:15 36:25 45:7  47:3 48:6  <b>reviewed</b> 33:23  <b>rfp</b> 5:4,5,9 26:20  <b>richard</b> 1:16  <b>rid</b> 48:3  <b>right</b> 3:10 4:6,16  13:5 14:21 18:24  20:23 21:23 22:10  22:18 25:7 27:20  28:25 29:1,2,4,5,11  29:14 30:23 32:2,11</p>	<p>32:13,13 35:11,15  35:23 36:9,16,17  37:25 38:8 39:10,14  40:23 44:19 47:20  49:3 51:14  <b>riverside</b> 1:9 2:6  18:22 28:23,25 29:6  29:10,15 32:12  <b>rob</b> 44:8 48:17  <b>robert</b> 1:23 21:24  28:1,6  <b>roots</b> 44:2  <b>rough</b> 26:10  <b>round</b> 44:12  <b>rounds</b> 30:2 32:20  <b>runs</b> 29:16 34:15</p> <p style="text-align: center;"><b>s</b></p> <p><b>s</b> 1:12 6:21  <b>safe</b> 53:24  <b>safeguard</b> 34:8  <b>safety</b> 34:9  <b>sale</b> 40:8  <b>sample</b> 8:6 10:12  11:9,9,25 12:19  31:8 33:19 40:24  43:6 49:21 52:2  53:22 54:1  <b>sampled</b> 6:8,9 7:20  11:21,24 13:6,23  20:10,18 23:19  50:22 51:6  <b>samples</b> 8:19 10:7  11:14,16 19:10  20:16 33:14,16 41:1  53:3  <b>sampling</b> 6:2,9 7:12  7:14,23 8:3,9,11,13  8:24,24,25 9:5,7,13  9:15 10:4,19 13:2  13:14 16:19 20:9  29:21 30:1,6 31:5,7  32:21 43:5 51:16,21  51:23</p>	<p><b>samplings</b> 30:2  <b>sara</b> 3:19 50:12  <b>satisfy</b> 48:9  <b>saw</b> 42:23 53:20  <b>saying</b> 4:20 9:17  37:14 38:14 39:3  52:20 53:10 54:14  <b>says</b> 6:16  <b>schedule</b> 44:16  47:10 49:3  <b>screen</b> 30:21 32:3,14  49:18  <b>seat</b> 25:11  <b>second</b> 4:14,15 8:23  25:5,11 29:1 54:12  <b>section</b> 12:5  <b>sediment</b> 33:13,22  50:19 51:16,23,23  52:3,5,12,12 53:7  53:17,20  <b>sediments</b> 50:21  53:13  <b>see</b> 7:5,24 9:21 12:8  13:13,19 14:4,14  17:16 18:22 19:11  22:4,15 24:2,3  28:21 29:10 30:20  31:6,21,25 32:18  35:11 37:6 40:7  48:14 49:3 50:7,8  <b>seeing</b> 20:5  <b>seen</b> 27:14  <b>selected</b> 12:7  <b>sells</b> 36:6  <b>semivolatle</b> 21:14  <b>semivolatiles</b> 8:21  11:20  <b>send</b> 3:20 11:9  46:22  <b>sensitive</b> 53:19  <b>sent</b> 46:18  <b>separate</b> 30:3  <b>september</b> 6:1,9 8:9  13:19,19 28:19</p>	<p><b>series</b> 7:21 45:2  <b>serious</b> 42:23  <b>service</b> 18:1  <b>services</b> 1:23,24  28:7  <b>set</b> 23:7 31:8 46:5  47:10 49:1,4 53:11  53:13 55:8  <b>sets</b> 5:22  <b>seven</b> 11:21 25:21  <b>shallow</b> 29:22  <b>shame</b> 42:22  <b>shaw</b> 33:10  <b>shop</b> 28:16  <b>shorthand</b> 2:4 55:4  <b>shoulder</b> 21:9  <b>show</b> 7:23 9:21,21  12:24 14:10 47:6  <b>showed</b> 16:13 48:5  53:22  <b>shown</b> 14:13 15:4  16:9 17:9,25 18:4  21:20  <b>shows</b> 35:10  <b>side</b> 18:17  <b>sideways</b> 49:18  <b>sign</b> 50:8  <b>signed</b> 50:7  <b>signify</b> 4:20 54:14  <b>similar</b> 19:17 21:6  <b>single</b> 12:6 28:11  <b>sir</b> 4:6,8 6:19 24:5  25:5,8,21 26:1,9  44:9,25  <b>sit</b> 11:7  <b>site</b> 5:7 7:17 8:14,22  9:25 11:18 14:2,3,6  14:9,18,22,24 15:4  15:16 16:5,11,11,20  16:23 17:1,6,11,22  18:2,6,7,8,11 19:4,7  19:13,17,20,25 20:6  21:2,6,9,13,17,18  22:13 26:20 28:8,10  28:14,22 29:17,18</p>
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29:18 30:8,9,11 31:8 32:18 33:16,18 34:2,5 35:4 <b>sites</b> 5:5,9 7:19,21 8:3 10:4 11:15,15 11:21,22,23,24 12:7 12:16,23 13:12,23 15:12 19:9 22:8,21 23:25 24:1 25:14 <b>situation</b> 37:9 <b>six</b> 21:19 <b>size</b> 30:22 <b>slide</b> 8:10,12 9:6 10:20 11:13 13:24 13:25 14:17,23 17:5 18:5 19:12 35:9 <b>slides</b> 10:9 16:17 22:2 33:7 <b>slight</b> 43:7 <b>slow</b> 8:15 <b>soil</b> 20:16 29:20 30:1,2,5,6,7,13,19 30:25 31:5,7 32:17 32:24,25 33:1 35:1 35:2,3,6 38:4,10,10 38:11 42:20 43:5 44:1 53:3 <b>soils</b> 16:2 29:22 53:11 <b>soon</b> 5:13 49:23 <b>sort</b> 13:4 37:12 39:11 46:13 <b>sounds</b> 45:15,18 <b>source</b> 24:2 <b>south</b> 28:14,14 29:12 33:16 <b>speak</b> 25:8,10 <b>special</b> 45:4,8,21 49:7 50:1 <b>specific</b> 11:1 25:25 <b>spell</b> 6:19 <b>spend</b> 47:8 <b>spending</b> 47:16 <b>spills</b> 29:24	<b>spoken</b> 37:1 43:17 <b>squash</b> 35:9 <b>stand</b> 26:1 <b>standard</b> 8:13 14:12 14:16,20 15:1,3 16:8,19,22,25 17:4 17:9 18:10,14 19:10 19:16,19 21:5,8,16 21:22 23:10,11 37:8 42:14 <b>standards</b> 23:6 33:1 35:1,3,6 41:3 42:4 43:9,10 51:1,8,9,11 51:14,17,22 52:9,21 53:1,5,12 <b>start</b> 47:4 <b>starting</b> 44:17 <b>state</b> 2:4 9:11 25:15 34:7,14,19 55:4,16 <b>stated</b> 5:9,20 6:11 7:25 <b>statement</b> 24:14 <b>states</b> 3:2 35:21 <b>stating</b> 33:25 <b>station</b> 17:23 18:1 <b>status</b> 41:23 <b>steadily</b> 5:8 <b>stenographic</b> 2:1 <b>stenographically</b> 55:7 <b>storage</b> 19:14 21:2 24:1 28:9,18 29:23 <b>story</b> 19:17 21:6 28:11 <b>street</b> 18:17 <b>stringent</b> 52:14,25 53:2,14 <b>structure</b> 39:8 <b>structures</b> 39:6 <b>studies</b> 15:18 <b>study</b> 9:11 <b>stuff</b> 38:20 <b>submerge</b> 10:13 <b>submit</b> 47:11	<b>submitted</b> 5:5 33:4 34:6,23 <b>subsequent</b> 34:11 <b>subset</b> 11:23 12:4,18 <b>successfully</b> 32:25 <b>sucked</b> 43:22 44:2 <b>suggested</b> 48:24 <b>suggestions</b> 46:17 <b>summarize</b> 23:4 <b>summary</b> 7:1 14:7 28:2,8 <b>support</b> 25:2 <b>supposed</b> 19:25 38:10,11 47:22 <b>sure</b> 26:2,16 31:13 36:3 38:17 39:16 <b>surface</b> 31:3,4 32:25 33:14,22 50:22 51:16,21,22 52:2 53:12 <b>surrounding</b> 28:12 29:23 30:24 <b>surveyed</b> 35:10 <b>symbols</b> 14:5	<b>tested</b> 50:20,20,20 <b>testing</b> 26:21 50:15 50:15 53:12 <b>tetrachloroethene</b> 16:16 <b>thank</b> 3:9 4:8,18 6:22 19:3 24:9 26:6 27:13,20,21 34:21 35:24 39:15 40:1,20 44:9,10 50:3,13 54:6,7,17,19 <b>thanks</b> 27:22 <b>theory</b> 9:22 <b>thereof</b> 26:5 <b>thing</b> 6:1 7:18 9:9 9:15 39:3 49:1 <b>things</b> 5:16 20:15,22 44:4 49:19 51:20 <b>think</b> 5:6,23 18:5 20:13 21:23 22:3 25:24 44:11 46:3 47:3,21 53:9 <b>thorough</b> 7:4 <b>thought</b> 8:4 12:4 24:23 52:18 <b>thousands</b> 27:12 <b>three</b> 7:13 11:24 12:2,16,17 15:12 19:6 30:3,3 31:2 43:4 47:23 <b>thumbing</b> 47:8,17 <b>thursday</b> 1:9 2:7 <b>time</b> 3:1,7,13,23 4:1 4:2 5:1 7:6 8:1 11:5 12:10 24:13 26:10 26:13,18 27:25 37:2 43:9 44:12 45:13 47:8,13,16 50:5 54:9 55:7 <b>times</b> 9:24 24:22 30:3 <b>today</b> 6:15 46:21 <b>told</b> 6:2 13:25 <b>tomato</b> 43:18,25
		<b>t</b>	
		<b>table</b> 44:12 <b>take</b> 7:2 10:12 25:11 37:3 43:6 <b>taken</b> 2:3 11:15 20:12,16 26:11 29:9 29:12 55:7 <b>talk</b> 7:15,18 33:6 <b>talked</b> 10:10 50:18 <b>talking</b> 51:3,8,8 <b>tank</b> 19:14 24:1 <b>tap</b> 3:12,19 <b>technique</b> 13:9 <b>tennis</b> 38:19 <b>term</b> 8:6 13:14 <b>termite</b> 43:24 <b>terms</b> 8:11 12:22 26:10 <b>test</b> 53:11,21	

<p><b>tonight</b> 7:10,13,24 28:24 <b>tons</b> 32:17,20 42:24 <b>top</b> 32:9 39:4 <b>tough</b> 30:20 <b>transcript</b> 1:4 2:1 55:6 <b>transfer</b> 11:8 <b>transferred</b> 40:10 40:14 <b>treat</b> 22:23 <b>trees</b> 43:13 <b>tremendous</b> 42:19 <b>tried</b> 35:8 47:2 <b>trigger</b> 52:1 <b>trucks</b> 43:1 <b>true</b> 55:6 <b>try</b> 10:6,14 48:3 <b>trying</b> 18:15,17,23 49:2 <b>turn</b> 5:1 <b>tweaks</b> 37:5 <b>twice</b> 41:16 47:2 <b>two</b> 5:22 8:12 9:6,18 11:6,8,11 12:1 14:10 15:2,3 17:2 19:6 21:20 26:9 31:3 32:20 35:9 41:18,19 <b>type</b> 8:25 13:15 22:19 47:2,9 <b>typical</b> 38:4 <b>typically</b> 53:2,18 <b>typo</b> 17:14</p>	<p><b>undertaken</b> 22:10 <b>united</b> 3:2 35:21 <b>update</b> 5:4 <b>updated</b> 46:20 <b>updating</b> 5:18 <b>upfront</b> 48:25 <b>upload</b> 5:20 <b>upstream</b> 33:17 <b>usage</b> 35:6 <b>use</b> 15:24 23:7 35:14 38:7,13,15 39:9,20 51:17,22,23 53:13 <b>users</b> 38:3 <b>uses</b> 34:10 <b>ust</b> 18:11 <b>usually</b> 10:23,25 <b>utilizing</b> 43:15</p>	<p style="text-align: center;"><b>w</b></p> <p><b>wait</b> 46:23 49:3 <b>waiting</b> 5:10 <b>walk</b> 45:25 47:14 <b>wanda</b> 1:14 5:2 7:12 7:25 22:5 23:2 37:2 37:7 44:11 45:6 <b>want</b> 3:13 6:10 7:14 7:18 8:6 10:5 39:9 44:14 47:21 <b>wanted</b> 8:2 9:9 20:13 <b>wants</b> 45:11 <b>warehouse</b> 28:18 <b>warehouses</b> 39:11 <b>waste</b> 8:18 <b>water</b> 8:16,18 9:3,4 9:8 10:13,16,24 19:10 33:14,22 44:2 50:22 51:5,16,19,20 51:22,22 52:2 53:8 53:12,24 <b>way</b> 24:13 31:24 36:17 52:17 <b>we've</b> 24:21 <b>website</b> 5:15,17,18 5:21,23,24 <b>week</b> 31:21 <b>weeks</b> 11:6,8 38:12 47:11,25 49:5,5 <b>welcome</b> 26:8 <b>wells</b> 8:5 12:17,19 14:6,14 15:2,4 16:7 16:9 17:13,14,18,21 17:24,25 19:7 20:9 20:17,18 21:20,20 23:18 30:10 32:1,4 <b>went</b> 29:18 31:24 39:21 <b>wide</b> 8:20 <b>wish</b> 54:8 <b>wood</b> 15:12 17:7 34:2</p>	<p><b>work</b> 24:11 28:7 <b>workers</b> 39:13 <b>working</b> 5:19 39:10 <b>workshop</b> 46:2,13 49:8,13 50:2 <b>written</b> 36:17 <b>wrote</b> 48:17</p>
			<p style="text-align: center;"><b>x</b></p>
			<p><b>x</b> 35:15 38:12</p>
			<p style="text-align: center;"><b>y</b></p>
			<p><b>y</b> 6:21 35:15 <b>yeah</b> 17:20 20:3,4 20:21 22:21 27:16 31:23 32:11 36:13 36:15 37:14 40:15 41:14 42:3,5,5,10 42:13,15,18,22,25 45:22 47:1,18,24 48:2,17 49:25 <b>year</b> 33:10 41:16 <b>years</b> 13:7 22:9,17 22:20 26:11,12,23 26:23 27:14,16,19 41:18,19 <b>yesterday</b> 5:6 <b>youhas</b> 1:23 18:24 21:25 28:1,3,6,7 29:4 31:13,16,23 32:11,16 34:17,22 35:23,25 36:3 40:21 42:13,16 43:4 44:10 48:17 50:17,21,25 51:6,12 <b>young</b> 28:4 <b>yup</b> 19:23</p>
			<p style="text-align: center;"><b>z</b></p>
			<p><b>z</b> 35:15</p>