



# THE MEMPHIS DEPOT TENNESSEE

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## ADMINISTRATIVE RECORD COVER SHEET

AR File Number 561

**Defense Logistics Agency  
MEMPHIS DEPOT**

**RESTORATION ADVISORY BOARD MEETING**

**Agenda**

**Thursday, July 15, 1999  
6:00 p.m.  
"J" Street Café, Building 274  
2163 Airways Boulevard  
Memphis, Tennessee 38114**

<b>Welcome and Introductions</b>	2 min.	Mr. Mondell Williams Community Co-Chair
<b>Review and Approve Agenda Review June Meeting Minutes</b>	3 min	Mr. Mondell Williams
<b>Old Business</b>		
<b>Comments/Questions from June Meeting</b>	10 min.	Mr. Shawn Phillips RAB Facility Co-Chair
<b>New Business</b>		
<b>Memphis Light, Gas and Water Update</b>	10 min	Mr. James Webb MLGW RAB Member
<b>Update on Other Issues</b>	20 min.	Mr. Shawn Phillips
<b>BCT Update</b>	15 min.	Mr. Jordan English Tennessee Department of Environment and Conservation
<b>Comments from June BCT Meeting Comments from July BCT Meeting</b>		Ms. Terri Gray Mr. Stanley Tyler
<b>RAB Comment Period</b>	5 min.	Mr. Mondell Williams
<b>Public Comment Period</b>	15 min.	Mr. Shawn Phillips

**ADJOURN MEETING**

**MEETING MINUTES**  
**Restoration Advisory Board**  
**July 15, 1999**  
**The Memphis Depot**  
**Memphis TN**  
**"J" Street Cafe, Building 274**

**The Restoration Advisory Board (RAB) meeting was held at 6:00 p.m. on July 15, 1999 at the Memphis Depot in the "J" Street Cafe, Building 274, 2163 Airways Boulevard. The attendance list is attached.**

**WELCOME AND INTRODUCTION**

1    **MR. WILLIAMS:**    Good afternoon. I'd like to welcome everyone to the July meeting. I would  
2                            like to welcome the RAB and other former employees that have worked at  
3                            the Defense Depot in the past. I want to bring up a real quick issue here to  
4                            the RAB members. I found out that at this table, I've said it a couple of  
5                            times and I guess it has not stuck. At the table you should agree to  
6                            disagree and still be able to carry the process on. We should be able to  
7                            respect each other's decisions and each other's comments at this table. In  
8                            the past, it has been like a stigma about the way people might say things or  
9                            the answer that they may give that other RAB members might feel that it  
10                            might be sort of watered down or lackadaisical about what's going on.  
11                            But just to open up the meeting, I hope that we all can agree to respect  
12                            each other's decisions and to carry the meeting on in a fashionable way.

13  
14                            And I would like for all the visitors to know that if you sign in at the front  
15                            desk, be sure to put down your full name, your address, and your zip code  
16                            so that we may be able to send you flyers, handouts or whatever that the  
17                            RAB might have that they want to send out for distribution. If you get up  
18                            to address the RAB, please state your full name so that it can be part of the  
19                            record. We have a transcriber over to the left of us here. At the last  
20                            meeting he had a hard time trying to do his transcribing because two or

1 three people were talking at one time. I think that was of great disrespect  
2 to him as well as other members and the visitors here. So if we can sort of  
3 abide by those requests, I would appreciate it to the utmost.  
4

5 And I would like for everybody to look over the agenda, first of all, to see  
6 if there's anything on the agenda that they would like to either change, add,  
7 or correct or want to put in?

8 MR. PHILLIPS: There's one thing I would like to change on the agenda. Earlier today I got  
9 a telephone call from Ms. Terri Gray and she won't be able to make it  
10 tonight. So her update on the June BCT Cleanup Team meeting, we will  
11 not be able to do that tonight, at least the RAB member's take on that.  
12 That's the only thing I have.

13 MR. WILLIAMS: Now, would anyone like to make a motion to approve the agenda?

14 MR. BALLARD: I move we approve the agenda

5 MR. GRAY: Second.

16 MR. WILLIAMS: All in favor? Any opposed? Motion carried. Now I would like for you to  
17 take a moment -- I hope that you have looked over the minutes of the last  
18 meeting, and I would like to know ---

19 MR. BALLARD: This is Turpin Ballard. When I was reviewing these minutes, I thought  
20 back to the January meeting where one of the RAB members learned that  
21 what goes in the transcripts stays in the transcript. Maybe it's not exactly  
22 how you like to say things. I saw to my embarrassment that there's a  
23 statement I made in here which is -- the way I said it is how it was said, but  
24 it's completely opposite to the way that I want ---

25 MR. PHILLIPS: Interpret it?

26 MR. BALLARD: No, no. The way that I think, the way that I believe it came out. It came  
27 out this way and it's at the bottom of Page 7, where I say, "there's no  
28 requirement for you people to get individual copies of material." I don't  
29 like that. I know none of you did either, I'm sure. And because when I

1 make a statement like that, it appears that I'm setting myself apart from this  
2 RAB and this process, and I don't want to do that. I don't intend to do  
3 that. I just want to apologize to the members of RAB and the community  
4 for any offense that I've given in making that kind of a statement. I try my  
5 best not to make those kinds of statements because it's just rude. I'm sorry.

6 MR. WILLIAMS: Anyone else like to add, change or to comment on the minutes of the last  
7 meeting?

8 MR. PHILLIPS: I move that the minutes be approved with Turpin's comments reflected in  
9 tonight's minutes.

10 MR. GRAY: I second.

11 MR. WILLIAMS: All in favor? Any opposed? Motion carried. I have something in front of  
12 me here, and this is a copy of the RAB charter. It was brought to my  
13 attention that the RAB members are getting sort of lackadaisical about the  
14 meeting, the participation and the flow of information to and from the  
15 community. It says in our RAB charter - 'Section 5, Member  
16 Responsibility' states as follows: "Members are responsible to attend all  
17 regularly scheduled meetings as well as other public events such as public  
18 meetings for records of decision, public availability sessions." Does  
19 everyone have a copy of that charter? Do they have a copy of this? I  
20 really didn't want to go through the whole thing, but I wanted to make sure  
21 that we understood some things about this.

22  
23 RAB members are expected to communicate with the local community.  
24 Members meaning certain organizations that you are members of.  
25 Community members as well as other members of this board are  
26 responsible to be liaisons to the community that they represent. And it's  
27 been a feeling that a lot of the members have not been taking the  
28 information back or sharing information with their community. Okay?

29 MS. BRADSHAW: My name is Doris Bradshaw.

1 MR. WILLIAMS: The minutes have been ---

2 MS BRADSHAW: I know they have been approved, but I see something missing, a whole  
3 section it looks like.

4 MR. WILLIAMS: Could we possibly come back to that because we sort of got past that, and  
5 we'll get back to it. But I feel that this is important that the members need  
6 to understand what their responsibility is right now. We have been  
7 bombarded with lots of different things other than what we're here for.

8  
9 Okay. I want you -- we have a member here from the -- no, we are the  
10 RAB. We are responsible for the environmental part of the clean up of this  
11 Depot to make sure that it's done properly and to be the watchful eyes of  
12 our community. So I would like to make sure that we understand what this  
13 is talking about. Does everybody understand about the charter? Okay. I  
14 really don't want to go into the whole section of it, but I want to make sure  
15 that we understand what we're here for and we're about the business of  
16 doing what we're here for.

17  
18 Because to me at the last meeting and a couple of other meetings, I've  
19 noticed that some people have their own agenda. If our agenda is not the  
20 same agenda, then we have a problem. And we should be here as one and  
21 not as individuals. I see so much individuality at the table until we can't get  
22 to the business at hand taken care of. But I really wanted to bring that up  
23 because the meeting has been bombarded with lots of stuff that shouldn't  
24 even be at the table. Ms. Bradshaw, before we pull into Old Business, I'll  
25 let you bring up about the minutes of the meeting.

26 MS. BRADSHAW: I have a question. It was questions that were asked -- I don't know if it  
27 was during the public participation minutes or the minutes in here. And  
28 that was the question that I asked then, why it's not even in here? It look  
29 like it's a whole ---

1 MS. MOORE There are two separate documents. Two separate documents - one is RAB  
2 minutes and the second document is the Technical Presentation. I probably  
3 should have made them different colors to ensure we had some difference  
4 in the Technical Presentation and RAB minutes.

5 MS. BRADSHAW: I think that's where I'm confused.

6 MR. PHILLIPS: Are you ready, Ms. Bradshaw?

7 MS. BRADSHAW: I was looking in the wrong one. I need to go over this for a second.  
8

9 **OLD BUSINESS**  
10

11 MR. PHILLIPS: We have BCT comments after Old Business and New Business. Moving  
12 on to Old Business - comments and questions from the June meeting. As  
13 always we welcome agenda topics from the RAB members for our RAB  
14 meetings. There have been several requests lately. One request that stands  
15 out is a request for the Depot Redevelopment Corporation (DRC) to do a  
16 presentation on the reuse that's taking place out here. That request has  
17 been taken to Mr. James Covington from the Depot Redevelopment  
18 Corporation, and he will be at our August RAB to give that presentation.  
19 So we're putting that on the agenda. I believe Mondell asked for that and  
20 also a few other RAB members asked for that.  
21

22 The mailing list concerns or questions - we'll give you an update on that,  
23 since that has been an issue for the RAB. And that will also be done at the  
24 August meeting by Frontline, probably Alma Moore. She'll do that update  
25 for us. Mr. Brayon also requested like two or three RAB meetings ago -  
26 and he mentioned it last month - a presentation on the budget process or  
27 the budget. I'm working on a fact sheet for that so we can -- it's the kind of  
28 information that you need to look at beforehand. So I'm working on that  
29 and I hope to get that out to you as soon as I have it completed.

1  
2 From another topic that we discussed in May - the golf course and the  
3 status of the Streamline Risk Assessment, which we finalized earlier this  
4 year on the golf course. We sent out that fact sheet with the meeting  
5 minutes from last month's minutes. Hopefully, y'all have it.  
6

7 **NEW BUSINESS**  
8

9 **MR. PHILLIPS:** I believe that's all the Old Business from the June meeting. I'll have an  
10 update on other issues which are also included here, but that's on general  
11 project information. So that belongs under update on other issues. With  
12 that, there was a question last month of MLGW (Memphis Light, Gas and  
13 Water) Mr. Webb put together a little bit to talk to us about.

14 **MR. WEBB:** At the last meeting the Water Quality Report was passed out and made  
15 available to everyone, and there were some questions that related directly  
16 and indirectly to the report. Unfortunately, I was unable to be here. I had  
17 some family business to take care of, and I asked Dr. Randy Gentry of the  
18 Groundwater Institute to sit in for me. Dr. Gentry is very familiar with the  
19 hydrology and the geology of this area as it relates to our Memphis source  
20 water and, indirectly, to the drinking water. Dr. Gentry is very  
21 knowledgeable of the geological aspects of our source water. I may hold a  
22 little edge on him as far as the water chemistry goes and water testing, but  
23 as far as the geology aspect of it, he beats me there. So he's not here  
24 tonight but -- I don't believe he's here tonight - but I wanted to thank him  
25 for sitting in for me.  
26

27 First, let me say that the Consumer Confidence Report or the Water  
28 Quality Report will be mailed out to all of our water customers every year.  
29 This is a new government regulation. All water purveyors must do this



1 annually. Community water systems and towns and small cities can create  
2 an abbreviated version of the report and put it in the public newspaper.  
3 But large cities like Memphis are required to send the report out to each  
4 customer, and we have to do that in a separate mailing. Can't go in the  
5 water bill, so to speak, or anything like that.

6  
7 The Environmental Protection Agency (EPA) tells us what must go into  
8 the report. It's primarily a report on drinking water and not the source  
9 water. A city, for example, may have a pretty nasty source water, but the  
10 question is can they clean it up? What's in the water and how the various  
11 microbial and chemical parameters compare with the established standards?  
12 You can imagine how thick a report would be if New Orleans, for example,  
13 was required to give a detailed report on the contaminants or potential  
14 contaminants in their source water, because their source water is the  
15 Mississippi River. That report would be about that thick and sent out to  
16 their customers

17  
18 Most of you, I think, are quite aware that Memphis has some of the best  
19 water in the world, and that's our source water as well as our drinking  
20 water. And many businesses rely on our water quality and they locate here  
21 in Memphis because of our reputation of our pure water. Coors Brewery  
22 is just one example of that.

23  
24 Now, I would like to say just a few words about something in the report  
25 that some here last time seemed to be kind of confused on. On Page 10 of  
26 the report, it says that "the components listed below have been analyzed for  
27 in the source water and/or treated water." And then in bold letters it says:  
28 "They are below detection limits in the drinking water." Now, why did we  
29 make a statement like that? Well, some of the SOC (Synthetic Organic

1 Compounds) compounds, or components here in the middle table are  
2 colored yellow. Some of these components, we're not qualified to analyze  
3 and we have to send them off. Most of the components we can. We're a  
4 certified laboratory for metals, inorganics and organics, but a few of them  
5 we can't. And the government, the Environmental Protection Agency and  
6 the State, asked us to run those particular compounds, that we run them on  
7 the source water. It's possible, for example, you run them on the finish  
8 water, say there's 10 or 12 wells running. You might miss a contaminant  
9 that's there because there's such a dilution factor. So they asked us to run  
10 that on the source water, but naturally if it's not in the source water, it's not  
11 going to be in the finished water. I hope that's understandable to you.  
12

13 Most of these, as I said, we can run ourselves and we run these - a lot of  
14 these compounds are only required once every three years - but we run  
15 them every year. And we try to run each of our individual wells each year  
16 if possible. That's not required at all. So I hope that you understand that  
17 Most of the compounds we run on both the source water and the finished  
18 water.  
19

20 Now, to answer a question that Mr. Bradshaw had last time, I believe his  
21 question was: "Is MLGW saying that some of the Depot chemicals are now  
22 in the Memphis Sand Aquifer?" The answer to that question is no. We're  
23 not saying that at all. I would like to come back to another one of his  
24 comments here in just a moment. I'd like to say something about the --  
25 address the term 'contaminant' for just a minute or two. And ask the  
26 question, do we have any contaminants in our water? In a technical sense  
27 we do. On our yearly analysis sheet that you see back there at the back of  
28 the table - some of you may have them here - you'll note on there that we  
29 have, we show traces of nitrates. We have nitrates in some of our wells

1 and we have nitrates in some of our water. But the Environmental  
2 ~~Protection Agency and the State~~ are not concerned about this because the  
3 amounts are below the maximum contaminant level or the MCL as we call  
4 them. This is true also of barium and aluminum and some other  
5 compounds. We have trace amounts of hydrogen sulfide in some of our  
6 wells, and it shouldn't be in the finish water. It's a contaminant, but we  
7 don't shut the wells off because that contaminant is in there if we can  
8 remove that in the treatment process. And we have good aeration and this  
9 contaminant comes out of the water.

10  
11 We have trace amounts of VOCs (Volatile Organic Compounds) in a few  
12 of our wells, not only a couple here in the Allen Wellfield but in some of  
13 our other wellfields from time to time. And these compounds are easily  
14 removed in the aeration process. And not a trace of them is left in the  
15 finished water. Again, we ask the question, how does the finish water turn  
16 out? I would like to address a comment that Ms. Peters made at the last  
17 meeting about two wells in the Allen Wellfield mixing with other wells so  
18 that we just get one thousandth of something left. It really doesn't matter if  
19 we're running a well that has a small amount of VOCs whether with five  
20 wells or 12 wells or whatever, because all the traces come out in the  
21 aeration process.

22  
23 Now, let me address one concern that Mr. Bradshaw had and then I'll try to  
24 conclude my remarks here. He stated that in the 1990 Law Environmental  
25 Studies it showed that there were some contaminants in the shallow aquifer  
26 here at this site. And, in answer to that, let me say that has been known for  
27 some time, and that was one of the reasons for declaring this particular site,  
28 one of the major reasons for declaring this area a Superfund site about six  
29 years ago. Now, Mr. Bradshaw, you asked a question also, "why hasn't

1 MLGW told us that these contaminants were in the Memphis Sand Aquifer  
 2 within that nine-year period?" Well again, you were referring to the 1990  
 3 Law Environmental Studies concerning the Defense Depot. As I've stated  
 4 in previous RAB meetings, we have not detected any contaminants in the  
 5 wells near the Defense Depot. On our testing equipment we can get down  
 6 in fractions of parts-per-billion, sometimes in parts-per-trillion.

7  
 8 Now, the components that are found here in the shallow water at the  
 9 Defense Depot are volatile compounds. If some of them were to have  
 10 gotten into the Memphis Sand Aquifer, of course, a lot of dilution has  
 11 taken place. If small amounts of these show up in the wells near -- our  
 12 wells near the site - our aeration process can take them out. But I would  
 13 like to direct a question this time to Mr. Phillips as a hypothetical question,  
 14 a what if-type question. What if, in the future, we begin to find very large  
 15 amounts of VOCs in some of our wells near this site? Let's say that the  
 16 levels were so high that they couldn't be removed in the natural aeration  
 17 process. Or let's say that there were some nonvolatiles that showed up that  
 18 we could trace back to this site. The question I have for you, Mr. Phillips,  
 19 is there money or would there be funds available from the government to  
 20 treat these wells?

21 MR. PHILLIPS: Your hypothetical situation is if it shows up and it could be -- it comes --  
 22 definitely proved it comes from the Depot?

23 MR. WEBB: If we found volatiles near well 115 and 118, which are very close to the  
 24 Defense Depot, it would be highly suspected that it was coming from here.  
 25 Let's say though, if it was very large amounts and we couldn't get them out  
 26 or, again if we can trace a nonvolatile back here, are their government  
 27 funds available to treat those wells with?

28 MR. PHILLIPS: If it's determined and the regulators determine that it's from the Depot, it's  
 29 part of our responsibility under the CERCLA (Comprehensive

- 1 Environmental Response, Compensation and Liability Act) that we'll be  
2 responsible for that and we would have to handle it. If that ever occurred -
- 3 MR. WEBB: Even if it were out there four or five years from now or whatever?
- 4 MR. PHILLIPS: It doesn't matter. We would be responsible for it if it was determined to  
5 come from here
- 6 MR. WEBB: Thank you.
- 7 ^??: (Inaudible question)
- 8 MR. WEBB: If we had to shut a well down we would. If we've got something in there  
9 and if it were a nonvolatile and we couldn't treat it, then we could certainly  
10 shut it down. But during the summer load, we mostly need all our wells  
11 running.
- 12 ^??: (Inaudible)
- 13 COURT REPORTER: Use the microphone. I need your name and I can't understand you.
- 14 MS. PETERS: Johnnie Mae Peters. The question I'm concerned about is, if five years  
15 from now the well was found to be too contaminated to actually use the  
16 water, I see no point in the government spending a dime on straightening  
17 that water out when it's easier to close the well than to try to purify some  
18 water you know that's contaminated. So I'd close the well
- 19 MR. WEBB: That would depend again, on the severity of the contaminate there. If there  
20 were trace amounts of volatiles, we'd aerate it out, but I'm asking a  
21 hypothetical would we get government money for that? Or if it should  
22 contaminate a large section of the wellfield, we couldn't shut them all  
23 down, Ms. Peters.
- 24 MS. PETERS: I thought there was only two here?
- 25 MR. WEBB: If there were only two? Yes. We weigh that situation when we come to it.  
26 But I'm again asking the question is there money available if we needed it  
27 out there in the future from the government to treat the water if we needed  
28 that?
- 29 MR. PHILLIPS: Thank you, Ms. Peters. Ms. Bradshaw, you had a comment or question?

1 MS. BRADSHAW: I have several questions. Years ago you talked about two water wells --  
2 I'm sorry My name is Doris Bradshaw. Years ago you talked about two  
3 water wells that was contaminated, and that MLGW had to shut them  
4 down at Allen Wellfield. And you also told us that you could turn those  
5 water wells back on and mix clean water in it to dilute the poison that was  
6 in the water. I hear you using the word "aerating VOCs." Where do those  
7 VOCs go once you aerate them? The third question is -- I'll let you answer  
8 those two, but I do have another ---

9 MR. WEBB: Ask your first question again.

10 MS. BRADSHAW: The first question was, there was two or three water wells ---

11 MR. WEBB: There was one, one original well that was contaminated. That was in the  
12 Allen Wellfield 127 and it had benzene in there in a pretty large amount.  
13 So at that time we -- it was all coming out of the water - but it was 22  
14 parts-per-billion We thought maybe there might be a slight possibility that  
15 some of it could come through so we shut the well down. However,  
16 through the years -- that's been about eight, 10 years ago. I don't know  
17 what has happened.

18  
19 I was talking to Mr Jordan English -- the contaminants are virtually gone  
20 I don't know whether they have just degraded or whether a plume has  
21 moved on or what's happened, but that well could really be used again. We  
22 have two other wells that have small trace amounts of volatiles in there, but  
23 that's also true in some other wellfields we have. It's not uncommon for us  
24 to get a hit of TCE (Tetrachloroethylene). That's very common and it  
25 seems to be able to go through the clay at times. That's easily handled.  
26 We can easily aerate that out of the water.

27 MS. BRADSHAW: You're saying you can aerate the VOCs. Where do they go from? Because  
28 I understood that VOCs was one the most dangerous ---

29 MR. WEBB: They go just like any other thing that we have in the water.

- 1 MR. PHILLIPS: One person at a time, please
- 2 MS. BRADSHAW: I was asking what happened to the VOCs once you aerate them?
- 3 MR. WEBB: Just like any other thing - like hydrogen sulfide or carbon dioxide or
- 4 whatever. It just goes to the air.
- 5 MS. BRADSHAW: You put it in the air ---
- 6 MR. WEBB: It's parts-per-billion. We're ---
- 7 MS. BRADSHAW: I understand what it is.
- 8 MR. WEBB: We're releasing parts-per-million. You must understand some things are in
- 9 the area all the time from all of our aerators.
- 10 MS. BRADSHAW: But VOCs are released in the air so the people that live closer to the water
- 11 wells are ---
- 12 MR. WEBB: We're talking about maybe two-tenths or three-tenths of a parts-per-billion
- 13 MS. BRADSHAW: VOCs are dangerous regardless ---
- 14 MR. PHILLIPS Ms. Bradshaw, just a second. Mr. Webb, the question that was asked of
- 15 you is what happens to the volatile organics when they are aerated? I
- 16 believe you answered that question. Do you have another question, Ms.
- 17 Bradshaw?
- 18 MS. BRADSHAW: The other question is: It was a water well that was tore down over on --
- 19 right across the highway I mean it was dug up. It was big enough to put a
- 20 van or a house in. It was a huge ditch where you had dug up one of the
- 21 Allen Wellfield pumps. And I see something else on this pump out on the
- 22 outside, the high voltage, no fences around it, and it got something leaking
- 23 down in the drainpipe back behind it. The community over there did not
- 24 know what was going on at MLGW. When they asked MLGW employees,
- 25 they told them it was none of their business. So I want to know what
- 26 happened over on -- what was that, Whitmore Street over by the -- one of
- 27 the water wells on Whitmore and Allen Wellfield?
- 28 MR. PHILLIPS: Before you respond, let me point out that the issues for the Restoration
- 29 Advisory Board at the Depot need to be Depot issues. Your concerns are

1 valid concerns for MLGW You might want to put those this writing and  
2 send those to MLGW

3 MS. BRADSHAW: We were told there was a water well - one of the water wells - Allen  
4 Wellfield was contaminated. We thought that was contaminated by the  
5 Depot you know, at first. When the first letter came out in 1995, if I'm not  
6 mistaken, they had shut it down. I thought it was three water wells that  
7 was shut done. And then I'm hearing one, but I was wondering was this  
8 one of the water wells that was shut down because of contamination?

9 MR. WEBB: As I said earlier, we had 127 that had benzene in there. We shut that one  
10 down, but the benzene has now gone and there's just one tiny trace of one  
11 volatile left. Really, that well could be used and we probably will be using  
12 it in the future

13 MR. WILLIAMS: We need to move on to other -- I'm not saying your questions are not  
14 important - but we want to make sure that everyone gets a chance to ask a  
15 question and we have to move on

16 MS. BRADSHAW: I just want to make a statement and then I'll be through. I want to tell  
17 everyone, the VOC thing is just (inaudible) can cause all types of health  
18 problems. If this was one of the wells that was -- that had VOCs and they  
19 aerated people houses like next door to this water well, I would like to get  
20 with MLGW and find out exactly what happened in the area because  
21 people did ask me. Thank you

22 MR. WEBB: I'll be happy to talk to you.

23 MR. PHILLIPS: Thank you Ms. Bradshaw. Thanks Mr. Webb for the MLGW update. Any  
24 more questions for him? Mr. Clay? I'm sorry, I read the sign. Mr.  
25 Bradshaw, who is sitting in for Mr. Clay?

26 MR. BRADSHAW: Kenneth Bradshaw. Mr. Webb just answered a few of the questions that I  
27 posed at last month's RAB. And I got - I want Mr. Webb to elaborate a  
28 little on the groundwater. Now, I'm not a microbiologist. I'm just a guy  
29 from the community. I know Mr. Webb has got all these degrees and is a



1 water expert and everything. The first thing I want to say is that the  
2 Federal Facilities Agreement that was signed in 1995 I think, between the  
3 United States Environmental Protection Agency and Defense Logistics  
4 Agency (DLA) and the Tennessee Department of Environment and  
5 Conservation (TDEC), in that agreement it's stated that it was a plume of  
6 contamination beneath the Depot. And it had migrated from the Depot off  
7 site. I think this was a quarter mile. They had a drawing, a diagram that  
8 looked like it was all the way as far as Forest Hill Cemetery to me.

9  
10 In that agreement, which was a legal document which went through not  
11 only the Army, State of Tennessee and Environmental Protection Agency,  
12 it even went through the Justice Department. So I'm thinking this is valid  
13 information and that's where I got the idea of a plume and that was backed  
14 up by that 1990 Law Environmental Studies. And that agreement said it  
15 was a variety of toxins in that plume, not only TCEs but heavy metals,  
16 VOCs. And also in that Federal Facility Agreement -- and I know in this  
17 Law Environmental Studies, it referred to one well on the Depot property  
18 with cobalt contamination.

19  
20 Now, I'm not a geologist. I don't know anything about geology but what I  
21 read. I read a copy of Mr. Jordan English's work on the Naval Air Station,  
22 and it looked very professional. I've got to give him credit for that - the  
23 distinguished geologist or whatever -- because he really did a good,  
24 thorough job on that. But when I read that Federal Facility Agreement  
25 concerning the Depot, I cannot give them the same kind of accolades I did  
26 Mr. Jordan on the other things. Mr. Jordan's work on the Naval Air  
27 Station at Millington, it introduced the term transmissivity to me. The way  
28 I understood from the glossary that they had in the back, that it measures  
29 the speed of water through these various aquifers and everything. And the

1 speed of the water at the Naval Air Station was 24,000 square feet per day  
2 in the fluvial aquifer and it was 5,000 square feet per cubic feet per day in  
3 the Memphis Sand Aquifer.  
4

5 Now, I'm not a geologist, and the diagram they had on that water flow  
6 thing was very confusing because they had arrows going everywhere,  
7 which indicated that they didn't know which way that water was going or  
8 which way it was flowing. But if the aquifers in Memphis is like anything  
9 at the Naval Air Station in Millington - which I know both of them are the  
10 same aquifer, part of the same system - I'm thinking the rate of flow for the  
11 water at the Depot is the same thing as the Naval Air Station because it had  
12 the same geology, same fluvial aquifer, same Memphis Sand Aquifer. My  
13 question to Mr. Webb is considering that this contamination was in the  
14 fluvial acquifer, considering that the rate of flow of this groundwater was  
15 approximately 24,000 square feet, it seems to me I could draw a logical  
16 conclusion that contamination from the Depot is all over Shelby County.  
17 And because I think the Federal Facility Agreement also indicated that this  
18 park had a lake and held the Depot responsible for cleaning up because  
19 they traced contamination back to the Depot.  
20

21 And I want to know what happened to that contamination from the Law  
22 Environmental Studies since it was a legal document and the Federal  
23 Facilities Agrëement says it was a legal document and everything? Where  
24 did the contamination go? If it didn't go in the drinking water, where did it  
25 go? It hasn't showed up. Where is it as we speak? Any geologist expert  
26 or microbiologist or anything to do with water can tell us exactly where  
27 that plume of contamination that had over hundreds of some toxins in it,  
28 where did the toxins go?  
29

1 And I would like to add for my second question, everybody keeps referring  
2 to CERCLA I got a copy of CERCLA. It does not say anything about  
3 the Department of Defense (DoD) sites. It does not say anything about  
4 Defense Logistics Agency. It makes no mention that anything due to  
5 CERCLA is under DoD's authority or supervision or anything.

6 MR. TRUITT: Ulysses Truitt. Point of order. Mr. Webb's report -- if Mr. Bradshaw has a  
7 specific question - we don't want to hear a dissertation. What is his specific  
8 question?

9 MR. PHILLIPS: Point of order.

10 MR. BRADSHAW: I asked Mr. Webb. I didn't ask Mr. Truitt.

11 MR. PHILLIPS: Mr. Truitt has a point of order. You're out of order, sir. Mr. Webb will  
12 have the opportunity to respond or decline to response.

13 MR. TRUITT: We heard Mr. Webb's report. Nobody has any problem with his report, but  
14 now we're going through a dissertation for one question and we haven't  
15 gotten to that question yet And the meeting was pre-empted by Mr.  
16 Williams with statements to the effect that we were going to direct our  
17 focus to the specifics of this RAB, not the community, but the RAB and its  
18 objectives. Where are we going? We're wasting time

19 MR. PHILLIPS: I understand, sir. Would you like to respond to any part of the  
20 commentary or the question that you derived out of that ---

21 MR. WEBB: I can appreciate Mr. Bradshaw's concern and I can appreciate the fact that  
22 he read the report. All I can say is that we have not detected any  
23 contaminants. I've told you in a sense what a contaminant is, and I've told  
24 you that in a sense we may have some in our water. But they are below the  
25 maximum contaminant level. I've told you that we have some of the best  
26 water in the world and that's the truth. We have -- but as to what  
27 happened to this plume that you're talking about - if it's all over the county  
28 we haven't seen it. Would you like to address that a little bit, Jordan, as far  
29 as your knowledge of it?

1 MR. ENGLISH: We're still looking at groundwater. We're still trying to track the plume.  
2 I'm not sure of your figures with regard to groundwater transmissivity or  
3 flow. First of all, I'm not sure of the numbers that you gave for Naval Air  
4 Station. Secondly, the numbers at the Naval Air Station may not relate at  
5 all to the subsurface geology here. Subsurface geology is a highly variable  
6 in the area. You may have high transmissivities in some areas and low ones  
7 in others. The fact that we haven't seen any contaminants in any of the  
8 Allen Wellfield wells to me is a good indication that the plume hasn't  
9 reached there yet.

10  
11 So we're still trying to track the plume near the Dunn Field area to  
12 understand the magnitude of the plume. And we have in fact, installed  
13 extraction wells to try to capture that plume so that it doesn't migrate any  
14 further. We're still doing the investigation right now. We're in the process  
15 of installing a well over in the Belz property area east of the - to the west  
16 of Dunn Field - to try to understand that plume completely. We also have  
17 two or three other monitoring well plans for the Rozelle neighborhood as  
18 well. So the investigation is not complete. We don't know all the answers  
19 yet. The reason we're still investigating is because we're trying to  
20 understand it.

21 MR. PHILLIPS: Mr. Bradshaw, I would like to ask -- I know you have another comment.  
22 We have a RAB comment period at the end meeting. Could you table your  
23 question until that point?

24 MR. BRADSHAW: Very, very briefly. The question that went unanswered: How is the Depot  
25 under CERCLA, 42 U.S. Code 9604? And this is the question I asked last  
26 month. Mr. Turpin Ballard said it was -- I reviewed my copy of CERCLA  
27 - and I didn't see anything about DLA, DOD, or any other federal agencies.

28 MR. PHILLIPS: We'll look into a written response for you. Thank you. I have an update  
29 on all other issues -- of many other issues that we're working on. Best way

1 is to jump into this. We have two Public Comment Periods going for  
2 proposed removal actions. The first Public Comment Period is for the old  
3 paint shop and maintenance areas, Parcels 28 and 35, and that Public  
4 Comment Period ends today. We have verbal comments that we received  
5 that night when we had a public meeting on this in May. We also received  
6 letters from two RAB members with written comments. I'd like to  
7 recognize those RAB members and say I appreciate it - Mr. Brayon and  
8 Mr. Garrison. I appreciate those comments from you.

9  
10 The public notice that we extended that Public Comment Period by 30  
11 additional days up until today, appeared in the Tri-State Defender and  
12 Silver Star News in the June 24 issue. It also appeared in the Commercial  
13 Appeal on June 23. So that was Public Comment Period extension and we  
14 received two written comments during the second 30-day period.

15  
16 The second proposed removal action is the action that we had at our public  
17 meeting at the June RAB for the chemical warfare materiel project at Dunn  
18 Field. The Public Comment Period for that ends on August 9. That is  
19 within the 30-day extension. We've had some chemical warfare materiel  
20 comments and you can go to the sign-in table tonight if you want to leave  
21 some comments with us. I'll get that document out. That's back at the  
22 sign-in table and this is open for the public, too. If you have any comments  
23 on that proposed action, please write them down here and we'll respond to  
24 them when we prepare responses to all the public comments.

25  
26 We will run an ad in the Commercial Appeal on Tuesday, July 27. We will  
27 also run an ad in the Tri-State Defender and Silver Star News on July 29  
28 notifying the public that we are extending this period until that August 9.

1 So there's a brief update on the two Public Comment Periods on the  
2 removal actions

3  
4 Our Information Repositories—We would like to again invite you to visit  
5 our Information Repositories at the Main Library on Peabody, also at the  
6 Cherokee Library on Sharpe, and the Memphis/Shelby County Health  
7 Department on Jefferson. Our reading room - as I said a few months ago -  
8 we've updated our reading room. We've made it a really nice area, I think.  
9 We haven't received any requests from RAB members to check out any of  
10 the documents that we have there. But we hope that you'll call our  
11 Frontline Community Relations coordinator, Ms. Alma Moore, to arrange  
12 for a time to visit and come look at those documents or check them out.  
13 Ms. Moore can be reached at 544-0613. Also, today Mr. Stanley Tyler  
14 from the RAB visited our room. Is there anything you'd like to say about  
15 the reading room Mr. Tyler?

16 MR. TYLER: Stanley Tyler. First of all, I would like to thank Ms. Moore for setting up  
17 the reading room. They have a computer in there, and I believe it's on-line  
18 and it's in the northeast corner of Building 144 or what you call the  
19 Administration Building Book repository is nice - the reading room is  
20 nice. I would like to know when we're going to go on-line and get our  
21 Internet site up and running? That's question one.

22  
23 Question two—At what level, once this thing has been installed, I would  
24 like the name, 1-800 number, an e-mail address and an Internet address so I  
25 can call him personally, or her personally, to see what the problem is with  
26 this Internet access being installed. If Monica's testimony can go on the  
27 Internet, public documents can go on the Internet. Thank you.

28 MR. PHILLIPS: Thank you, sir. Let me go ahead and jump to that part of my update. I  
29 don't really need to read what I've written down here. I'll read it word-for-

1 word. "I regret to tell you that I have no further information on our web  
2 site at this time from my command. I've continued to try to get that  
3 information but tonight I don't have that." Mr. Tyler?

4 MR. TYLER: You said command. Is there a name or a rank and serial number,  
5 organization, or a person, or a group that you can write, call, talk to and  
6 see where it is in the pipeline?

7 MR. PHILLIPS: If there is I have not found that person yet. I would like to know that  
8 person, but I have not found that person yet.

9 MR. TYLER: Is there a 1-800 number that I can call as a private citizen and ask?

10 MR. PHILLIPS: I will find out.

11 MR. TYLER: Thank you, sir

12 MR. PHILLIPS: It needs to go back - actually no. Here's something that came up today at,  
13 the BCT Cleanup Team meeting. The BCT Cleanup Team discussed the  
14 plan today to try to help the community for when the Main Installation and  
15 Remedial Investigation comes out. The most important part of that  
16 Remedial Investigation for the Main Installation would be the Risk  
17 Assessment. We would like to see by hand count if the RAB is interested  
18 in asking Dr. Ted Simon to come and to provide training on the risk  
19 assessment process for us. You might recall Dr. Ted Simon did an update  
20 for us on what risk is and how regulators quantify risk. I believe it was last  
21 summer about this same time. I hope you remember the gentleman, but he  
22 was received very well by the RAB that time.

23  
24 Let me go around the table and get a hand count for folks who would be  
25 interested in him providing us detailed risk assessment training. Okay.  
26 One abstaining? Well, I need to say who's negative about this raise your  
27 hand? We have several abstaining and seven in favor of it. So I will seek  
28 to get him here. Let me continue down this line of questions here on this  
29 topic. We expect that Remedial Investigation to be put in the Information

1 Repositories and come out for public review in January of next year. The  
 2 Proposed Plan, which is a step within the CERCLA process to follow the  
 3 Remedial Investigation, will follow a couple of months after that Remedial  
 4 Investigation. And the public review and comment period for that will be  
 5 sometime around May next year. With this in mind, when would the  
 6 training be most appropriate for members of the RAB to get this? We  
 7 believe that in January or February would be the best time frame. That way  
 8 once the Remedial Investigation is available for review, we do a training on  
 9 risk assessment and that would help members of RAB with their reviews of  
 10 the document. You know if no one has any comment, I'm going to shoot  
 11 for January or February. Does anybody have any comment on that?

12 MS. PETERS: Johnnie Mae Peters. I would like to ask a question. Would it be on the  
 13 same day of our RAB meeting or a separate date? Could it like be at three  
 14 o'clock and RAB meeting starts at six or does it have to be on a different  
 15 date?

16 MR. PHILLIPS: That's my next question for you. I was going to ask that next, and maybe  
 17 it's best to go ahead and ask that now. This is going to be detailed training  
 18 because that's a fairly complicated process, risk assessment. I imagine it's  
 19 going to be a four-to-six-hour training session. So we'll most likely want  
 20 to do it with a break, you know, maybe even a lunch in the middle or  
 21 dinner in the middle. Is this something we can do on a weekday? I think  
 22 we'd have a hard time doing it on a weeknight or would a weekend be  
 23 interesting? The reason I'm asking this question now is because Dr. Simon,  
 24 to get on his calendar, we have to make plans long in advance to get his  
 25 calendar set aside for this.

26  
 27 So let me do another hand count for a weekday. Let me ask about a  
 28 weekend first because that's most likely what we're going to go with. Who  
 29 is interested in a weekend training session on a Saturday? If I could have a



1 show of hands, please? No one's interested in a Saturday session. So one  
2 thing we can do is go to Dr. Simon and ask him to make an abbreviated  
3 training session and try to do it on weeknight. Let me go to him and ask if  
4 that can be done before we proceed any further with this. Maybe we can  
5 start sometime earlier in the afternoon like four o'clock or so, Ms. Peters.  
6 I'll talk with him between now and the time we break for the holidays. I  
7 think that's November. So either next month in August or September I'll  
8 get back to you or something, what he thinks he can do. Now at the end of  
9 that topic, Mr. Bradshaw had a comment.

10 MR. BRADSHAW: Kenneth Bradshaw. I've already had some training for Risk Assessment  
11 Guidance for Superfund from Dr. Simon and everything, and I commend  
12 him for doing a wonderful job. That leaves two problems. The training I  
13 attended covered more than a weekend and it barely scratched the surface  
14 on that. And I don't even think one night or one day will suffice to give  
15 people proper understanding of probabilistics, Monte Carlo. I know you're  
16 aware of all these things. I'm talking about from a lay person. I don't think  
17 one eight-hour day will suffice to give anybody an adequate knowledge of  
18 Risk Assessment Guidance. And I have to be very critical of the RAB  
19 since Dr. Simon was here over a year ago, that people on the RAB haven't  
20 had any Risk Assessment Guidance for Superfund because that's going to  
21 be very important because after -- in a few years -- maybe less than that,  
22 Risk Assessment Guidance for Superfund tells the government what goes  
23 on at this site.

24  
25 And a third thing is, there's still some problems with Risk Assessment  
26 Guidance for Superfund. I've just written Administrator Carol Browner,  
27 EPA, and the President of United States, and a lot of other high ranking  
28 dignitaries. And they haven't resolved Risk Assessment Guidance for  
29 Superfund in relationship to environmental racism, environmental injustice

1 and things connected with black communities being contaminated by the  
2 Department of Defense.

3 MR. PHILLIPS: On your first two points, I'd like to agree with you. It's a very complicated  
4 subject, but I would like to delay -- I'd like to ask Dr. Simon what he could  
5 do for us in a shorter period of time. One thing I would do is I will get  
6 copies of the Risk Assessment Guidance for Superfund. It's called the  
7 RAGS. I'll seek to get copies of those of that guidance and put it in our  
8 Information Repositories to help people look at that prior to coming out  
9 next year. So basically I've delayed setting a weekend or a weeknight until  
10 after I can talk to Dr. Simon. Ms. Peters, do you have another question?

11 MS. PETERS: I would just like to say I would rather for him to give me a mini-course that  
12 I can understand and remember because I don't want eight hours of  
13 nothing!

14 MR. PHILLIPS: Thank you, ma'am. Ms. Bradshaw?

15 MS. BRADSHAW: A person with no background and haven't been to a workshop, the first  
16 time I went through RAGS it was a very complicated process, very  
17 complicated. And I see people that may be lay people, may not  
18 comprehend, you know, this type of information in those three-or-four-to-  
19 six hours. And I was talking to Turpin—it's amazing the information that  
20 you have to go through. I went through about three or four different  
21 workshops through RAGS, Risk Assessment Guidance. So I have a  
22 background, a little background in it. And I'm telling you it's not a very -  
23 it's not something that you can read, or someone can come tell you about  
24 and you can jump up and know what the process is. I think it's a good idea  
25 to give the community the opportunity for Dr. Simon to come in and talk.  
26 I've been through one of his workshops. It's very good, but I think that if  
27 you could break it down to two or three hours at a time in a week. People  
28 can't make the whole day workshop - half a day here and half a day there -

1 until they get it, get some of it because I don't think that we would get it  
2 all

3 MR. PHILLIPS: I agree with you, ma'am. Turpin, are you willing to work with me on this?

4 MR. BALLARD: I'm certainly willing to work with you. I need to talk to Ted to see what  
5 his availability is and, you know, what he can do. I'm hearing two things.  
6 I'm hearing Ms. Peters saying I just want enough information so when I  
7 look at these documents I'm not blown over; but Ms. Bradshaw's got a  
8 good point too, that risk assessment is a complicated process. You can in  
9 a four-or-five-hour mini-course be introduced to the principles of risk  
10 assessment which will allow you to understand better what is going on  
11 when you read a Risk Assessment that's performed for a site with which  
12 you are familiar.

13  
14 If you want to delve further into the nuts and bolts of risk assessment, four-  
5 hour course, this is going to give you all the tools you need to do that. So  
16 hopefully by that time, by the time this comes around, you'll have a  
17 technical advisor under this TAPP (Technical Assistance for Public  
18 Participation) program to answer - if your review brings up questions that  
19 you need further answers on. The TAPP advisor or any of us could try and  
20 get an answer for us. So if the RAB feels that more than one - a training  
21 over several days, not necessarily sequential - but would be what's needed,  
22 I'll see if that would fit in with Ted's schedule. Dr. Simon is the  
23 toxicologist for the Federal Facilities Branch. He's responsible for  
24 overseeing the Risk Assessment at all of the BRAC (Base Realignment and  
25 Closure) sites and consults on a lot of the other duties, and a national  
26 expert in several other areas of risk assessment.

27  
28 So all I'm saying is, he's a busy guy and get on his schedule early which is  
29 why we're bringing this up now. I know -- I can commit that we could get

1 at least one workshop, like half a day or a six-hour workshop out of him  
2 because I've already talked to him about that and he says he would be  
3 happy to do that. It's just a matter of getting on the schedule.

4 MR. PHILLIPS: Mr. English, did you have a comment or did Turpin address your  
5 comment?

6 MR. ENGLISH: I agree with what everybody said basically. My feel for it is that we're not  
7 going to take an extensive course here for everybody to be able to do risk  
8 assessments. We're going to understand as much as possible so that you  
9 can understand the mechanics of risk assessment, and my guess is that the  
10 shorter the course initially, at least, the better it would be received. And  
11 those who feel like they want to learn more can take Risk Assessment  
12 Guidance. Get with me, get with some other people at our office or have  
13 more conversations with Turpin or Ted if they want to learn more about it,  
14 or you can get another course later on in the future. Maybe we've got a  
15 bunch of budding scientists here that really want to learn this process, and  
16 it is very involved and we're not going to learn it in just a few hours, but  
17 maybe learn the mechanics of the process.

18 MR. PHILLIPS: Let me make one comment before we leave this subject. There is training  
19 that's available that won't be part of this RAB necessarily. But what Mr.  
20 and Mrs. Bradshaw have been through, I believe, is the five-day Risk  
21 Assessment Guidance course. I know when I took it back in the early '90s  
22 it was a five-day course, and it was a very in-depth detailed course. I can  
23 do what I can to find out if there are any offerings of that in the Tennessee  
24 area. There might not be in Memphis. Environmental Protection Agency  
25 usually puts that on. I'll do what I can to find out what's already available  
26 out there. I agree with Turpin. I think we'll be hard-pressed to get that  
27 kind of level of effort on Dr. Simon's schedule here, but we'll do what we  
28 can. Thank you. I need to move on.

29

1 The next order of Old Business—project updates rather, is Ogden, Utah.  
2 This is in support of the chemical warfare materiel removal. As the project  
3 manager from Huntsville stated last month, Mr. Steve Dunn, there has  
4 continued to be a delay at the Spring Valley project which is going to affect  
5 the mobilization date of our project here. In spring of 2000, the date he  
6 gave you last month, is what we estimate now to be the date. I just wanted  
7 to let people know that I still am aware that we would like to try to fly the  
8 BRAC Cleanup Team as well as a couple of RAB members out to Ogden,  
9 Utah once the contractor moves from Spring Valley in Washington, D.C.  
10 to Ogden, Utah. But they are not in Utah yet.

11  
12 So basically I'm in a holding pattern until they can mobilize out there. As  
13 an alternative, if they are out - for whatever reason we could not go to see  
14 the site in Utah, I've asked for the Corps of Engineers in Huntsville to  
15 produce a videotape of the Spring Valley site where they'll have enclosures  
16 that are similar to what they're going to use here. A nice five-to-10 minute  
17 videotape that shows you what is going on inside of those enclosures, plus  
18 all the sampling that they do. I'll say five-to-10 minutes, I don't know how  
19 long it will be. Might be 15 or 20 minutes, but they're working on that for  
20 us. And I can't give you a date when I'll have that videotape because I just  
21 asked them for it yesterday. But one way or another, this RAB is going to  
22 get to see, before we get out in the field here, what one of these chemical  
23 warfare removals looks like.

24  
25 I've got a TAPP, which is Technical Assistance for Public Participation,  
26 update. The money for that TAPP grant has been approved and it's in the  
27 contracting officer's office now figuratively speaking. The RAB's choice  
28 for the contractor has been contacted by the contracting officer and has  
29 been asked for some additional information, some proprietary information.

1 We expect to have that contract - I expect to have that contract awarded  
2 within the next 30 to 45 days And this actually is pretty great timing for  
3 us with all the documents that - all the important technical documents that  
4 will be coming out over the next five or six months. So hopefully that  
5 contractor will be on board as a consultant for the RAB.  
6

7 Ms. Bradshaw? Is that left over? Thank you. RAB member list - We  
8 often distribute a RAB member list to members of the community. We  
9 have a copy of the current one. Check this please, tonight or take it home  
10 with you, RAB members. Thank you. Alma asked that we check this to  
11 make sure the names and addresses are still correct. Just a matter of  
12 administrative business we have to handle. If there are any changes to your  
13 address or phone numbers, you can make those changes on the sheet  
14 tonight and give it to Alma. One thing - I'm not sure why she asked me to  
5 do this - not for me but from Alma. She's asked if you could put your birth  
16 month and date but not the year on that form that's coming around. I don't  
17 know what she's planning, but she was careful to instruct me to say don't  
18 put the year. If you want to, please, go ahead  
19

20 An order that Mondell touched on earlier—we'd also like to remind you  
21 from the RAB charter that there is an issue of being a two-way forum of  
22 communication—for taking communications back to the community as  
23 well as giving us the issues from the community like Mr. Bradshaw usually  
24 does. The thing I'd like to point out is the way this worked with the  
25 mailing list. The problems - someone pointed out that he knew two  
26 members - Mr. Bond or Mr. Brayon that were not getting theirs. Kevin  
27 Clay said that he knew of people that weren't getting theirs. I found a  
28 person on our mailing list who had moved and on this mass mailing. The  
29 post office doesn't forward that mail. So this person wasn't receiving his.

1 Anyway, the way that worked with RAB members making us aware of  
2 that, that's the way it's supposed to work. There was nothing wrong with  
3 what happened last month, and it is the RAB members' responsibility that if  
4 you're aware of that make us aware of it please. You can do that at any  
5 time. You can call Alma. You don't necessarily have to do that at a RAB  
6 meeting. You can do that at - but we're always interested. Like I said  
7 earlier, Frontline will be preparing a briefing on some changes we've made  
8 to the mailing list and distribution process next month, I believe. Thank  
9 you.

10 MR. WILLIAMS: One important thing that you must understand that the RAB members are  
11 responsible for if they are not here to call and give Ms. Moore a name of  
12 someone who is sitting in your place. Like right now as we look around  
13 the table we see a lot of vacant seats and no one sitting there. No one has  
14 called and that's one reason that prompts the reading of the charter. So we  
15 must make note of that. If we're not going to be here, make sure that we  
16 can have someone either to come represent us or to call Ms. Moore to let  
17 her know so that we will not have unexcused absences. As the charter  
18 states, "Three unexcused absences is ground for dismissal."

19 MR. PHILLIPS: There's only two items I have left on my project update. One of them is the  
20 web page and we covered that earlier. The last thing I have on my update -  
21 - oh yes. Alma's pointing something out to me that I missed. Let me just  
22 read this paragraph right out to you. "Also, we'd like to remind the public  
23 of the dedication and their interest in the restoration of this facility, and  
24 we'd like to publish your name and phone numbers in various publications  
25 and at other meetings." May I have a show of hands of the RAB members  
26 that do not mind us publishing your name and phone number? Let us count  
27 the hands. I'm sure we'd not have any objections but -- okay, that's enough  
28 for me. I've got to do this. I'll read around the table and list your name  
29 and Alma will get that. Do you mind? Okay. I appreciate that. This has

1 become a very impressive RAB to the country, to the other DOD facilities.  
2 We want to try to get some larger recognition for the good work we're  
3 doing here That is all the New Business that I have.  
4

5 **BCT UPDATE**  
6

7 **MR. PHILLIPS:** Let me move real quickly under BCT Update. Like I said earlier, Ms. Gray  
8 would not be here tonight, so can we have a BCT update from Mr.  
9 English, and then a few words from Mr. Tyler.

10 **MR. ENGLISH:** We reviewed the June meeting minutes and we also went through the June  
11 action item review. My feeling on the action items is that we're attacking  
12 those fairly well, and keeping those results within normal time frames. I  
13 don't see that we're lagging behind on that. We have brief project updates,  
14 and the first item was investigation and basically the function of Units 3 and  
15 7. Comments are being received. We expect that those comments will all  
16 be in by the end of next week, and then the contractor will begin resolving  
17 those comments and responding to these comments.  
18

19 Frontline Communications, the community relations firm here, is involved  
20 with fine-tuning their community relations efforts. As part of that, they're  
21 conducting focus groups and many of you know what this is. It's been  
22 going on for quite some time and that process is still going on. Several of  
23 the outcomes of that so far is - the concern is that apparently the cleanup is  
24 too slow. Awareness has gone up but trust has gone down, and there's  
25 some thoughts that as more is learned about it, then more is learned that  
26 there are some problems. And for some reason trust has gone down as a  
27 result of that. There has been some concern about housekeeping issues  
28 such as weeds and grass and things like that as well. I think that focus



1 group is going to be a continuing process, and I think it's a good process to  
2 keep in touch with the community's concerns.  
3

4 Next item was CWM removal activities. The EE/CA (Engineering  
5 Evaluation and Cost Analysis) is now out for public review. Some of you  
6 are probably already aware of that, but it is out for review now. We then  
7 discussed the Belz well, which is the monitoring well that we're trying to  
8 install over in the -- near the old AutoZone property to the west of Dunn  
9 Field. They put a boring in there that encountered several feet of clay --  
10 how many feet of clay was that?

11 MR. PHILLIPS: Thirty.

12 MR. ENGLISH: And had a depth of 70 feet and - that's not optimum conditions for a  
13 monitoring well. We were hoping to find a place where the clay might be  
14 absent. So they're going to look into relocating another boring for  
15 purposes of installing a well and give us more information. There was no  
16 significant water on top of the clay at that location, so it didn't seem to be  
17 much purpose in putting a well in there. We talked about groundwater  
18 modeling in the initial recovery well. We had some discussions about that  
19 going. We're going to be looking at the configuration for the additional  
20 recovery well we plan to install. We discussed the nature of those wells.  
21 The contaminants are not extensively high so that we believe we need to  
22 put in total stainless steel wells. We're going to put PVC (Polyvinyl  
23 chloride) wells with stainless steel screens.

24 MR. PHILLIPS: Mr. English, could I ask for a five minute break? Our transcriptionist  
25 needs a break. Keep your mark on your BCT update and get back to it.  
26

27 (Short break.)  
28

1 MR. PHILLIPS: Mr. English, hold on just one more moment. While the RAB members are  
2 making it back to the table, let me announce that the binder I'm holding  
3 here - it has been finalized. It is our Community Relations Plan, the  
4 document which is updated from year to year because it's a living  
5 document. People move on to other jobs and things. And there are points  
6 of contact in here. So this will always have to be updated and this is a  
7 requirement of CERCLA. We've had a Community Relations Plan. This is  
8 our most recent update and we're very proud of this document. I would  
9 like for you to visit our repository and take a look at it. Mr. English?

10 MR. ENGLISH: Next item, we heard from a potential reuse customer's plan, a guy by the  
11 name Allison Langley, he came from Barnhart Crane and Rigging. They  
12 anticipate using a fairly large portion or they hope to use a fairly large  
13 portion of the western side of the Depot facility there for their crane  
14 activities. Quite a bit of the area that's from the paint shop sand blast area,  
15 and also some of the area to the north of that. So that's just a proposal.  
16 We don't know anything more about it. But it's kind of interesting that  
17 people are interested in even some of those parcels to continue on with  
18 industrial activities. I think indications were that he anticipated maybe 100  
19 to 150 additional jobs coming into the area because of that. So that's a  
20 plus.

21  
22 We had a discussion of the Main Installation with regard to USGS (United  
23 States Geological Survey) and others concerns regarding natural  
24 attenuation. Basically the information so far indicates that natural  
25 attenuation is not occurring at a significant rate under the Main Installation  
26 anyway. And so we're looking at other avenues in terms of alternatives for  
27 those areas.  
28

1 Also, we looked at the schedule and we're trying to address scheduling  
 2 problems, scheduling difficulties as well in terms of manpower and people  
 3 with ability to review the documents. We had a brief discussion about land  
 4 use control. Land use control is a process whereby when a property is  
 5 deemed say, industrial or that there has to be some sort of institution  
 6 controls such as fencing or other covenants that those controls are in place  
 7 and enforceable over the long term, and also there's a funding mechanism  
 8 to ensure that. So we had some discussions about that and there's going to  
 9 be activity to put together a team to further that process so that there's an  
 10 actual plan in place to ensure that those controls are in place and met at the  
 11 proper time when the property is ready to be transferred.

12  
 13 And we had some discussion about potential future guests at the Depot.  
 14 The National Congress of Black Churches is one potential participant. And  
 15 we also discussed generally in any way for the potential for an Availability  
 16 Session in the future. Also as Shawn already mentioned, the potential  
 17 plans for risk assessment training. Sorry I was so lengthy, but that's my  
 18 update.

19 MR. PHILLIPS: Thank you, Jordan. Mr. Tyler, would you like to give us your views up to  
 20 date?

21 MR. TYLER: I'll try to be brief. Mr. English, I think you did an excellent job. Ditto on  
 22 everything that he said, but I do want to recommend to them on a June  
 23 action item review. You did a good job and I'm understanding the process  
 24 much better. But the number one issue I was concerned about was the  
 25 Availability Session for the chemical warfare removal. That's a little  
 26 session we had on Saturday where you meet everybody who's going to be  
 27 involved in chemical removal - meet the emergency response people and all  
 28 the people that's going to be there to tell the neighborhood if a catastrophe

1 occurred. These will be the people you need to know, get in contact with,  
2 and be involved with

3  
4 And also, there's another sheet they gave me that I will give you the 1-800  
5 number if you're interested. It's the Tennessee Emergency Management  
6 Agency. That will be the agency that will be in charge in case there's a  
7 catastrophe at Dunn Field. This is what I was told. Those of you who  
8 want to call and check and verify, the 1-800 number is 1-800-262-3300. I  
9 was told this will be the agency in charge or at least the contact in charge.  
10 I have a couple of questions. Is there an e-mail address for this agency and  
11 naturally, is there an Internet or web site that I can access to see who is  
12 going to be the person in charge in Shelby County or the person in Shelby  
13 County?

14 MR. PHILLIPS: Ms Alma Black Moore?

5 MS. MOORE: I have a card from the lady who came last month. If you call me, I'll give  
16 you that information And I'll put that information in our mailing that you  
17 get week after next.

18 MR. TYLER: Couple more items. Again, I would like to thank Frontline and Alma and  
19 her staff for the reading room, community room that is really nice. I made  
20 a promise that I'm going to make a special effort to go down and use the  
21 computer and check out the material. And last but not least I think there  
22 was something said about the National Congress of Black Churches or  
23 something that's supposed to have a session with the BCT? Did I get that  
24 right?

25 MR. PHILLIPS: Let me respond to that or clarify that. The National Congress of Black  
26 Churches has requested a presentation from the BRAC Cleanup Team  
27 about what's going on here - what's our process, what have we found, what  
28 we plan to do, just an overview of the whole remediation project here. So  
29 we don't have a date or anything set up for that definitely yet. But they

1 have contacted us through Alma Moore. So we'll be looking into that over  
2 the next month or month and a half or so

3  
4 I would like to clarify one thing Mr. Tyler said. The Tennessee Emergency  
5 Management Agency (EMA) is a point of contact. They'll be involved with  
6 this removal here. But as was stated last month during the presentations,  
7 the actual on-site commander, if any accident should occur, will be the U.S.  
8 Army Technical Escort Unit initially right on the site. They'll get the word  
9 out to the Emergency Management Agency. They'll get the word out to  
10 the local -- all these processes. The processes will be documented in a Site  
11 Safety Submission which is not finalized yet. I don't have a date when that  
12 will be finalized, but will have to be out and available for the public prior to  
13 us beginning any work. That was one of the topics of discussion that we  
14 had last month.

15  
16 **RAB COMMENT PERIOD**

17  
18 **MR. PHILLIPS:** Before we start the RAB comments -- well, this is the RAB Comment  
19 Period now. Ms. Bradshaw?

20 **MS BRADSHAW.** Even in hearing the emergency response plan before the agency and the  
21 people that's working there, what type of emergency response plan --  
22 maybe I'm calling it the wrong thing -- for the community to -- what kind  
23 of emergency response plan have you set forth for the community? For  
24 people to leave and know that if something is going wrong, that a whistle  
25 or something goes off to warn people that something is going on that is out  
26 of the ordinary. That's what I asked for. I see you got all these things  
27 lining up for the workers and the people that are there. I'm talking about  
28 the community. And I haven't heard nothing that you have said that would  
29 alert the community.

1 MR. PHILLIPS: Ms. Bradshaw, part of the documents that U.S. Army Corps of Engineers  
 2 is developing with help from many other agencies - Project Manager for  
 3 Non-Stockpile Chemical Warfare Materiel; the U. S. Army Technical  
 4 Escort Unit, the Department of Health and Human Services. An entire  
 5 section of that document is devoted to the public notification, the public  
 6 contingency plans, and we don't have that yet. But that's being developed.  
 7 When it's final and goes out into the repositories, it will be there for you.

8 MS. BRADSHAW: Shawn, that doesn't need to go in the repository. The action for the  
 9 community, it needs to go to the people in the community. It need to go to  
 10 the church. People don't even like to come over here now, and they are  
 11 not exercising the repositories now. So you got to think bigger than a  
 12 repository because that's not helping the people out here. It should be  
 13 something -- some type of mechanism that's set up to get these flyers in  
 14 hand whether it's a massive mailout or whatever because this is crucial. If  
 15 something should -- the worse scenario should happen ---

16 MR. PHILLIPS: Ms. Bradshaw, if I may, you're absolutely right. There are lots of  
 17 community relations activities that are performed before we ever go out on  
 18 the site. I don't know each and every one. Ms. Alma Black Moore has  
 19 worked with these agencies on developing those. If you'd like, Alma, just a  
 20 couple minutes to describe them.

21 MS. MOORE: Part of -- the site safety plans lined up ---

22 MR. PHILLIPS: Microphone.

23 MS. MOORE: You're right, Ms. Bradshaw. When the Site Safety Plan is complete, I'll  
 24 work on several community Availability Sessions at churches and at  
 25 schools. So there'll be numerous Availability Sessions once that document  
 26 is complete, as well as the flyers. The newsletter goes out to over 4,687  
 27 homes and businesses. That was the count for the last one. Plus additional  
 28 flyers are mailed out to churches and schools. All that's in the plan. Once

1                   that document is drawn up that lists all the agencies, has all the numbers -  
2                   then we'll proceed with our community outreach. All is lined up.

3    **MS. BRADSHAW:**   What is your target date? Because I heard that ---

4    **MS. MOORE:**       It's still being developed and reviewed now. So it should be out in the fall.  
5                   It will be the early part of next year before any work is done.

6    **MS. BRADSHAW:**   How far in advance?

7    **MS. MOORE:**       The work won't start until the spring of 2000, so we'll start as soon as that  
8                   document is ready. I think the target date is August or September?

9    **MR. BALLARD:**     I don't know.

10   **MR. PHILLIPS:**    Off the top of my head, I don't know what that schedule is either. I know  
11                   once they finish developing it, then it goes up to the Army -- Department  
12                   of Army for a safety review. And it goes through a reviewing process  
13                   there. The last step of that is outside of the Department of Defense with  
14                   the Department of Health and Human Services. The gentleman that was  
15                   here last month, Dr. Paul Joe with the National Center for Environmental  
16                   Health. This Site Safety Submission has to go through that rigorous  
17                   process before it can be finalized. Once it's finalized, we'll have to make it  
18                   publicly available with all the other community relations activities to get  
19                   those detailed plans out. Chances are we'll probably come to your  
20                   organization to help us with some of those flyers and things, Ms. Bradshaw  
21                   when that time comes. Mr. Tyler?

22   **MR. TYLER:**       Are we in Public Comment Period yet?

23   **MR. PHILLIPS:**    It's appropriate for you to comment now.

24   **MR. TYLER:**       I just wanted to get this thank you in to Agency for Toxic Substance and  
25                   Disease Registry (ATSDR) for the seminar we had Thursday night from six  
26                   to nine o'clock. I want to make sure to thank Dr. Crellin, Ms. Williamson,  
27                   Dr. Warren, Dr. Crawford, and all the other staff members that came out  
28                   and gave us some valuable information. They gave an explanation about  
29                   health and subgroups that may help some former workers and former

1 community people to get information or get access to health care. The  
2 process has started

3  
4 According to Dr. Warren, it's going to be a long process, a marathon. He's  
5 asking everybody to bear with him and work with him. He says he's going  
6 to see this thing through. So any former workers or residents, if you have  
7 any problems, Dr. Warren and Dr. Crawford has assured us, at least me  
8 and those who were there, that they are in this for the long haul. So we're  
9 working to try to get this thing together. Ms. Bradshaw was outstanding.  
10 She's a good point of contact person. If we have any problems or  
11 information, she's a good person. And what little I can give you, I'll be  
12 happy to give it to you. Thanks ATSDR for coming out. Thank you.

13  
14 **PUBLIC COMMENT PERIOD**

15  
16 **MR. PHILLIPS:** We need to begin the Public Comment Period for this RAB. We're  
17 probably going to be a half hour over here. I'd like to ask members of the  
18 public, if you'd like to make comments, the acoustics in this room are  
19 horrible. If you can come up to a mike we would really appreciate it.  
20 Please remember to state your name.

21 **MS. MILLS:** My name is Betty Mills. My question is for Shawn. Shawn, with all the  
22 clean up of the base, did they do any cleaning up of the water wells  
23 themselves, the pipes that run the water into the warehouses? Can you  
24 answer that for me?

25 **MR. PHILLIPS:** I'll do what I can to answer that. Typical water systems are routinely  
26 flushed. I don't know the frequency of that, the flushing out of rust  
27 deposits or whatever. We have a facilities engineer. I will get that  
28 question back to him and get an answer to that. Are there any other public  
29 comments? Yes, ma'am?



- 1 DR. WARRICK: I'm Dr. Cynthia Warrick from Howard University in Washington, D.C. I'd  
2 like to find out how I can get a copy of the chemical warfare materials  
3 removal work plans so I might be able to get some of my colleagues to  
4 comment.
- 5 MR. PHILLIPS: Thank you, ma'am. I'll look at that.
- 6 DR. WARRICK: I'm only going to be here a few more days and since your comment period  
7 is going to be over in a couple of weeks, I need to know how I can get my  
8 hands on it at least by next week?
- 9 MR. PHILLIPS: Please see me after the meeting. I have a question for you as well.  
10 Howard University - we had a gentleman from Howard University who  
11 came to the RAB - John Rosenthal. We have a computer here that's part of  
12 your Urban Outreach Program. It's in our reading room. Mr. Tyler, it's  
13 the computer you were looking at when you were on-line today in that  
14 reading room. That's the computer that came from Howard University.  
15 My question is kind of a mechanics question for you. We're putting a lot of  
16 our documentation on CD-ROM. That particular computer doesn't have  
17 CD-ROM. I would like to talk to you or someone from your organization  
18 who can ---
- 19 DR. WARRICK: I can talk to John and he can see about getting a CD-ROM.
- 20 MR. PHILLIPS: We'll be willing to supply the CD-ROM. It's not our machine.
- 21 DR. WARRICK: No, it is your machine.
- 22 MR. PHILLIPS: As far as I'm concerned, when I heard him here, the discussion was this is a  
23 community machine.
- 24 DR. WARRICK: Right. It's the community's machine.
- 25 MR. PHILLIPS: I get into it and I have this additional piece of hardware and issues like that.
- 26 DR. WARRICK: You have a community here. I guess they vote.
- 27 MR. PHILLIPS: Mr. Tyler?

1 MR. TYLER: You have my permission to upgrade I wish you'd get an Apple Power  
 2 Mac so I can double click on the icons I'm not that familiar with Gateway,  
 3 but I'm going to learn.

4 MR. PHILLIPS: Thank you. If anybody has any offense to us adding hardware onto that  
 5 machine that would make it more easier - easier to access our information?  
 6 If anybody has an opposition to that, please voice it now? I'll take that as a  
 7 yes. Thank you. Mr. Tyler?

8 MR. TYLER: Could I make a motion that you upgrade your computer in the reading  
 9 room?

10 MR. PHILLIPS: Upgrading that computer is an effort that the majority of us would like to  
 11 make. It's not really a Restoration Advisory Board issue so we can't really  
 12 vote on that issue. That involves having to - the RAB - it's technical  
 13 details But we will make that happen.

14 MR. TYLER: I'll withdraw it

15 MR. PHILLIPS: Are there any other comments from the public? Let the record show Mr  
 16 Truitt made a move of adjournment of the meeting. Is there a second? A  
 17 second from several All in favor? Opposed? See you next month The  
 18 next month's meeting will be on August 19th.

19

20 (Whereupon, the meeting was  
 21 adjourned at 7:45 p m.)

## Attendance List

### Restoration Advisory Board Members

Mr. Shawn Phillips	Facility Co-Chair
Mr. Mondell Williams	Community Co-Chair
Mr. Dave Bond	Citizen Representative
Mr. John Garrison	Citizen Representative
Mr. Carter Gray	Memphis/Shelby County Health Department
Mr. Jordan English	Tennessee Department of Environment and Conservation (TDEC)
Ms. Johnnie Mae Peters	Citizen Representative
Mr. Eugene Brayon	Citizen Representative
Ms. Doris Bradshaw	Environmental Representative
Mr. Stanley Tyler	Citizen Representative
Ms. Janet Hooks	Memphis City Council
Mr. Turpin Ballard	Environmental Protection Agency (EPA)
Mr. James Webb	Memphis Light, Gas and Water

### Others in Attendance

Mr. Neil Anderson	U.S. Army Corps of Engineers South Atlantic Division-Mobile
Mr. Kurt Braun	U.S. Army Corps of Engineers South Atlantic Division-Mobile
Mr. John Johnston	Environmental Protection Agency (EPA)
Ms. Alma Black Moore	Frontline Communications
Mr. Terry Flynn	Frontline Communications
Ms. Andrea Morrow Johnson	Frontline Communications
Mr. Michael Dobbs	Defense Distribution Center (DDC)
Mr. Rick Bowlus	U.S. Army Center for Health Promotion and Preventive Medicine
Mr. George Casellas	Department of Defense (DoD)
Mr. Bob Mashburn	Department of Defense (DoD)

**Others in Attendance (cont'd)**

Ms. Dorothy Richards	U S Army Corps Engineering and Support Center-Huntsville
Mr Scott Bradley	U.S. Army Corps Engineering and Support Center-Huntsville
Ms. Nicole Lacey	Memphis Light, Gas and Water
Ms. Alma H. Black	Citizen
Mr. Charles Porter	Porter Risk Services, Inc.
Ms. Susan Santos	Focus Group
Dr Cynthia Warrick	Howard University
Mr. Neal Paul	U S. Marine Corps - Camp Lejeune
Mr. Russell Ray Anderson	Citizen
Mr. Benjamin Moore	Agency for Toxic Substances and Disease Registry (ATSDR)
Ms. Margaret Curry	Citizen
Mr. Jesse Wilburn	Environmental Realty, Inc.
Mr. Kenneth Bradshaw	Citizen
Mr Brian Deeken	Tennessee Department of Environment and Conservation (TDEC)
Ms. Betty Mills	Citizen
Ms. Emma Smith	Citizen

**FINAL PAGE**

**ADMINISTRATIVE RECORD**

**FINAL PAGE**