

1           A public hearing of the Jefferson Proving Ground  
2 Restoration Advisory Board meeting was held at Madison-  
3 Jefferson County Public Library, 420 West Main Street,  
4 Madison, IN at 7:00 P.M. on August 3, 2005.

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6           **OPENING STATEMENTS BY MR. PAUL CLOUD:**

7           I think we're about ready if we would like to  
8 get started. Most of you know who I am but I do see a  
9 couple of new faces. My name is Paul Cloud. I work for the  
10 United States Army. I'm the Environmental Coordinator for  
11 the Proving Ground who represents the Army with the  
12 regulators to get the areas with environmental contamination  
13 cleaned up. And I'm also the Army's co-chair of the  
14 Restoration Advisory Board. I'd like to welcome everyone  
15 here tonight. Ah if you haven't signed in on our attendance  
16 sheet please do if you would like to get on to our mailing  
17 list. We also have a copy of the slides on the table in the  
18 back that you will be seeing tonight. During the ah meeting  
19 if you have any questions we do have a formal  
20 comment/question period but if you want to ask your question  
21 at the time feel right at home and raise your hand or speak  
22 up and we can - we can address it there. That's about all I  
23 have opening remarks. Richard Hill is the community co-  
24 chair. Richard?

1                   **MR. RICHARD HILL:**

2                   Thank you Paul. I don't really have anything  
3                   to add except again to welcome everybody here tonight. Glad  
4                   to see you and that's it.

5  
6                   **MR. PAUL CLOUD:**

7                   Okay. This is our agenda. Again like I say  
8                   you have a copy of the slides on the back table. First  
9                   thing we'll talk about are a couple of transfers. The  
10                  Northeastern Parcel we have talked about several times.  
11                  It's approximately four hundred sixty-five (465) acres, has  
12                  thirty-nine (39) buildings, and was proposed for  
13                  unrestricted use. The ah Finding of Suitability to  
14                  Transfer, the FOST, was signed in August of 2003. April of  
15                  2004 it was - the Deed was sent to Mr. Ford. Mr. Ford  
16                  raised some questions regarding some issues on restrictions  
17                  and covenants. It took quite a while to get those resolved.  
18                  They have been resolved. The Deed has been re-sent to Mr.  
19                  Ford July 14<sup>th</sup> of this year. I had a conversation with the  
20                  Louisville Corps of Engineers real estate office just this  
21                  afternoon and they have been in contact with Mr. Ford. They  
22                  expect to have the signed Deed back by the end of this week.  
23                  If that should occur then we currently estimate that the  
24                  actual transfer, which will require the Army Secretariat to  
25                  sign the Deed, the Deed to come back to Louisville Corps of

1 Engineers, a meeting arranged and then we'll have a paper  
2 swap will happen by the end of September of this year. And  
3 then Mr. Ford will own that parcel. And just for your  
4 information that's the parcel that we're talking about right  
5 there (indicating), the Northeastern corner of the  
6 Cantonment Area.

7  
8 **MR. KEN KNOUF:**

9 They have goats there now.

10  
11 **MR. PAUL CLOUD:**

12 Are there any questions regarding the Northern  
13 Parcel?

14  
15 **MR. RICHARD HILL:**

16 Goats? Did I hear something about goats?

17  
18 **MR. KEN KNOUF:**

19 It's a very creative re-use of the igloo area.

20  
21 **MR. PAUL CLOUD:**

22 Great lawnmowers.

23  
24 **MR. RICHARD HILL:**

25 Yes. Okay.

1                   **MR. PAUL CLOUD:**

2                   The remaining areas of the Cantonment Area  
3                   total about thirteen hundred (1300) acres. There are two  
4                   (2) major parcels: the Southeastern Parcel is about seven  
5                   hundred fifty (750) acres and the Northwestern portion of  
6                   the Central Cantonment Area is about three hundred (300)  
7                   acres and then there are a bunch of small postage stamps is  
8                   how I refer to them. They are basically the areas where we  
9                   have the environmental contamination, the soil contamination  
10                  that we have dug up and they constitute about two hundred  
11                  and fifty (250) acres. Right now we're looking at - this is  
12                  the process and this slide is actually out of date. I'm  
13                  going to have to revise that and that's my fault. The  
14                  bottom line there is - shows the end of 2005 when we expect  
15                  the FOST out. Right now we're looking probably the spring  
16                  of 2007 and I'll explain that a little bit later. But there  
17                  has been a little delay in that. But it would be the  
18                  standard process where the FOST would come out for the  
19                  public to comment on and they'll have a minimum of thirty  
20                  (30) days and the Army will usually comment and respond to  
21                  all them, make adjustments as necessary and then put the  
22                  FOST back out for public and regulator review and  
23                  concurrence. If we receive that we will attach that to the  
24                  FOST. If not we will attach their outstanding issues with  
25                  the Army responses and it will be staffed up to the

1 Pentagon. If the Pentagon agrees then the FOST will be  
2 signed and we would proceed for that - and that will be the  
3 final transfer. And all the acreages that Mr. Ford has  
4 under the Lease in Furtherance of Conveyance would then be  
5 transferred and we would be done south of the firing line.  
6 Right now we're projecting September of 2007 as that date.  
7 That's an estimate. Could be little sooner and it could be  
8 later. We don't know yet. Any questions regarding the last  
9 transfer? (Indicating) Here is a picture of the  
10 Southeastern Parcel. This is the Northwestern portion of  
11 the Central Cantonment Area. And then here is an  
12 identification of a number of those postage stamps that I  
13 was talking about and you will see there are a number of  
14 those areas where we did the actual ah remediation of the -  
15 of the clean up of the soil that was contaminated based on  
16 Army activities when the Proving Ground was active. Okay.  
17 As we have discussed previously here of sites that we did  
18 the work on on the Remedial Action, the backfilling, the  
19 grading and the revegetation of those areas has in fact been  
20 done. I have some pictures to show you now of that.  
21 They're new pictures and right now we're in the process of  
22 completing the Construction Complete Report for that soil  
23 removal activity and we expect it to be out probably within  
24 the next month or so. And again here's the number of tons  
25 of soil and it adds up actually excavating and removing some

1 of the sites and then backfilling them with clean soil at  
2 those sites. So you can see we took out - if you multiple  
3 the five thousand eight hundred and two (5,802) by two  
4 thousand that's ah - that's not quite twelve million  
5 (12,000,000) pounds of dirt.

6  
7 **MS. MARY CLASHMAN:**

8 Where did you take that?  
9

10 **MR. PAUL CLOUD:**

11 There's a landfill in Kentucky. It was a  
12 solid waste landfill. It's licensed and was approved to  
13 accept it. It wasn't hazardous waste. It was just solid  
14 waste but it was taken there and disposed of and we have got  
15 documentation to certify that. Any other questions? Okay.  
16 Here's basically the information we have on the Construction  
17 Completion Report and ah we're in the process of reviewing  
18 it internally right now and we hope to have it out by the  
19 end of this month to the State. When we give it to the  
20 State it will also come to the RAB members. Now this is  
21 Site 21-A/30 and it's prior to excavation. You see here  
22 they're actually starting to dig the dirt. This was after  
23 the excavation had been done before they got their sample  
24 analysis back to verify that we had in fact removed the  
25 contamination. Now they've backfilled it and now this is

1 what it looks like now. And it's been revegetated and the  
2 grass is starting to grow back. Here's the Landfill Trench,  
3 Sites 3/4 prior to excavation, this is during the  
4 excavation, and this is the hole we had after they got done  
5 digging out all the dirt there. This is probably the  
6 largest area that we dug soil up. And this is a New Burn  
7 Site at basically the same location, a little over to the  
8 west and during excavation, after excavation, after  
9 backfill, and now you see what it looks like after they've  
10 re-seeded it. This is Site 14. This is the Yellow Sulphur  
11 Area before excavation, during excavation, after excavation  
12 and they backfilled it and now this is what it looks like  
13 now. It had some snow fence around the Site 3/4 area. That  
14 was basically to keep people out. Now that we have moved  
15 the soil contamination that snow fence is obviously no  
16 longer needed so we have removed that. Also we've removed  
17 the snow fence posts and there were a lot of posts. We put  
18 up some signs. This sign will - actually at the Gate 19  
19 Landfill we're going to modify that and put one (1) of these  
20 Fish and Wildlife closed area signs there and that will  
21 allow the Fish and Wildlife Service since it's their  
22 jurisdiction to ensure that people do not access that area.  
23 It's basically to keep people off the Landfill path. This  
24 is Building 617. Around the corner is - the Army had a  
25 Solvent Pit. That pit has been removed. There is some

1 ground water contamination there. We are in fact monitoring  
2 that and that was part of the Record of Decision that's  
3 based on the difficulty in pumping the ground water and  
4 treating it and then re-injecting it into the ground. It's  
5 actually better and cheaper although it takes a little  
6 longer just to let nature break down the components. As  
7 long as you monitor you can document that nature is in fact  
8 breaking down the components and then finally they will get  
9 back to background level. It might take ten (10) or fifteen  
10 (15) years but those ground water monitoring wells will stay  
11 in effect and be sampled in accordance with our plan until  
12 such time as we meet those criteria. This is just an  
13 indication to show you how they seeded and fertilized some  
14 of the areas for the restoration. They mulched it, and when  
15 they were getting ready to put some of the fence posts in,  
16 particularly at Gate 19 Landfill, because that's north of  
17 the firing line, and anywhere north of the firing line has a  
18 potential for UXO, they had to do a sweep to make sure that  
19 there wasn't any ah UXO where they were going to dig. They  
20 put the fence posts in and here they were actually ah  
21 setting up to install some of these new monitoring wells for  
22 where the ground water contamination and ah as it says  
23 (reading) we will be monitoring those until such time as  
24 those contaminated products are broken down to an acceptable  
25 level with the State. And then we will have a formal

1 agreement with them that we no longer have to monitor it.  
2 Here is some of the former monitoring wells that have been  
3 re-furbished, i.e., what that means is that they're no  
4 longer required and they won't be utilized in this  
5 monitoring program. We actually installed over a dozen  
6 additional wells that will be used at all the sites where  
7 the ground water contamination is. Actually it's - these  
8 wells are beyond there but they're called Cetna wells to see  
9 if the contamination is moving. And it's never moved off  
10 site. In fact it's only moved about a hundred (100) yards  
11 from where those ah Solvent Pits were and that was - that  
12 activity was twenty (20) to thirty (30) years ago. But we  
13 have to have these wells there to make sure that one (1)  
14 it's not moving any further and two (2) the wells are also  
15 close enough that we can verify that the contamination is  
16 decreasing as we expected and we can continue to document  
17 that. Here is the schedule for our - our ground water  
18 monitoring. As you can see it's quarterly. Ah we have done  
19 three (3) quarters this year. The next quarter is in  
20 October. And those are the sites 12A, B, and C are the  
21 Solvent sites and then 3 and 4 are the land and abandoned  
22 Landfill. Fourteen (14) is the Yellow Sulphur Area and  
23 7/21B are up by the railroad tracks close to the firing  
24 line. Are there any questions regarding the soil mediation  
25 clean up or the ground water monitoring program, the ground

1 water wells we've put in? Okay. The next area is actually  
2 our last environmental and our only remaining contaminated  
3 area south of the firing line. It's the Open Burn Area. I  
4 have a slide after this one (1) that will show you where  
5 it's located. Back in October of 2003 the Army proposed the  
6 EPA plan for the closure of this area. We did not receive  
7 anything back from the EPA until December of last year. Ah  
8 we had some people from their hazardous waste section come  
9 out this summer and we have agreed that we will provide them  
10 this month with an interim response and then by December of  
11 this year a final response to their comments. And then we  
12 hope that based on agreement that is reached that in the  
13 spring of next year we will go out and remove the soil that  
14 needs to be removed there. That will complete the  
15 environmental restoration of the area south of the firing  
16 line. The next slide shows you where it's located. It's in  
17 the Southern portion of the Cantonment Area not too far from  
18 what is it Gate 22, Ken?

19  
20 **MR. KEN KNOUF:**

21 Say it again Paul?

22  
23 **MR. PAUL CLOUD:**

24 Is this just north of Gate 22?

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**MR. KEN KNOUF:**

Yes it is.

**MR. PAUL CLOUD:**

And for those that are not familiar with what an Open Burn Area is the Army has used this area to burn excess propellants that they didn't need any longer. Originally when they started this particular operation they used to burn propellant on the ground. The rules and regulations changed and they ended up having several burn pans, thick fuel boxes that they would put this propellant in and then they would ah ignite it and basically it looks like a big flare. And they burned that for several years. Now there is some ground contamination there and we believe there is also some ground water contamination and that ground water contamination will have to be monitored and when this parcel is transferred with the last transfer there will be a prohibition against using the ground water on the Proving Ground in this area for drinking water purposes. We've had that at a number of different sites so it's not that unusual. Are there any questions on the Open Burn Area? Comments and questions? This is unusual. It's been very quiet.

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**MR. BOB HUDSON:**

It's too hot and I went to sleep again.

**MR. PAUL CLOUD:**

Nice and comfortable in here.

**MR. BOB HUDSON:**

Is this your last slide?

**MR. PAUL CLOUD:**

No.

**MR. BOB HUDSON:**

Back up one (1).

**MR. RICHARD HILL:**

Good question.

**MR. PAUL CLOUD:**

Do you have questions?

**MR. BOB HUDSON:**

I don't know whether to form this as a question or statement or both. It appears to me after the run we've made on this issue of JPG and the environmental

1 clean up we've made a lot of progress and near the end of  
2 that program. Ah kind of in - having been there at day one,  
3 (1) knowing the purpose of the RAB, it appears to me that we  
4 ought to consider ah when the community will say we're  
5 satisfied, we're through, we're ready to ah quit having  
6 RABs. I think Richard - Richard ought to query the RAB  
7 members to see what they feel about that - about the end of  
8 the road and get an input from them in some kind of little  
9 query so he could feed it to you and then see what the Army  
10 can do with that comments in terms of picking up a time to  
11 end the RAB considering that the RAB can't address the reuse  
12 stuff. So on the South of that firing line we're close to  
13 the end of the road it seems to me. So that's my  
14 suggestion.

15  
16 **MR. PAUL CLOUD:**

17 That's the basic process that is invoked for  
18 RABs when it appears that there is a reasonable opportunity  
19 or justification for termination that the community members  
20 of the RAB need to be polled by the community co-chair and  
21 then based on that decision, whether to continue RAB or to  
22 reduce the number of meetings as a recommendation or to  
23 terminate the RAB they can then contact me as the Army  
24 representative and we would staff that process and that  
25 would be a decision the Army would acknowledge and

1 recognize.

2

3 **MR. BOB HUDSON:**

4 It's not that we don't like to have you come  
5 out Paul. You can come and visit when you want to since  
6 this was kind of your jumping off place at the end of the  
7 world or something. So I - you know it just seems to me  
8 that we have come a long way and don't have much going on.

9

10 **MR. PAUL CLOUD:**

11 Well if Richard wants to take that on he is  
12 more or less agreeing to at least poll the RAB members to  
13 see what they stand and feel, that's purely up to him and  
14 whatever other feedback he gets from the RAB members or the  
15 other community, people that are interested whether they're  
16 RAB members or not.

17

18 **MR. BOB HUDSON:**

19 Right. Right. That's my comment.

20

21 **MR. RICHARD HILL:**

22 I have a comment on his comment. I do want to  
23 say that we have discussed this off and on at the past few  
24 RAB meetings realizing that it is very much winding down.  
25 Ah and I have discussed it with a couple of the community

1 members. And generally ah it is - I - I think our - our  
2 feelings for the most part anyway that especially once  
3 everything gets transferred that the only thing we would  
4 really have ah any interest in at all is you know results of  
5 the ground water monitoring and that sort of thing. And  
6 that definitely wouldn't take meetings on a real regular  
7 basis you know to keep up with that sort of thing. So  
8 that's - that's kind of the way we - we have been leaning  
9 towards ah winding this thing down. And so I will  
10 definitely take your comments into consideration and get  
11 back with everybody.

12  
13 **MR. BOB HUDSON:**

14 You'd have to form them sort of and query  
15 them.

16  
17 **MR. PAUL CLOUD:**

18 Basically with a letter asking them if they  
19 wanted to continue with the same frequency or reduce the  
20 frequency or terminate.

21  
22 **MR. BOB HUDSON:**

23 Right.

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**MR. PAUL CLOUD:**

And then tally it up and see what happens.

**MR. BOB HUDSON:**

And see what happens. And Sharon I'm not trying to knock you out of this gravy train that you've done all this time.

**MR. KEN KNOUF:**

That's okay Bob. We can't pay her anyway now. We have no card.

**MR. BOB HUDSON:**

You've been getting the gravy.

**MR. PAUL CLOUD:**

Any other comments or questions?

**MR. RICHARD HILL:**

I think it might be good looking at usually end of the year. We're getting near the end of the year. We've got another RAB meeting this - this year and then we would be setting the schedule for next year. So it would be good to poll the people and see.

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**MR. BOB HUDSON:**

Time wise.

**MR. RICHARD HILL:**

Yeah.

**MR. BOB HUDSON:**

And you may not have a recorder if you don't have any money to pay her. So we won't have any more RAB meetings anyway.

**MR. RICHARD HILL:**

Well we won't be able to say anything anyway.

**MR. BOB HUDSON:**

That's right.

**MR. PAUL CLOUD:**

Any other comments or questions?

**MR. KEN KNOUF:**

Are you pretty pleased from your personal prospective Paul how this process has gone relative to other installations across the country? Has this been relatively smooth in terms of environmental clean up? I'm not even

1 talking about the other issues.

2  
3 **MR. PAUL CLOUD:**

4 Environmentally it was - if you look at just  
5 what the contamination was at the Proving Ground.

6  
7 **MR. KEN KNOUF:**

8 Right.

9  
10 **MR. PAUL CLOUD:**

11 It was a cake walk because it was very simple.  
12 Getting to the point where the State agreed and EPA either  
13 agreed or you know stopped involving themselves,  
14 particularly the EPA, although I don't want this to be  
15 interpreted as a slam on the EPA.

16  
17 **MR. BOB HUDSON:**

18 Go ahead.

19  
20 **MR. PAUL CLOUD:**

21 Was the most difficult part and part of that  
22 reason was because you know the BRAC process was a brand new  
23 type of experiment the Federal government used to close  
24 utilities and it was utilized for a number of reasons. But  
25 one (1) of the problems that it generated was the fact that

1 they were trying to establish a "partnership" between the  
2 DOD component, whether it was the Army, Navy, Air Force,  
3 Marine Corps, whatever and then the State and Federal  
4 environmental regulators and each of those entities had  
5 their own statutory authority. And they're very protective  
6 of those things. Sometimes that does not lend itself in my  
7 opinion to quick resolution. And it was a growing process.  
8 I think ah now that BRAC '05 has you know started, once  
9 those bases are identified at the end of the year and they  
10 start the process for clean up and closure at whatever bases  
11 are identified for that round, I think a lot of good lessons  
12 will have been learned in previous go arounds that will very  
13 well utilize them. It's been a very you know interesting  
14 period. It's never been boring. It's been frustrating at  
15 times. But it's been challenging and we've done a lot of  
16 interesting and innovative and unique things here at  
17 Jefferson. And so I've enjoyed it, although some days less  
18 than others. Richard?

19  
20 **MR. RICHARD HILL:**

21 I - I would like to speak to that - that same  
22 question generally anyway Ken. That - and I can base - I  
23 don't have a lot of personal experience with ah remediation  
24 of this type but in - since Diane's here I'm going to talk  
25 about her for a minute, or since she's not here. Now she -

1 ah just from talking to her and she does have you know some  
2 experience at - with remediation at other kinds of sites,  
3 not military sites but other kinds of sites. And even  
4 though it is - she is maybe - sometimes seems to be in  
5 contention with what was going on she - she would admit, and  
6 I know that I can say this for her, that ah - that in  
7 general the Army has done a good job of remediation South of  
8 the firing line. She's - you know there are some things  
9 that she has not been happy about all along as we all know  
10 but ah that they have done - she would say that they have  
11 done a good job at going in with the soil removal and the  
12 ground water monitoring and the things that needed to be  
13 done. And as Paul said it wasn't a real major, major ah  
14 clean up operation like at some places. But still there  
15 were a lot of things to do, a lot of hoops to jump through  
16 and it's been a lot of fun. But some days more than others.

17  
18 **MR. BOB HUDSON:**

19 Well we're just coming up on our ten (10) year  
20 mark.

21  
22 **MR. PAUL CLOUD:**

23 Any other comments or questions? Our next RAB  
24 meeting is scheduled for the 2<sup>nd</sup> of November up in the  
25 Jennings County Public Library at North Vernon, seven

1 o'clock (7:00) Wednesday. And these are the meetings for  
2 all of this year. Obviously this is the third meeting of  
3 this year and we have one (1) more scheduled.  
4

5 **MR. BOB HUDSON:**

6 Can I ask you a question?  
7

8 **MR. PAUL CLOUD:**

9 Yes.  
10

11 **MR. BOB HUDSON:**

12 By that November meeting would you - do you  
13 think you would have the querying done of the RABs, kind of  
14 ah something written or another?  
15

16 **MR. RICHARD HILL:**

17 I think I could do that. Yeah that would be a  
18 good time to have it done.  
19

20 **MR. KEN KNOUF:**

21 Can you buy us cakes so we can celebrate?  
22

23 **MR. PAUL CLOUD:**

24 Actually you know the short answer to that is  
25 no. There was a BEC, and that's what I am, BRAC

1 Environmental Coordinator, for the Army but BECs are  
2 ubiquitous for all the services. There was a BEC that did  
3 in fact bring refreshments to a RAB meeting many years ago,  
4 not myself. That BEC was severely chastised because that is  
5 a significant no-no for expenditure of government funds.  
6 And my position is --

7  
8 **MR. RICHARD HILL:**

9 We could pass the hat.

10  
11 **MR. PAUL CLOUD:**

12 And my position does not say designated  
13 inmate. So therefore the short answer is no.

14  
15 **MR. BOB HUDSON:**

16 Paul you could spend your own money.

17  
18 **MR. PAUL CLOUD:**

19 Well I'm - unfortunately I'm not one (1) of  
20 these over paid GS-15's that I'm familiar with, retired or  
21 otherwise. If there are no other comments or questions I  
22 would like to thank everyone for coming tonight. I will  
23 look forward to seeing what type of response Richard gets on  
24 the RAB members on the community's side by our next meeting.  
25 Again if you have not signed the attendance sheet and you do

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wish to be on the mailing list please do so and also avail  
yourself of a copy of the slides and thank you. I have no  
other closing comments. Richard?

**MR. RICHARD HILL:**

Ah no. I don't have anything else either.  
Thank you.

**MR. PAUL CLOUD:**

I'd say we're adjourned.

\* \* \* \* \*

**CONCLUSION OF HEARING**

C E R T I F I C A T E

STATE OF INDIANA )  
 ) SS:  
COUNTY OF JEFFERSON )

I, Sharon Shields, do hereby certify that I am a Notary Public in and for the County of Jefferson, State of Indiana, duly authorized and qualified to administer oaths; That the foregoing public hearing was taken by me in shorthand and on a tape recorder on August 3, 2005 at 420 West Main Street, Madison, IN; That this public hearing was taken on behalf of the Jefferson Proving Ground Restoration Advisory Board pursuant to agreement for taking at this time and place; That the testimony of the witnesses was reduced to typewriting by me and contains a complete and accurate transcript of the said testimony.

I further certify that pursuant to stipulation by and between the respective parties, this testimony has been transcribed and submitted to the Jefferson Proving Ground Restoration Advisory Board.

WITNESS my hand and notarial seal this 15<sup>th</sup> day of August, 2005.

\_\_\_\_\_  
Sharon Shields, Notary Public  
Jefferson County, State of Indiana

My Commission Expires:

July 2, 2007