

## CAMP CROFT RESTORATION ADVISORY BOARD MEETING

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PLACE: Marriott Renaissance Hotel  
Spartanburg, South Carolina

DATE AND TIME: Tuesday, May 22, 2012  
6:35 p.m. to 7:34 p.m.

REPRESENTATIVES: Shawn Boone, Government Co-Chair and  
US Army Corps of Engineers  
Charleston District

Spencer O'Neal  
US Army Corps of Engineers  
Huntsville District

Jason Shiflet  
Zapata Engineering, P.A.  
6302 Fairview Road, Suite 600  
Charlotte, North Carolina 28210

BOARD MEMBERS  
PRESENT:

John Moon, Community Co-Chair  
Donald Gibson  
Gary Hayes  
James Herzog  
William B. Littlejohn, Jr.  
Hugh McMillan  
Paul Savko  
Jimmy Tobias

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1 BY MR. MOON:

2 We're going to go ahead. I think everybody is here. We're going to go  
3 ahead and call this meeting to order.

4 With that being said, I'd like to welcome everybody to the Restoration  
5 Advisory Board Meeting, May 22nd, 2012. John Moon, Community Co-Chair, and  
6 with that being said, we'll go ahead and get started in the New Business,  
7 Election of Community Co-Chair.

8 BY MR. BOONE:

9 All right. If we could just back up one second, I see a couple of new  
10 faces that haven't been here before. There's a sign-in sheet in the back if you  
11 haven't signed in, and I know you probably have a lot of questions that might  
12 need some individual attention. So you can either bring it up to the group during  
13 the old business or we'll be hanging around afterwards if you want to talk  
14 specifically about your particular property or whatever questions are is fine.

15 So to get to the election of the community co-chair, the term for the  
16 community co-chair is one year, and we passed John's tenure in April. He is  
17 eligible to serve another year on term, if so voted.

18 BY MR. HAYES:

19 I nominate John.

20 BY MR. GIBSON:

21 Second.

22 BY MR. SAVKO:

23 I second.

24 BY MR. MCMILLAN:

25 Third, fourth, fifth, sixth.

1 BY MR. SAVKO:

2 They're not afraid to vote. We got him.

3 BY MR. BOONE:

4 How do you feel about that, John?

5 BY MR. SAVKO:

6 Are you okay with it?

7 BY MR. MOON:

8 I mean I'll do what I've got to do.

9 BY MR. BOONE:

10 Well, ---

11 BY MR. GIBSON:

12 Was that a yes or a no? I didn't ---

13 BY MR. MCMILLAN:

14 I don't think we ought to put you on the spot. I mean, you know, you did a  
15 good job, but ---

16 BY MR. SAVKO:

17 We would have elected you if you weren't here just as well.

18 BY MR. HAYES:

19 Any more nominations?

20 (NO RESPONSE)

21 BY MR. BOONE:

22 All right. Do you want to have a vote on it, John?

23 BY MR. MOON:

24 Yeah, we can vote on it.

25 BY MR. SAVKO:

1           You're sure you're comfortable with it?

2   BY MR. MOON:

3           I'll do it. I'll just put it that way. I'm not going to get that involved in  
4 anything else. I don't necessarily feel good about it, but I'll do it.

5   BY MR. SAVKO:

6           Thank you. All in favor?

7   BY MR. GIBSON:

8           Good, good experience, John.

9   BY MR. MOON:

10          Uh-huh (affirmative response).

11   BY MR. SAVKO:

12          All in favor?

13   (RESPONSE WITH AYE)

14   BY MR. SAVKO:

15          It's almost unanimous.

16   BY MR. BOONE:

17          Opposed?

18   (NO RESPONSE)

19   BY MR. BOONE:

20          John, you didn't vote.

21          It looks like you've been elected for another year. Congratulations.

22          As a side note, the RAB itself serves a two-year term. The RAB is a  
23 Restoration Advisory Board. That's what this panel is. So next April will be the  
24 end of the two-year term for the board as a whole. So we'll be looking for  
25 volunteers and nominations from the general public, landowners, any interested

1 parties next fall. So spread the word, and we'll proceed then in the fall to get a  
2 new board on online.

3 I think that's all for that.

4 BY MR. MOON:

5 Moving along, the Remedial Investigation/Feasibility Study Update, US  
6 Army Corps of Engineers. Do you guys want to bring on some of that?

7 BY MR. BOONE:

8 So, just a little background for those who haven't been in these meetings  
9 before, Camp Croft is a former infantry training base. It operated for about  
10 five years during World War II, and in the eighties a law was passed called  
11 CERCLA. That's an acronym for Comprehensive Environmental Response  
12 Compensation and Liabilities Act.

13 So the Corps of Engineers has been charged with investigating and  
14 cleaning up any contamination that exists from DOD activities during this  
15 period, and so we're going through this process that's mandated by CERCLA.

16 Currently we're in the remedial investigation phase, which has two  
17 charges: One is to discover whether there is contamination and what the  
18 nature of that contamination might be; and two, to discover the extent of  
19 whatever contamination that exists.

20 So that process is what we're going through right now, and so what we  
21 have is an update for that investigation; and so Jason is going to --- Jason  
22 Shiflet works for Zapata Engineering, which is our primary contractor for this  
23 investigation, and so he's going to give you an update of where we are with that  
24 effort.

25 BY MR. SHIFLET:

1           There are two figures that I want to show you tonight, and they're meant  
2 to communicate two main pieces of information. One is, as far as the process in  
3 order to access the property where we would like to do investigation work, we  
4 have to obtain rights of entry, something that I think most of us in this room  
5 are now familiar with well enough, and so what I wanted to show first is how  
6 that's going basically of all the parcels that we have, requested access to or  
7 requested rights of entry, where we --- I just want to give you a flavor of  
8 where we have access and where we have yet to get access.

9           In case some of you live near some of the folks that maybe haven't  
10 responded yet to the ROE and might be able to chat with them and maybe  
11 they're not getting their mail or maybe they just haven't made a decision yet.

12           So what this figure is meant to communicate, and I apologize for the  
13 coloring here, but they're supposed to be green and red.

14           The green indicates that the ROE has been signed and accepted, and  
15 then the red, which shows up as gray on the screen, is meant to indicate that  
16 the ROE is either pending, which means it hasn't been signed, or it's been  
17 refused.

18           So they showing two categories, accepted or pending and refused or  
19 refused, and so the other thing that shows up on this map, it's a little hard to  
20 see, is these blue lines here, which are areas that have designated for  
21 investigation, and anywhere that these blue boundaries, any parcel that they  
22 touch, even if it's a foot, that parcel is a parcel that we're interested in and  
23 then we have to get a right of entry for. So you'll see some of these parcels  
24 are just barely touched over here, but they are and because of that we need a  
25 right of entry.

1           So, obviously, the bulk of the land is the State natural area, so we were  
2 able to get that early and that helped a lot, but then we're starting to, you  
3 know, been real successful lately with collecting rights of entry for some of the  
4 other parcels, particularly over on this side of our investigation area.

5           So I'll scroll down a little bit, too, so you can see the remainder of the  
6 site that ---

7 BY MR. BOONE:

8           Jason, could you just point out the major roads so ---

9 BY MR. SHIFLET:

10          Sure. Yeah.

11 BY MR. BOONE:

12          --- to help orient people.

13 BY MR. SHIFLET:

14          Of course, yeah.

15          This is Dairy Ridge Road right here, and then Southport is here. White  
16 Stone is here. Cowford Bridge Road, if I'm pronouncing that correctly, is here.  
17 Pine Street is over here.

18          The Kohler plant and Kohler property is up here. The Wedgewood and the  
19 golf course is up in this area, that will help you orient yourself to this figure;  
20 and then as I scroll down you'll see that we've had fairly good success in getting  
21 rights of entry, so some of these other properties, I discovered in a meeting  
22 earlier today, what I suspected to be the case, which is that we actually also  
23 have the right of entry for this property. It's just the wrong color. So that  
24 should be green, but there are properties over here that we have yet to get  
25 rights of entry to.

1           So this is the first piece of information that I wanted to share. If you  
2 have questions after the fact, I'll be happy to zoom in a little closer here and  
3 talk about specific properties, maybe yours or your neighbors.

4           So the other piece of information that I wanted to communicate is, again,  
5 it's a little hard to see, but basically, I wanted to give everyone a sense of how  
6 far along are we with our work.

7           We started back at the end of January with the field work, so you might  
8 ask are we 50 percent done or 80 percent done or where are we? And so I  
9 wanted to give you a visual impression of where we are, and so what you'll see is  
10 that anywhere that you see this lighter pink color, it's property that we are ---  
11 that we ultimately will be included in our investigation area, if we get a right of  
12 entry. In some cases we haven't gotten rights of entry yet, so we --- you know,  
13 we haven't been able to access that property.

14           In other cases, like this is an example of that. We haven't done an  
15 investigation in that property yet because we haven't got right of entry yet.  
16 However, the Kohler property is we have gotten right of entry, we just haven't  
17 gotten to it, yet. It's on the agenda, so to speak.

18           The darker cross hatched area represents areas where we've done work.  
19 So you can see what we've done, and I'll scroll down in a minute, we've basically  
20 done a bulk of the State natural area, and we've been able to move over into  
21 some of these other residential and like areas.

22           So we're making great progress, especially as the ROEs came in a little  
23 slow initially, and so that slowed things down on some of the eastern areas, but  
24 now that they're coming in, we're able to continue on with our activities; and  
25 again, here's the lower part of the investigation area. Some of the work that is

1 yet to be done down here, it isn't done yet just because we just haven't gotten  
2 to it. You know, we're working. We started up here and we're sort of working  
3 to east and now back down. We're waiting for turkey hunting season to end so  
4 that we can access some of these properties down here, and so that's where we  
5 stand.

6 So those are the two pieces of information that I wanted to focus on  
7 tonight.

8 BY MR. MCMILLAN:

9 I'd just like to say, you know, not long ago they did a demonstration of  
10 the process, and it is a rather tedious process, so to have completed that much  
11 is very impressive.

12 BY MR. GIBSON:

13 Donald Gibson.

14 Are you going to furnish us a list of those people who have not returned  
15 the right of entry, so that we may know who to contact if we know some of  
16 them?

17 BY MR. SHIFLET:

18 I'm going to defer to the Corps.

19 BY MR. BOONE:

20 Well, ---

21 BY MR. GIBSON:

22 You know, how do we --- you know, you want our help, as for with this  
23 group, too, but if we don't whose property is involved, then we can't be a lot of  
24 help.

25 BY MR. BOONE:

1 I have to look into that actually. I don't know ---

2 BY MR. GIBSON:

3 Okay.

4 BY MR. BOONE:

5 --- the immediate --- I'm not sure whether we can advertise whether  
6 somebody has signed or needs to sign.

7 BY MR. GIBSON:

8 I understand that aspect of it.

9 BY MR. BOONE:

10 Yeah. I will certainly back to you, though.

11 BY MR. GIBSON:

12 Okay.

13 BY MR. MOON:

14 Yes, ma'am?

15 BY MS. BASSETT:

16 I'm curious. Why would somebody be hesitant to not provide a ROE?

17 BY MR. SAVKO:

18 Please identify yourself.

19 BY MS. BASSETT:

20 I'm Angela Bassett. I'm also with the Corps of Engineers. So I am just  
21 curious as to some of the reasons that someone would not provide you a ROE.

22 BY MR. SMITH:

23 I'm Roy Smith. I'm one of the holdouts.

24 BY MR. GIBSON:

25 Okay. We get the answer.

1 BY MR. SMITH:

2 So mine is liability.

3 BY MS. BASSETT:

4 Liability.

5 BY MR. SMITH:

6 Who --- the letter that was sent out for me to sign says that the  
7 government will make repairs for any damage done or whatever, but it also says  
8 that there may or may not be money to do that with. You know, it's just plain  
9 across the board that they can't do it, so, you know, without guarantee liability  
10 from Zapata or through someone, I'm a contractor, and when I go on somebody's  
11 property to work, I've got to furnish a workman's comp certificate and liability  
12 insurance that says, if I do any damage to your property or if someone is hurt  
13 on your property or whatever, then I'm responsible. I haven't received that  
14 from anyone through the Corps of Engineers, and that's my 100 percent. I mean  
15 that's it.

16 BY MR. BOONE:

17 Well, I'm hearing a couple of things I'll try to address.

18 First, the government always self-insures. We don't purchase liability  
19 insurance for that, and I know there are certain parts of that right of entry  
20 agreement that are a little legalese and not exactly clear, and one specific area  
21 you referenced about whether there's money or not, it basically goes back to  
22 the powers of the purse and Congress. We can't enter into an agreement that  
23 binds Congress to allocate money to a specific effort without their --- it's  
24 basically a law they ---

25 BY MR. SMITH:

1           They say that the money ---

2   BY MR. BOONE:

3           --- have to pass.

4   BY MR. SMITH:

5           --- should be allocated ahead of time, and it says there that it's not  
6   necessary that had to have been done and may it not be done. So, you know,  
7   that's my concern. If you say, yeah, we've got the money there. We guarantee  
8   if we do any damage, we're going to pay it. If we've got --- if somebody gets  
9   hurt on your property, get blown up doing this or fall in a hole or whatever, that  
10   we're not going to come to you to pay for it, and that's --- you know, that's  
11   where I'm at, but there's no guarantees, other than your word, and I'm not  
12   questioning your word, you know, but ---

13   BY MR. BOONE:

14           Sure.

15   BY MR. SMITH:

16           But you go by what's written down, and what's written down says there is  
17   no guarantee.

18   BY MR. BOONE:

19           Well, the government's part of that is the government's part. The right  
20   of entry is an agreement with the government. As far as the contractor goes,  
21   they, too, are required by contract to be insured. So they have their own  
22   coverage for their people and their liability to us and you. So ---

23   BY MR. SMITH:

24           Do they have certificates of insurance from the contractor, and, you  
25   know, we've got liability and we've got liability is going to cover a million dollars

1 or whatever, you know, I carry like five million dollars for what I do, and we've  
2 got workman's compensation, and then, you know, I'd be willing to do something.

3 BY MR. BOONE:

4 Well, the man you need to talk to is actually sitting over your right  
5 shoulder there. His name is Stephen Bruce.

6 BY MR. SMITH:

7 Okay.

8 BY MR. BOONE:

9 And he works in our real estate office, and we've actually had questions  
10 exactly the same as yours about this agreement, and we worked through the  
11 process to provide the information that made you feel comfortable in signing.  
12 So I think there's something we can work out as far as that goes, but Stephen  
13 is probably the best point of contact. Maybe you can exchange information, and  
14 I know he'll be happy to help you.

15 BY MR. BRUCE:

16 Sure.

17 BY MR. LEVEREAUX:

18 My name is Scott Levereaux. I feel the same way Roy does here.

19 I held out on the request we got back in November. The second request  
20 I modified the agreement and signed it, but I struck a lot of stuff out of it.  
21 Leaving equipment on my property for an indefinite period of time and that sort  
22 of thing, I --- I'd love for you folks to check my property. Ten years ago I  
23 redid my backyard, and I must have found a thousand bullets sitting in my  
24 backyard. Who knows what else is back there, but, you know, I have some  
25 concerns about liability, like Roy does, leaving equipment on the property, or

1 starting something and running out of money and putting a fence around my  
2 property. I believe you did that to Dr. Lowry's property for a while, did you  
3 not?

4 BY MR. BOONE:

5 I believe so. It was a little before my time.

6 BY MR. LEVEREAUX:

7 Well, it was a number of years before that was finished. I don't want a  
8 fence around my property. Those are my big concerns.

9 BY MR. O'NEAL:

10 This is Spencer O'Neal. There was a lot of other pieces that went along  
11 with Dr. Lowry's property.

12 BY MR. LEVEREAUX:

13 Well, it's a big piece of property. I understand.

14 BY MR. O'NEAL:

15 It is.

16 BY MR. LEVEREAUX:

17 Mine isn't quite that big, but still, you get started and you run out of  
18 money, I'm not waiting for Congress. Congress, who knows what they're going to  
19 do.

20 BY MR. BOONE:

21 Well, the right of entry that is a form that --- it's probably pretty clear  
22 that that's a form that ---

23 BY MR. LEVEREAUX:

24 Well, I did modify it and I signed it, whether you folks accepted it or not  
25 is, you know, ---

1 BY MR. BOONE:

2 Well, I think the important part is that there is a dialogue. So, like I  
3 pointed out, Stephen is the best person to talk about the specifics of the  
4 agreement. If there's changes you want to make, we'll run them by the lawyer,  
5 and we'll go back and forth about it, and we've modified the time, the duration,  
6 a lot of different aspects of these agreements for specific property owners.  
7 So it's not unprecedented, but ---

8 BY MR. LEVEREAUX:

9 Well, I know we got the same request about 14 years ago and signed it  
10 back then. However, my property has expanded since then, you know, and,  
11 again, I would like it checked, but I'm not going to give the government carte  
12 blanche to do they want to do. You know we need some rights in this whole  
13 thing as well.

14 BY MR. BOONE:

15 Sure.

16 BY MR. SMITH:

17 You know, that's another question is, you know, how it's done, when there's  
18 a house on the property and building on the property, you know, obviously, you  
19 can't come through the house with your detectors, and how do you work it out  
20 around there and doing it, and, as Scott said, just storing of equipment on the  
21 property? I've talked to some of the Zapata folks down there, and, you know,  
22 saw them using shovels and metal detectors.

23 Then the other question you mentioned contamination on the property.  
24 Are we talking about munitions entirely or are we talking about possibly  
25 chemical or something else with contamination?

1           What are you searching for?

2   BY MR. BOONE:

3           We're looking for munitions exclusively.

4   BY MR. SMITH:

5           Exclusively munitions.

6   BY MR. BOONE:

7           And any chemical remnants of the munitions, but no, no hazardous waste  
8   or anything.

9   BY MR. SMITH:

10          Okay.

11   BY MR. HAYES:

12          But if you find hazardous waste, it would be reported, right?

13   BY MR. BOONE:

14          Correct, and we'll go through a similar process as far as a separate  
15   project and separate effort.

16   BY MR. HAYES:

17          I had the same concerns that you all did with my property. Stephen and  
18   I have talked a lot, and we finally came to an agreement, and, Stephen, do you  
19   know where their property is?

20   BY MR. BRUCE:

21          I know where Mr. Smith's is.

22          We've talked back and forth about ---

23   BY MR. LEVEREAUX:

24          Yeah, my property butts up to his.

25   (MR. BRUCE AND MR. LEVEREAUX HAVE A DISCUSSION OFF THE RECORD)

1 BY MR. HAYES:

2 Well, he'll look over it and you all can talk back and forth, and he'll take  
3 his time to get it all worked out and come to an agreement between you all and  
4 the government on this.

5 BY MR. SMITH:

6 Now you are saying, though, that the contractor can supply ---

7 BY MR. BRUCE:

8 Yes.

9 BY MR. SMITH:

10 --- a certificate of liability insurance?

11 BY MR. HAYES:

12 They supplied that to me, and we held out until it was supplied. So, that's  
13 your right.

14 BY MR. SMITH:

15 I represent my son and daughter. They each have three acres.

16 BY MR. BRUCE:

17 Yes, and I know exactly where your property is at.

18 BY MR. MOON:

19 Jason, do you want to say anything about the schedule? I know the  
20 schedule is on there, too.

21 BY MR. SHIFLET:

22 Sure, I can.

23 Based on where we are in the process, we had originally, maybe you would  
24 say, a rough field work completion date of around 30 June. That was the  
25 target, but we have, based on the way that things are going, we'll get very close

1 to that. We probably that will slip a little bit a couple of weeks, hopefully not  
2 more than four, and most of that slippage is going to be related to late coming  
3 rights of entry.

4 So --- so, you know, we'll continue to do what we're doing, continue to do  
5 the transect work over the next couple of weeks. We're evolving. We're  
6 actually evolving from the transect phase of the work into the grid investigation  
7 phase.

8 So we're starting to assemble these maps that we call our density maps.  
9 So we take our, the data that we've been collecting along the transects, and we  
10 plot all that information into our GIS, which these figures come from, and we  
11 start to build these conceptualized figures that tell us where we have a lot of  
12 anomalies and where we have very few anomalies, and we look at that.

13 We look at those data and we talk among the Corps of Engineers and the  
14 rest of our project delivery team. We all come to agreement on where we think  
15 we need to investigate a little further by installing grids, which means we go  
16 back out to some of these locations and we collect data in a little bit different  
17 way over a little bit sort of different area, a footprint, I guess you'd say, and so  
18 we're in the process of wrapping up the transect data and beginning the grid,  
19 the grid work right now.

20 We expect to have our geophysical team onsite after Memorial Day.  
21 They'll be mobilizing on Tuesday after Memorial Day to come and start doing  
22 the digital geophysical mapping at the predetermined and still evolving grid  
23 locations. So that will happen, that process takes about a month to do what  
24 they need to do, and all the while we'll be processing those data and beginning to  
25 integrate those data into our GIS as well.

1           So our projected end date of 30 June still looks pretty good, but,  
2 unfortunately, you know, we've had a little bit of project slip in the beginning  
3 because of the ROEs, so we're going to be backed up a little longer than we  
4 thought, but, you know, it's nothing that we can't handle and accommodate for.

5           Yes?

6 BY MR. SAVKO:

7           Paul Savko. Jason, would you kindly explain the different engineering  
8 methods that you're using, mass, gross, transect lines, the different techniques  
9 that you're using to uncover and identify mass areas.

10 BY MR. SHIFLET:

11          Sure. Yeah.

12 BY MR. SAVKO:

13          Yeah, because we've got some new people here, and I don't think they  
14 know about the different techniques that you're using.

15 BY MR. SHIFLET:

16          Right. I'll try to keep it brief.

17 BY MR. SAVKO:

18          Please.

19 BY MR. SHIFLET:

20          But, essentially, what we did is we --- there's been a lot of work done at  
21 this site at this former installation, and so one of the first things that we did is  
22 we took all of that previous work and we tried to boil it down and --- and build  
23 our information data set and our GIS, and from that data compilation we were  
24 able to identify specific areas that really warranted further investigation; and  
25 not only that, within those areas, what we were able to identify what was the

1 driver of the investigation, what kind of munitions type we needed to care  
2 about, whether it was a grenade or a 60-millimeter or a 2.36-inch rocket or  
3 whatever it was, we were able to identify the target munitions, if you will, for  
4 each of these areas.

5 We take that information and use a software package designed to guide  
6 us in investigations like this to establish transect lines, and these transect lines  
7 are spaced, they're a meter wide and they're spaced apart appropriately for the  
8 time that we're looking for; and so we have transects, you can't see them on this  
9 figure, but basically we have transects covering every area that we're going to  
10 investigate, and, for the most part, except for areas like this and a few others,  
11 for the most part they're roughly 400 feet apart. They're closer in some areas.

12 So once the transects are established, we have two initial investigation  
13 approaches: One is to do a recon and the other is to do mag and dig. In the  
14 recon areas, which are those areas that are further away from the range fans  
15 or what we would call either the firing point or the suggested or ---

16 BY MR. SAVKO:

17 Impact.

18 BY MR. SHIFLET:

19 --- assumed impact area, and those locations that are further away, we  
20 feel like we have a lower inherent risk, so we approach those a little differently.  
21 We just recon the area, which means we walk the transects and we count  
22 anomalies.

23 In other areas inside those range fans and near those targeting points  
24 and apparent impact areas, we walk those transects in the same fashion except  
25 the approach that we use is called mag and dig. So we still use the same

1 instrumentation, but we actually dig the anomaly that we encounter there; and  
2 so that gives us two different types of data sets, but both of them give us  
3 information about what we would call anomaly density, how many anomalies per  
4 acre basically; and then for the recon area, that's basically all we know, unless  
5 we found something on the surface.

6 For the mag and dig areas we have anomalies per acre and we have what  
7 we found. We were able to make notes about what we found, whether it was  
8 just frag or whether it was an actual unexploded item.

9 From those two data sets we did take those to the next step which is  
10 this idea where we go and we determine in these high density areas where we  
11 need to establish grids, and grids can be 50 by 50 areas or they can be  
12 elongated, you know, three meter by hundred meter areas, and, again, we handle  
13 those two areas separately.

14 In the recon areas, because we don't know anything about what we found,  
15 and the grids will be established by the anomalies that we measured or counted,  
16 because we just counted anomalies in those recon areas, grids that are  
17 established there are mag and dig grids. So we dig everything and we count  
18 them. We establish the grids in those areas and we go back and we dig  
19 everything in the grid, and that helps us describe what our objectives are for  
20 the study, which is to characterize the nature and extent of potential  
21 contamination, what's there and where is it. That's what we have to answer.

22 In the mag and dig areas, transect areas, when we install grids in those  
23 areas we go and collect geophysical data, and from those data we select target  
24 anomalies to investigate, anomalies that look MEC like, and so that gives us a  
25 different a nuance sort of data set that can work from, and we take all of that

1 information and evaluate the results in a way that lets us describe or talk about  
2 risks associated with all these parcels, and it's that risk that becomes the main  
3 focus or outcome of the RI report.

4         When we produce this RI report, we're going to have maps of where we  
5 did work, what we found. We're going to talk about potentially partitioning the  
6 site. These areas seem to be areas that need further focus. These areas are  
7 areas that we probably don't need to worry about in the future as much or they  
8 have a much lower risk, because we've investigated them well enough that we're  
9 not really finding anything, and we will never say that there is no risk but  
10 there's a lower risk, and then that will only describe in the RI. The following  
11 step is the FS where we take that information, that idea of risk for all these  
12 sites for all these parcels, all these areas, and we take that to the next step,  
13 which is here are all of the alternatives, all the remedial alternatives for all  
14 these areas. Now, as stakeholders, what would we like to do with these areas?  
15 Do they need to be remediated? Do they need to be managed with land use  
16 control? Do they need anything at all, and then that becomes a stakeholder's  
17 decision that's handled down the road.

18 BY MR. O'NEAL:

19         I just want to make a point. This is Spencer O'Neal. I want to make a  
20 point to what Jason said. Those techniques that they utilize, either mag and dig  
21 or recon, does not constitute a clearance. That is not a removal action. Okay.  
22 So we're doing an investigation to determine where the large pockets of all the  
23 information with data is so that we can go back and make a further decision on  
24 when we're going to do a removal action or how important, based on risks, that  
25 removal action could be. Okay.

1           So just because we get on your property and we go out and do more  
2 investigation does not constitute a clearance. We're not clearing the entire  
3 area.

4           I just wanted to make sure that everybody is perfectly clear on that.  
5 We're not at that stage, yet.

6 BY MR. SAVKO:

7           Paul Savko.

8 BY MR. LEVEREAUX:

9           I've got a question.

10 BY MR. SAVKO:

11          Excuse me.

12 BY MR. LEVEREAUX:

13          In these --- in the survey that you're doing, say you're walking a one  
14 meter track? I've got to ask how do you do that? Some of this land back there  
15 has so much overgrowth. How do you --- how do you do it?

16 BY MR. SMITH:

17          Yeah, they have ---

18 BY MR. LEVEREAUX:

19          I mean I've got ten acres in the back. I can't walk it. There's just so  
20 much brush and briars and other things back there.

21 BY MR. SHIFLET:

22          Right. Well, that is a --- that can be a problem at times. We have folks  
23 on site. I guess one thing that you should recognize is that the guys that are  
24 doing the work and our senior supervisor for all the site work is here with us  
25 tonight, Terry Farmer. Maybe he has something to add, but I'll just say that

1 the guys that do this work are used to working in environments like that, and  
2 there's cases where they really need to clear a path, to clear brush so that they  
3 can walk, they do that. Sometimes it's more clearing than others. Sometimes  
4 they can work through an area that maybe doesn't seem possible, but, you know,  
5 they're kind of used to it and they can do it.

6 So I guess that's maybe not a satisfactory answer, but --- and there are  
7 some places where we can't, we can't really get to. If we come to an area of a  
8 transect that's where we transition from solid ground to what might be kind of  
9 a marshy or wetland area, we can't. We can't collect data in that area because  
10 we couldn't. We can't dig under water.

11 BY MR. LEVEREAUX:

12 Yeah.

13 BY MR. SHIFLET:

14 So, you know, that area becomes an area that has to be addressed  
15 slightly differently, which is we had to write the RI as, look, we had our  
16 transect that went through this wetland. We can't dig in this wetland, so we're  
17 not exactly sure what's along this transect in the wetland, but we look at all the  
18 area around it and we can, you know, maybe make some inferences.

19 BY MR. LEVEREAUX:

20 Uh-huh (affirmative response).

21 BY MR. SHIFLET:

22 But as far as where we are in the world, too, the guys in the field, we  
23 essentially predetermine in advance a hub location every hundred feet along all  
24 these transects and the guys surveying those points, and they have been --- not  
25 only have we had excellent GPS coverage in my opinion --- I mean GPS accuracy,

1 but they have done a stellar job, the best I have seen, on any of the RI FSs I  
2 worked on recently at following that line exactly like we hoped, you know, that  
3 line would go, and that means that they're moving all over this terrain up and  
4 down and around, but they're doing a great job of tracking right along the  
5 transect line, which frankly is key to the investigation, because these transects  
6 are spaced apart, again, based on the items that we're looking for. If the  
7 transects start doing this, then we can miss an area.

8 So, so far things have been really good, and you'll see when the RI report  
9 comes out there will be a figure where we demonstrate where they surveyed  
10 hubs in, and I think you'll be surprised and probably as impressed as I am.

11 BY MR. LEVEREAUX:

12 Okay.

13 BY MR. HAYES:

14 So the meter wide swipe is where they take the magnetometer and go  
15 back and forth and that's how they --- you know, so basically about a meter.

16 BY MR. BOONE:

17 Yeah, they don't measure out a meter. They just swing ---

18 BY MR. LEVEREAUX:

19 No, I understand that.

20 BY MR. HAYES:

21 And then what they'll do, they'll have a peg here and another peg about a  
22 hundred feet, and then they go from peg to peg, and then keep going along each  
23 row like that.

24 BY MR. SMITH:

25 There's places now on mine you can't run a rabbit's trail through there.

1 BY MR. LEVEREAUX:

2 Yeah, I've been ---

3 BY MR. HAYES:

4 It's like all over the place in certain places.

5 (OFF THE RECORD DISCUSSION BY MR. SMITH AND MR. LEVEREAUX)

6 BY MR. MCMILLAN:

7 Hugh McMillan. Then that's what I meant earlier about how tedious the  
8 work is. That they really, you know, stick to where they're supposed to be  
9 regardless of how many wait-a-minute behinds they are.

10 BY MR. SMITH:

11 When you get near a structure, what do you with structures and houses,  
12 garages, that sort of thing?

13 BY MR. BOONE:

14 Go around.

15 BY MR. SMITH:

16 You just work up to the house and pick it up on the other side, that sort  
17 of thing?

18 BY MR. BOONE:

19 And parking lots and other things.

20 There's no sense in surveying those.

21 Susan?

22 BY MS. BYRD:

23 Concerning when you said this isn't the clearance stage of the  
24 investigation, but if you find an item with explosive potential, what do you do?

25 BY MR. O'NEAL:

1           If we do come across areas where we do find items that, as you called it,  
2 an explosive item, what we do is we'll take it and we'll get rid of it. We don't  
3 leave anything there with potential danger. We don't leave anything there.  
4 Either we work with Lieutenant Dyas or our crews, and what we'll do is we'll take  
5 that and we'll either blow it or we'll move it to an area where it's rendered safe  
6 to take care of it.

7 BY MR. SMITH:

8           So during the investigation, if you find something, you remove it?

9 BY MR. O'NEAL:

10          Yes.

11 BY MR. HAYES:

12          Now I think it would be good for the public and for the record, because  
13 I've heard this discussion before, not at the board meeting, but I'd like for  
14 somebody to explain how if some of these transects are going up to a --- from,  
15 you know, where they have ROE on a property and it goes up to the property  
16 line where they haven't granted ROE and you're finding munitions up to that  
17 point, what can be done about the property that hasn't given an ROE that might  
18 be suspicious for munitions?

19 BY MR. BOONE:

20          That's one of the major cruxes of this investigation or just the major  
21 program in general is that the Department of Defense does not own the  
22 property. We need the property owner's permission to go on to the property  
23 and do investigations.

24          If they have not granted access, then we can't go on there, no matter  
25 what we're finding adjacent to it.

1 BY MR. LEVEREAUX:

2 Are you telling those property owners that you have found munitions  
3 adjacent to their property?

4 BY MR. BOONE:

5 That's part of why a lot of times it takes longer, the investigation takes  
6 longer than planned, because we start to find things up to the point where  
7 people have refused entry, and we have to try to convince them that in fact  
8 maybe they should reconsider.

9 So it happens, and we have to just work through the process, but there's  
10 nothing we can do to be able to strong arm them.

11 BY MR. HAYES:

12 But, Susan, DHEC can, right? DHEC can step in?

13 BY MS. BYRD:

14 Under the CERCLA law, I mean there --- and I'm not an attorney, so I  
15 don't want to speak too much legalese, but there is some presumed liability  
16 assumed on the property owner if they refuse the right of entry.

17 So say there was a munitions incident, an explosion at a later date and  
18 they refused to allow the Corps to investigate or to come on the property to do  
19 the removal, then there is some liability, but, again, I'm not an attorney so I  
20 can't go into the details of that. That's something that the property owner that  
21 refuses should speak with an attorney about, and ---

22 BY MR. HAYES:

23 And there's a possibility they might have to clean it up at their own  
24 expense?

25 BY MS. BYRD:

1           That's a good possibility that they could be tied up as a responsible party  
2 by refusing this investigation to take place.

3 BY MR. HAYES:

4           I just wanted to make that clear at the public forum and in the minutes.

5 BY MS. BYRD:

6           I just want to clarify that I'm not an attorney.

7 BY MR. HAYES:

8           I'm not either.

9 BY MR. SHIFLET:

10           I think I'd like to add one thing to that to this discussion, which is this is  
11 just an example, but this figure that I showed earlier may be what turns out to  
12 be sort of a great example of a figure that we might have in our report, which  
13 is these are all the properties that we requested access to that we wanted to  
14 investigate.

15           The darker ones are where we didn't have access to, and so they're not  
16 included in this investigation, and so we can't say anything about the  
17 contamination on those properties, but it doesn't take a rocket scientist to take  
18 that map, and then the one that's going to come later that has the locations of  
19 where items were found, and to start to put those two together and --- and,  
20 sadly, the land purchaser in the future will say, "Well, that property was not  
21 part of the investigation, but look at there, they found MEC right across the  
22 street on the other property."

23           That's not something that we're going to --- we're not going to necessarily  
24 force that information out there on to the property owners who choose to not  
25 have us investigate their properties, but it will be an outcome of the process.

1 "Here's where we didn't have access. Here's we found stuff." Those two  
2 figures will exist, and so if I were shopping for property down the road, I know  
3 about investigations like this, it wouldn't take me long to put two and two  
4 together and say, "I'm interested in that hundred acres," and look at there  
5 right across the street they had to do a huge clearance because they found a  
6 whole bunch of stuff. So, I mean, that's something that we can communicate to  
7 folks who maybe haven't signed yet or --- or who have maybe even refused is  
8 that this is something to consider.

9         You know, I think initially there were discussions in these meetings about  
10 folks being concerned about their property value because of this investigation,  
11 and the argument that I made months ago was you might consider by not signing  
12 you're going to be one of those properties that wasn't included, and you may  
13 regret that decision after all is said and done, because everybody around you  
14 may sign and you may not like what's found on their property and you won't know  
15 about your own, just as a point of reference, I guess.

16 BY MS. BYRD:

17         Jason, I want to add, as well, another project that we've done in South  
18 Carolina that's farther down the pipeline and we've had some cleanup. After the  
19 cleanup was completed, that parcel's property value was greater than those that  
20 refused and aren't clean, so, you know, that's something to keep in mind as well.  
21 Once the project is complete, your property is clean, but your neighbor's may  
22 not be.

23 BY MR. HAYES:

24         Do we have somebody --- is there a point of no return as far as turning in  
25 ROIs {sic}?

1 BY MR. SHIFLET:

2 The rights of entry?

3 BY MR. HAYES:

4 Yeah.

5 BY MR. SHIFLET:

6 Well, I think that's important to understand about our schedule. We  
7 don't plan to be here in August, and if rights of entry are not signed soon, yes,  
8 there is --- I mean I won't give you a date, because I'm not sure of that date. I  
9 don't know if it's June 10th or if it's June 22nd or June 30th. I don't know what  
10 that date is that's too late, but at some point, as a project manager with people  
11 in the field, we have to start thinking about finishing areas that we have where  
12 we're doing work and then demobilizing people; and once that discussion  
13 happens, it's really hard to completely change gears and say, "Okay. Well, we  
14 finally got a right of entry, so now we've got to bring people back." Yeah, I  
15 mean, I don't know what that date is, but there will be a point in time where it  
16 does kind of get too late.

17 BY MR. HAYES:

18 Is there some way to send them a registered letter?

19 BY MR. SHIFLET:

20 Well, ---

21 BY MR. BOONE:

22 Yes, that's what I was just about to say actually is that the Corps is  
23 required to send three letters. The third one is sent certified mail, and a  
24 number of our headquarters is copied and a whole bunch of other people. We're  
25 in the process of discussing when that letter will go out, and I suspect it will go

1 out in the next week or two for those who have not signed the rights of entry,  
2 but that is --- in that letter it will have a final date, based on our field  
3 investigation schedule and the regulator's feedback, how they want to proceed  
4 with those who haven't responded.

5 So while I don't have that date for you, it will be somewhere around the  
6 end of June for our cutoff date.

7 BY MR. HAYES:

8 Well, maybe we can get the paper to write an article or something right  
9 at the time they're being mailed out and that would be a type of public notice  
10 also explaining the issue. You know, I just want to make sure everybody has a  
11 chance. I know some people you haven't been able to get in touch with, and, you  
12 know, as being part of the board, we're here representing the community. I  
13 just want to make sure that nobody could come up and say, "Well, I didn't know  
14 about it." You know, and the more the ways that we can say we tried to get in  
15 touch with people, I think the less chance of anybody complaining.

16 BY MR. BOONE:

17 Sure.

18 BY MR. LEVEREAUX:

19 Excuse me. That was going to be my question. It sounds like you folks  
20 are well into this project. I just received my first notice a week ago as far as  
21 these meetings. Now, yes, I got a --- I got the paperwork for the right of  
22 entry back in November. I got the second one two weeks ago, but this is the  
23 first notice of these meetings that I've received.

24 BY MR. HAYES:

25 Yeah. Well, ---

1 BY MR. LEVEREAUX:

2 And it sounds like you folks are just about wrapping it up.

3 BY MR. HAYES:

4 Yeah. Well, I ---

5 BY MR. GIBSON:

6 No, not exactly wrapping it up.

7 BY MR. SMITH:

8 Well, the thing about it ---

9 BY MR. HAYES:

10 Well, we apologize if you didn't get a notice. I specifically, and I think  
11 Shawn knows I came up with the idea, let's make sure we get in touch, send out  
12 these mailers to every landowner before the meetings, and so about two  
13 meetings back I think we started it, so ---

14 BY MR. LEVEREAUX:

15 This is the first time.

16 BY MR. HAYES:

17 --- somebody dropped the ball or your name wasn't on the list or  
18 something, but somehow another it got on there, so glad you're here and --- you  
19 know, it's not that we're --- you know, we're --- we, as a board, we make  
20 recommendations to the Corps. We can't make them do something, but, as far  
21 as me, I mean, "Why did I get two notices?"

22 He said, "Well, you got noticed because you go the meetings, you got  
23 another notice because you're a landowner."

24 I said, "Okay," but I received a notice, got two notices at that time, but I  
25 think that was two meetings ago. So ---

1 BY MR. BOONE:

2 We only have them at these meetings only occur every three months, so  
3 it's not that often.

4 BY MR. SMITH:

5 You believe you'll be wrapping this up you believe the next six weeks for  
6 the ROEs that were signed, then why were we being asked to sign ROEs for two  
7 years out, or ---

8 BY MR. MCMILLAN:

9 This phase.

10 BY MR. SMITH:

11 --- did I miss something along the way?

12 BY MR. MCMILLAN:

13 This phase is what wrapping up.

14 BY MR. SMITH:

15 This phase. There are different phases. The first phase is the survey,  
16 but then you said that when you finally come and cleaning it up.

17 BY MR. O'NEAL:

18 Yes.

19 BY MR. SMITH:

20 So I got ---

21 BY MR. GIBSON:

22 He's not --- that individual piece.

23 BY MR. SMITH:

24 Right.

25 BY MR. GIBSON:

1 Not the area, just that piece on his ---

2 BY MR. SMITH:

3 Right.

4 BY MR. GIBSON:

5 --- grid he's working.

6 BY MR. O'NEAL:

7 The CERCLA process of phases, and we've already gone through a number  
8 of them. What we're conducting right now is just a study to further investigate  
9 what we found out in the EE/CA.

10 BY MR. SMITH:

11 Find out whether there might be some.

12 BY MR. O'NEAL:

13 Exactly and what the extent is, and the next phase could and most likely  
14 will be a removal action to those areas that we see as a risk to the public. I  
15 don't know when that phase is going to kick off, but this phase is definitely even  
16 to that phase. We give the data, in other words, make a recommendation on  
17 which areas need to be remediated for removal.

18 BY MR. BOONE:

19 It may be that we don't have to come back onto your property. Like I  
20 said before, the right of entry agreement, the initial one anyways, is a form  
21 letter; and then this process, we've been working on this since the early '90s.  
22 There's some property owners that signed this thing maybe five times. So ---

23 BY MR. BRUCE:

24 The reason it says removal months, we can max for about --- we don't let  
25 up until the end of June, even say six weeks from today, we don't.

1 BY MR. O'NEAL:

2 But understand we may coming back to you at a later date.

3 BY MR. SMITH:

4 Yeah, I understand.

5 BY MR. LEVEREAUX:

6 Do you folks at this point know the targets in some of these ---

7 BY MR. O'NEAL:

8 We do know, and based on that, that's what Jason was speaking of as far  
9 as the transects, sites of the transects needed, so we had to go in and made  
10 some assumptions along the way, what size targets they were. Of course on any  
11 government phase, you don't necessarily ---

12 BY MR. LEVEREAUX:

13 Yeah, I understand. Yeah, I understand that.

14 BY MR. O'NEAL:

15 However, we have made some assumptions based on the archive search  
16 report, surveys that were done, and all that the earlier work that we had  
17 conducted were included, so we do have some type of idea of those areas, and it  
18 also identifies some of those areas that have different types of munitions.

19 BY MR. SMITH:

20 Has that been shared with the public?

21 BY MR. O'NEAL:

22 It has.

23 I know we've shared that at the RAB a couple of times, and it's also up on  
24 the website.

25 BY MR. BOONE:

1           There's a website address in those pamphlets there, CampCroft.net. The  
2 work plan as a whole is posted on the web, and it's also in the County Library  
3 downtown, so you can look at the whole, the whole plan and the rationale for it  
4 and where we plan to go and the methods that we use. It's a pretty  
5 comprehensive document.

6 BY MR. SAVKO:

7           Paul Savko.

8           I'm a licensed registered professional engineer. I can't assure you of  
9 anything, but I will tell you for me personally the engineering on this particular  
10 study is most impressive. It is damn good engineering. You will be very pleased  
11 and very happy with the engineering. It will do a great job to do the  
12 remediation program. It is damn good engineering. It truly is. Thank you.

13 (MR. SAVKO LEAVING THE MEETING)

14 BY MR. MCMILLAN:

15           He's got a granddaughter that is graduating. He's not leaving because  
16 he's mad.

17 BY MR. BOONE:

18           Was it something I said?

19 BY MR. MOON:

20           Any other questions on that, this section?

21 (NO RESPONSE)

22 BY MR. MOON:

23           The next section under New Business is the Sheriff's Department  
24 Munitions Responses.

25 BY LIEUTENANT DYAS:

1 Lieutenant Dyas with the Sheriff's Office.

2 The very minimum has kept us busy for a couple weeks there about these  
3 areas. You're talking about things that are on surface. When they do find some  
4 things, then we go out and help them take care of it.

5 When they're gone, we're still here. So if something is on the surface, if  
6 you find something, we respond and take care of it right then.

7 In other words, you might --- we might take it off the property, which we  
8 have gone to some of their calls because they called us on it, or we might just  
9 do it right there, depending on the area and depending on where it's at, so ---  
10 and depending on what it is, but we have, with the help of them, trained us to be  
11 better than we were before on how to deal with what's been found out there,  
12 and so we do take care of that, and that's about where we're at right now.

13 BY MR. BOONE:

14 And it is worth saying for the new folks here that, if you come across  
15 something that you suspect is a munitions, then you shouldn't pick it up and  
16 handle it.

17 You should remove yourself and you call 911, and Lieutenant Dyas will pay  
18 you a visit.

19 BY LIEUTENANT DYAS:

20 We have --- we have a bomb tech that's on call 24/7, seven days a week,  
21 so if you have something, he can come out.

22 BY MR. GIBSON:

23 They'll do like, I heard somebody say the other day who grew up as a kid  
24 in the Camp Croft area shortly after it had closed and so forth, and he said,  
25 they found grenades and they tossed them around for two or three years

1 before they finally lost it. Yeah, obviously, they're training grenades, but then  
2 they didn't know that when they first picked it up.

3 BY LIEUTENANT DYAS:

4 We found training grenades with plastic caps still them. Those plastic  
5 caps are still live, so it will take your hand off.

6 BY MR. MOON:

7 I think it's time to move on as Old Business, the RAB New Business  
8 Topics.

9 (NO RESPONSE)

10 BY MR. MCMILLAN:

11 I make a motion we adjourn.

12 BY MR. MOON:

13 Second?

14 BY MR. GIBSON:

15 Second.

16 BY MR. BOONE:

17 Thanks for coming. Appreciate it.

18 (MEETING CONCLUDED AT 7:34 P.M.)

19





**US Army Corps  
of Engineers®**



**Restoration Advisory Board  
May 22, 2012  
6:30 PM**

**Spartanburg Marriott at Renaissance Park  
Spartanburg, South Carolina**

### **Meeting Agenda**

Welcome .....John Moon, Community Co-Chair

New Business

Election of Community Co-Chair

Remedial Investigation/Feasibility Study Update ... US Army Corps of Engineers  
Rights-of-Entry  
Project Update  
Schedule

Sheriff's Department Munitions Responses ..... Lt. Dyas

Old Business

RAB New Business Topics

Adjourn

*Your attendance and participation are encouraged for the success of this important project!*

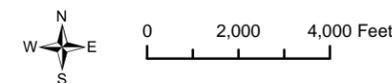
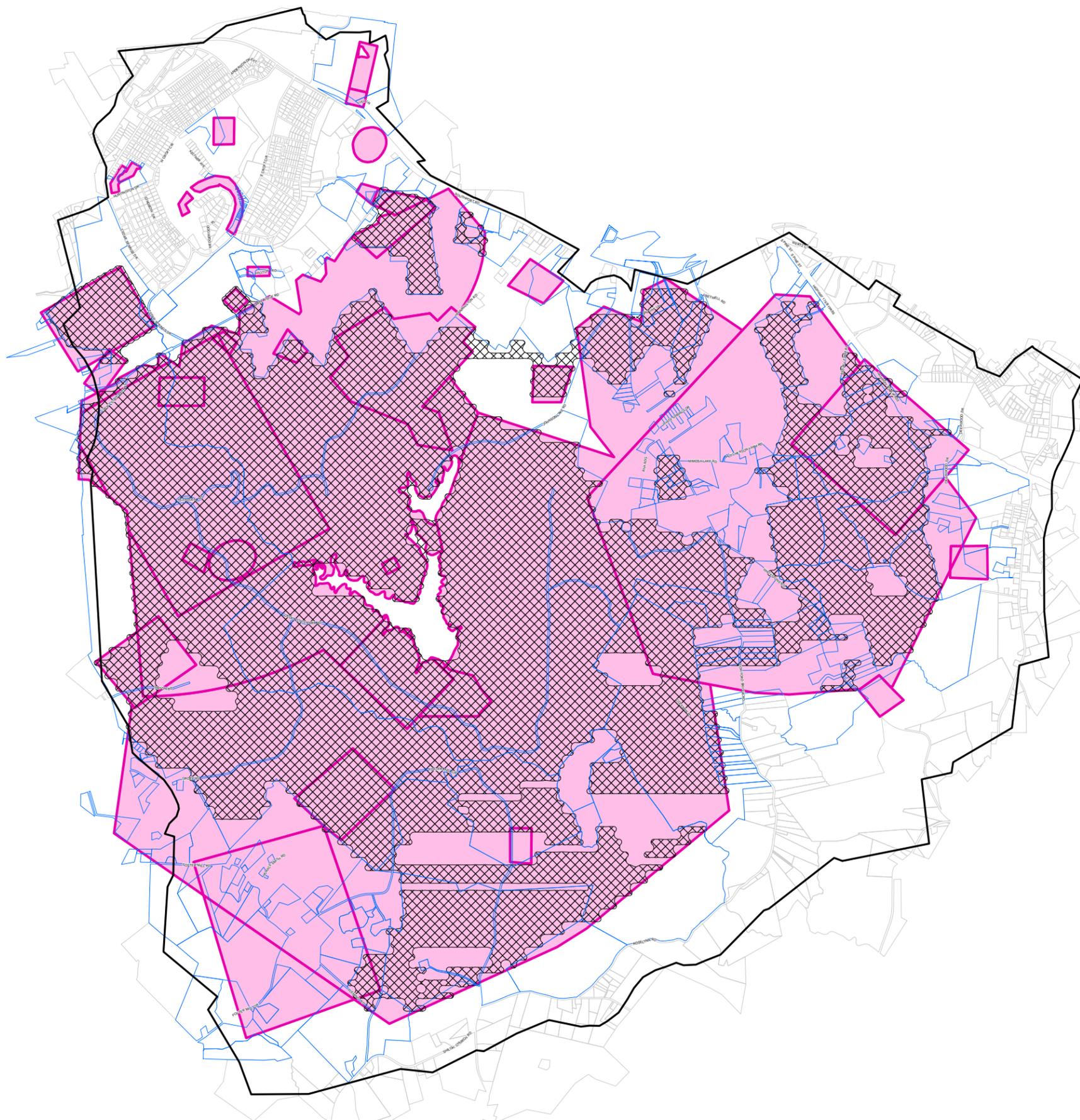
Reminder: Comments/questions shall be limited to two minutes on topic of discussion.

**Please note the new website address of [www.campcroft.net](http://www.campcroft.net).**

Investigation Status  
Former Camp Croft RI/FS  
Spartanburg, SC

Project Number	Date	Exhibit
00017	MAY 2012	N/A

- KEY**
-  FUDS Boundary
  -  Parcel Boundary (in Investigation Area)
  -  Parcel Boundary
  -  Areas Investigated
  -  Investigation Areas



**Source(s)**  
USAESCH, USGS

**Projection**  
UTM Zone 17 North, NAD83

**Note(s)**  
Engineering scale may only be  
accurate on a map size of 11 x 17

Checked By	Engineering Scale	Drawn By
JES	1" = 4,000'	ATD



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