

CAMP CROFT RESTORATION ADVISORY BOARD MEETING

PLACE: Marriott Renaissance Hotel
Spartanburg, South Carolina

DATE AND TIME: Tuesday, June 25, 2013
6:30 p.m. to 7:25 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

Jen Dottorelli
Arcadis
30 Patewood Drive
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PIKA-PIRNIE, Joint Venture

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

BOARD MEMBERS

PRESENT:

John Moon
Jimmy Tobias
Paul Savko
Gary Hayes
Donald Gibson
William B. Littlejohn, Jr.

BOARD MEMBERS

NOT PRESENT:

James Herzog
Rebecca Hawkins
Hugh McMillan

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1 BY MR. MOON:

2 We're going to go ahead and get started this evening. I want to welcome
3 everybody to the Restoration Advisory Board Meeting. This is the 25th
4 day of June 2013. We have some new folks on the board, but I don't think
5 everybody is here who are supposed to be here.

6 BY MR. BOONE:

7 We have one new member that wasn't on the board for the last cycle. Her
8 name is Rebecca Hawkins. But she's not here, it could be the weather
9 held her up or...

10 BY MR. MOON:

11 All right. I know it's a new thing. I'm John Moon, Community co-chair.
12 It seems like, again, nice folks.

13 BY UNKNOWN SPEAKER:

14 I second that.

15 BY MR. MOON:

16 That being said, we'll go ahead, unless anybody's got an objection, we'll
17 go ahead and get started with new business. And we want to thank you
18 with a RAB Certification [sic] of Appreciation and new RAB
19 introductions by the Army Corp of Engineers.

20 BY MR. BOONE:

21 For those of you who don't come to these meetings often, or ever, for that
22 matter, my name is Shawn Boone. I worked for the Army Corps of
23 Engineers. I'm the project manager for this --

24 BY UNKNOWN SPEAKER:

25 Hey, how you doing?

1 BY MR. BOONE:

2 -- our office is out of Charleston, so not being local, we lean a little bit --
3 pretty heavily, actually, on the local board here to keep their ear to the
4 ground about issues and get our word out about the project, things like
5 that. So they volunteer for a two-year term. Most of these guys have
6 been on here for longer than that. And we just recently ended a two-year
7 term, and luckily for us, everybody else that's here signed up for another
8 two years.

9 But we want to recognize what they've done for the last two years,
10 so our commander, Lt. Col. Chamberlain, has signed some certificates of
11 appreciation. So I'd just like to read the words on here. And then I'll
12 give them to the specific recipient.

13 It says, A Certificate of Appreciation, Camp Croft Restoration
14 Advisory Board. This one happens to be for Mr. Hugh McMillan. Mr.
15 McMillan has continually shown dedication and support of the US Army
16 Corps of Engineers, Charleston District's formerly use of --- site program
17 by sitting on the Former Camp Croft Restoration Advisory Board from
18 January 2011 to June 2013. Beyond facilitating DOD's clean-up program
19 at this site by increasing community awareness and support of the
20 program, acted as a sounding board for government decisions, and insures
21 clean ups were responsive to community needs. Most importantly, he has
22 provided opportunities for community involvement and input. He has
23 proven himself time and again to be a valuable asset to the Spartanburg
24 community, the state of South Carolina, and the United States Corps of
25 Engineers. Signed, Edward P. Chamberlain, Lieutenant Colonel

1 Commander.

2 I don't see Mr. McMillan tonight, so I'll hold onto this. And of
3 course, Mr. Tobias.

4 BY MR. TOBIAS:

5 Thank you very much, sir.

6 BY MR. BOONE:

7 And Mr. Savko. These are in no particular order, so...

8 BY MR. SAVKO:

9 What Shawn was really saying about the members up here is that he's kind
10 of stuck with us.

11 BY MR. BOONE:

12 Mr. John Moon, who has been our community co-chair now for --

13 BY MR. MOON:

14 Forever.

15 BY MR. BOONE:

16 It seems like that, doesn't it?

17 Mr. William Bubba Littlejohn. Thank you, sir.

18 BY MR. LITTLEJOHN:

19 Thank you, sir, I appreciate it.

20 BY MR. BOONE:

21 And Mr. James Herzog; I don't see him.

22 And Mr. Gary Hayes. Thank you, sir.

23 And I guess this one, last but not least, Mr. Gibson. Thank you, sir.

24 So like I said, the RAB is a pretty big part of this program. And so it's
25 not only required by law, but you know, we'd like to have this institution

1 in place to make sure that we're doing things the right way. And being
2 that we're not from here, these guys help us keep straight. It's probably
3 once a week that I get a phone call from somebody who lives in the
4 Spartanburg area that has talked to somebody on this board, and they've
5 convinced them to call me and give me a hard time, so I appreciate it very
6 much. Thank you.

7 BY MR. MOON:

8 All right, moving to Remedial Investigation/Feasibility Study Update. It's
9 Zapata, and the Army Corps of Engineers.

10 BY MR. BOONE:

11 So just to refresh everyone's memory, if you haven't been coming to these
12 meetings, we're doing this project under a law called CERCLA, the
13 Comprehensive Environmental Restoration, Compensation and Liabilities
14 Act. So, there's a specific process that we have that's been defined by
15 law. And in that process, we are performing what's called a remedial
16 investigation. So it's a very intensive study of the project as a whole, of
17 the history, and doing some scientific statistically significant sampling
18 and whatnot. So we're in the process of writing a draft report. And our
19 contractor for that effort is Zapata Engineering, and Jason Shiflet is here
20 to present where we are in that process, to give us an idea of the results,
21 preliminary results, anyway. Jason?

22 BY MR. SHIFLET:

23 Thank you. I'm going to sort of tuck myself down here, hopefully out of
24 the way, so that you guys can see the slide.

25 Okay, so maybe I'll stand over here, so at least you can see. Thanks

1 for having us tonight. What I'd like to say, to get us started, is that this
2 process that we've been through for the remedial investigation is lengthy,
3 a lot of field work involved. And then after all of the fieldwork is
4 involved, which was last summer, which ended last summer, there's a lot
5 of data crunching that has to happen in our office on our end before that
6 information is ready to share with the public. And so we have been
7 processing those data and generating our conclusions from this data.

8 And we have shared those preliminary results with the Corps. They
9 like to look at the results first, before anybody else sees it, to make sure
10 that we're not saying something crazy. But we're getting close to the
11 point where that information will be shared with a larger group of people.

12 So just a recap on the RI status, field work was completed last year.
13 As part of that process, we collected analytical -- or samples for
14 analytical laboratory work. And we've gotten those results back, those
15 have all been validated by a third party, so we're now comfortable with
16 those results. We've had a risk assessor look at those data. This risk
17 assessor has been involved with us since the onset of this project, so
18 they're very familiar with the site and what the results mean with respect
19 to the site. That risk assessment is complete.

20 And like I said, we have submitted this draft RI to the Corps of
21 Engineers for review. We've got feedback from them on that initial draft.
22 We've met internally with them to discuss their feedback, and some of the
23 changes they would like to see. And we're now in the process of
24 incorporating that feedback into what we call the draft final RI. That's
25 being developed right now, and the estimated delivery for that is early

1 July. When I say delivery, I mean from Zapata to the Corps of Engineers,
2 and then they distribute it from there.

3 So what I would like to present tonight is, as a reminder of where
4 we collected data, we can talk about how we collected those data. I'm
5 happy to take questions, if there are questions, and then I'll show
6 essentially a snapshot of the results of what we found. So we'll get to see
7 tonight for the first time some of what we found at this site.

8 Yes, sir.

9 BY MR. SAVKO:

10 You said you had a third party review.

11 BY MR. SHIFLET:

12 Uh-huh (indicates affirmative response).

13 BY MR. SAVKO:

14 Is that a third-party engineering outfit?

15 BY MR. SHIFLET:

16 You talking about for the analytical data?

17 BY MR. SAVKO:

18 Yes.

19 BY MR. SHIFLET:

20 Yeah, what -- it's a chemist who specializes in evaluating analytical data,
21 and they do that as a -- the reason we choose this third party person is
22 because they're independent from the project, they don't know anything
23 about it, they just look at the data and make a determination on valid it is.

24 BY MR. SAVKO:

25 So it's more statistical than engineering? They were looking at your

1 engineering data --

2 BY MR. SHIFLET:

3 Right.

4 BY MR. SAVKO:

5 -- statistically.

6 BY MR. SHIFLET:

7 Yeah, they don't care about the project at all, they just look at the

8 analytical data.

9 BY MR. SAVKO:

10 Thank you.

11 BY MR. SHIFLET:

12 Yeah. Okay, so this is going to be a little bit difficult to see, because the

13 site is so large. And we can go back and look at these slides later if

14 you're interested.

15 But as a reminder, there are numerous MRS's at this site, and what
16 we called areas of potential interest. And within those areas, we collected
17 data in a couple of different ways. We established transects across these
18 areas. We used that transect data, which are either visual observation or
19 geophysical data to help us establish where we want to look more
20 specifically within grids, and then eventually where we wanted to collect
21 analytical samples.

22 So what the next five slides are meant to indicate, are essentially
23 where we collected data. So you'll see lines on the map, in some cases
24 they're red, in some cases, they're blue. But what I'd like you to imagine
25 is where you see a line like that, we've had boots on the ground, on that

1 line, across those areas. And then, you'll note there are tan areas that are
2 shaded tan. Those are parcels where we did not get rights of entry and
3 were not able to investigate. So do you understand what that means?

4 Jeff, if you want to run, maybe, through the next slide.

5 Just to familiarize yourself with where we are, you can see the two
6 lakes in the lower right part of the image.

7 Again, the difference in the colors, I'll explain, the blue lines
8 indicate areas where we collected mag-and-dig data, which basically
9 means we had metal detectors with us, we walked this transect line, and
10 we dug what we encountered along the transect.

11 The red lines are areas where we collected visual observation data.
12 We looked for evidence on the surface, and if there were any items on the
13 surface. And we used our metal detectors to count anomalies, but we did
14 not intrusively investigate those anomalies. Those recon transects, as we
15 call them, were placed in areas that we have little reason to believe we
16 would actually find MEC or MD. So they were sort of strategically
17 placed.

18 BY MR. SAVKO:

19 Okay, thank you.

20 BY MR. HAYES:

21 Now, this, the RI is mainly south of Dairy Ridge Road?

22 BY MR. SHIFLET:

23 The majority of the investigation was south of Dairy Ridge Road, because
24 that's where the ranges were. But last --

25 BY MR. HAYES:

1 Okay, the previous map showed some outside this. So there were some...

2 BY MR. SHIFLET:

3 Right. If you want to go back, Jeff, to the first one.

4 Yeah, so you can see --

5 BY MR. HAYES:

6 Those yellow ones over there? They were part of the --

7 BY MR. SHIFLET:

8 Right. There were some investigations north of -- northwest of Dairy

9 Ridge Road.

10 BY MR. HAYES:

11 The Kohler Company up there.

12 BY MR. SHIFLET:

13 Right, the Kohler Company is the area that, at the far north, where we did

14 recon transects. You can see those in red.

15 BY MR. HAYES:

16 And there's a circle up under Kohler. Is that where the time-criticals --

17 BY MR. BOONE:

18 No.

19 BY MR. SHIFLET:

20 Not exactly. The circle right underneath the Kohler property, right here
21 (indicating), is MRS 2, and that's associated with a grenade corps, and we
22 did not -- we essentially didn't have access to any of that area. It was a
23 small area that we did have access to, we investigated. But for the most
24 part, we couldn't access that area. The time-critical is down here
25 (indicating).

1 BY MR. HAYES:

2 Okay.

3 BY MR. SHIFLET:

4 But you can see up on here, the Wedgewood community and the golf
5 course around Wedgewood community where we had limited access.

6 Okay, I think we've covered this one. You can go to the next one.

7 This is east of the state natural area. Not much to highlight here,
8 really.

9 This is the southern part of the state natural area, and south of that.

10 And the last one. The reason that it's broken up this way, frankly,
11 is because we had to include this in a report, and it's really hard to have a
12 lot of big maps in a report, so we broke it up into chunks that were
13 manageable. So it just happened to be this way.

14 Okay, so Jeff, if you want to go to the next one. Now, this,
15 admittedly, is difficult to see, again, because of the scale of the site. But
16 there is some take-home information that we can gather from these next
17 five figures. And basically, what I want to point out is where we found
18 various items. It's going to be a little bit difficult to see, but there are, in
19 between the areas that are shaded tan here (indicating), you'll see areas
20 that are either a darker green, or a lighter yellow. The shading associated
21 with those two areas are meant to reflect anomaly density. And you'll see
22 this better on another slide. But basically, we take all of the information,
23 we put this into our GIS system, and we let the data tell us where we have
24 concentrated areas of MD, or anomalies, frankly. In some cases, it's not
25 MD.

1 And so, again, it will become more apparent on the next slide, and
2 it will be a little bit easier to see. But before we move past this slide, you
3 can see, based on our preliminary work, why we designated this as a time-
4 critical area. Because as we walked these transects, we were discovering
5 lots and lots of MD and MEC. And that raised our awareness. We took
6 that to the Corps, and everyone agreed that it was time to respond to that
7 area.

8 BY MR. HAYES:

9 What is that over there on the bottom left?

10 BY MR. SHIFLET:

11 Versus other parcels where the items were more hit and miss. We sort of
12 found some stuff in some places, and not in others, kind of scattered
13 about. And we can talk about that on the next slide, too. But again, I
14 have maps that we can talk about and look at a little more closely.

15 But the symbols are color coded to indicate what was found, and
16 whether or not it was a MEC item or explosive item. I'll just tell you, if
17 it's red like these are right here (indicating), that's a MEC item. That's
18 something that has an explosive hazard to it. If it's not red, like the
19 orange and the blue and the yellow on the other side of the pink, then it
20 was not a MEC item, but rather, an MD, which doesn't have an immediate
21 explosive hazard.

22 So, Jeff, next slide. This is a good example to explain what I mean
23 when I talk about concentrated anomalies. So let's focus first on the
24 darker green. There are two shades because we wanted them to be distinct
25 in the reports. It'd be easy to confuse the two, because the data were

1 collected separately, and differently.

2 But let's focus first on the darker green area. This is within -- the
3 majority of this is within the state natural area, and you can see, there are
4 a couple areas where the MD density appears to be higher. So I'm
5 thinking this area here (indicating) is one, and then, this area over here
6 (indicating) where the park entrance is, is another. Versus an area like
7 this (indicating), where we basically didn't find anything.

8 And then, in terms of number or density of MD discovered along
9 the transects, you can see that coincident with these symbols, there's sort
10 of a bright red area right here (indicating). And that, to us, and is meant
11 to indicate that there are much higher concentrations of MD, and in some
12 cases, again, with the red symbols, MEC. So explosive items were found
13 in that area.

14 For the lighter shaded area, the hot spots, if you want to call them
15 that, are in red. So they're kind of scattered over here (indicating). You
16 can see there's not much right here (indicating).

17 And I'll just say one thing to keep in mind, is that particularly in
18 these areas that are far to the south and southeast of the firing lines,
19 which were along Dairy Ridge Road, a lot of these type anomaly
20 densities, I'd say most times, they were cultural in nature to some sort of
21 structure, you know, old structure there, a bunch of nails in fences and
22 that sort of thing, and not MEC, not Department of Defense-related
23 munitions items.

24 This (indicating) is east of the state natural area. Again, all this is,
25 the darker shade green meaning that we did a mag-and-dig in this area,

1 with the exception of a small area right here (indicating). You'll see that
2 the shading changes here (indicating). And the reason is that while we
3 were collecting data along these transects, these guys that are in the field
4 and doing this work, they have their instruments with them, and they are
5 supposed to dig every item that they encounter. And the concentrations of
6 MD were so high there, that we couldn't make progress. We were
7 spending days and days in a one meter transect, and might only get 30
8 feet. And all we were digging were little pieces of frag, you know,
9 everywhere. It was just taking entirely too long. And so, remembering
10 that the point of this investigation is to characterize the nature and extent
11 of potential MEC and MD contamination, we had a conversation with the
12 project stakeholders, the Corps, and the state, and they allowed us to
13 switch our investigation type in that area from mag-and-dig to recon. So
14 we were able to then go and just count the number of anomalies. We
15 knew what we were finding in those areas, it made no sense to continue to
16 dig pieces, small pieces of metal out of the ground, when we knew what
17 was there anyway.

18 But, the take-home message is, particularly for that area, there's a
19 lot of MD there.

20 BY MR. HAYES:

21 Is that Henningston Road?

22 BY MR. SHIFLET:

23 No, Henningston Road is up here (indicating). So this is, there's the
24 Redenville (phonetic) landfill area is right out here (indicating). So I
25 think that's the real lessons there. Interestingly, however, there have been

1 some clearances in that area before, where live MEC items were
2 encountered and taken care of. But during our work, we did not find --
3 we actually didn't find a MEC item in that area, which was surprising to
4 me. Because I think they're possibly there, based on the amount of MD.

5 The other interesting thing to note is that we found items in this
6 area (indicating). As a reminder, this outline that you see here in blue
7 that goes around, it's kind of this funky shape here, the firing point was
8 up at the north. And this was Combat Range 15. And the only
9 documented use of Combat Range 15 was small arms. But we're finding a
10 lot of other stuff in weird places, like down here at the very southern
11 boundary of Combat Range 15. The Corps takes that information into
12 account when we look at how we're going to proceed, how they're going to
13 proceed with any kind of future activity.

14 BY MR. HAYES:

15 What road is that on there?

16 BY MR. SHIFLET:

17 Whitestone. This is Whitestone right here (indicating). And then only
18 because I don't remember the name of the road. But I think Whitestone
19 continues on, and then there's another road that splits off, and I just, I
20 don't remember the name of it off the top of my head. Or maybe
21 Whitestone actually comes this way (indicating), and that turns into
22 another road, but --

23 BY DAN MOORE:

24 Cow Ford Bridge.

25 BY MR. SHIFLET:

1 What is it?

2 BY DAN MOORE:

3 Cow Ford Bridge Road.

4 BY MR. SHIFLET:

5 That's it, yeah. Thank you. Over to the left, that's the one going straight
6 down, and then Whitestone keeps carrying on.

7 BY MR. SAVKO:

8 Keeps going this way.

9 BY MR. SHIFLET:

10 Yeah. Okay, next slide. This is south, the southern part and south of the
11 state natural area. You'll see, again, we see these bright red areas here
12 that indicate -- the only thing they indicate is an increased number of
13 anomalies that we detected. Not that we found munitions, but just more
14 anomalies. And they're generally, in our opinion, associated with,
15 frankly, development that's happened south of the park. There are a lot
16 more homes down here in this area than there are up in here (indicating),
17 obviously. And that's our interpretation of what we're seeing down here
18 (indicating), primarily because we also did not find any evidence on the
19 surface -- well, I shouldn't say any, because there are a couple oddballs.
20 But we didn't find much evidence of munitions used to the south.

21 Next slide. And then this last piece is just east of that area that we
22 just looked at, similar results.

23 Okay, next slide. So preliminary conclusions that we are able to
24 make are, in our opinion, the accessible areas, meaning areas that we
25 could investigate were characterized enough to be able to describe them

1 and define nature and extent. There are small areas where MEC and MD
2 contamination exists. And then there are large areas where there are
3 essentially minor impacts. We found very little evidence of munitions, or
4 even none, in some cases. And then, of the soil sampling that we did, we
5 basically didn't really find anything there, either. We collected some soil
6 samples around areas that were apparently shot at with small arms. And
7 those, you know, maybe had some questionable results. But at the end of
8 the day, we didn't really find much of any consequence in terms of MC
9 contamination.

10 Inaccessible areas where we did not have rights of entry were not
11 characterized at all. Can't say anything about those.

12 And one of the conclusions of the RI is that the Corps is going to
13 propose realignment of MRS's. Some -- recall that the MRS three, which
14 is essentially the southern part of the FUDS, which includes the state
15 natural area and lots of property to the east and south, that's one giant
16 MRS. And that will be likely subdivided into smaller MRS's, based on
17 what we found during our investigation.

18 And then, I just wanted to footnote that the RI has zero discussion
19 on remedial actions. That's not the point of the RI. That comes later in
20 following documents. So when you have an opportunity to look at the RI,
21 eventually, keep in mind that the purpose of the RI is to present the
22 findings from the investigation, and not to discuss potential remedial
23 actions.

24 And I think the next one is the time-critical, which Jeff is going to
25 talk about.

1 BY MR. BOONE:

2 Before we move on, does anybody have any questions about what we just
3 heard?

4 (No response)

5 BY MR. O'NEAL:

6 So based on what we've gleaned from Jason's group, when they came out
7 to do the RI, as we showed you, we found one area that was really
8 concentrated and could have a risk for explosives or whatever out there.
9 So that charged us to get another contract to do a removal action in order
10 to take care of those risks. And that's the piece that Jeffrey's going to be
11 talking about. And I'll let you go ahead, because I'm sure you've got
12 some pictures.

13 BY MR. SCHWALM:

14 All right. So the Corps decided that it would be good to do a time-critical
15 removal action on this fifty-acre area where they had been firing two
16 different kind of rockets, hand grenades were all out there, and some
17 booby trap type items were found on the site. So we got started on the
18 second of May, and we've been out there clearing ever since. We brush
19 cleared the area, and that took us about a week, week and a half.
20 Surveyed the area into 100 foot by 100 foot grids. Then began our
21 intrusive investigation around the 11th, 12th of May, somewhere in that
22 area. So we had 23 people doing an intrusive investigation out in the
23 field. And our progress through the -- that should have been the 21st of
24 June.

25 BY MR. SHIFLET:

1 Sorry. I'll take that.

2 BY MR. SCHWALM:

3 It's okay, I made up the slide. So as of last Friday, we completed 45 acres
4 of the clearance. And that's going across with our guys with the
5 magnetometers, similar to what we did in the RI, going across areas. And
6 we lay out roads, and we sweep in a methodical manner in 5-foot lanes
7 across the hundred by hundred foot grids. So the guys were just doing
8 that. And then throughout that, we destroyed 168 live, unexploded
9 ordinance items to date. And we removed about five tons of munitions
10 debris. That's rocket motors and pieces of rocket, pieces of grenade. And
11 then, we do expect to be completed -- that's June.

12 BY MR. SHIFLET:

13 Again, my fault.

14 BY MR. SCHWALM:

15 -- by this Friday. And that will include finishing the last -- I think we
16 have four or five -- we have about an acre and a quarter out there that
17 remains to be cleared. We'll probably complete that tomorrow. And then
18 we'll be conducting site restoration the last two days, picking up the
19 stakes and filling in any kind of holes, that kind of stuff, across the site to
20 restore the site.

21 So based on, as of last Friday, you see the -- we had the area
22 divided into five areas, which each area was about 10 acres. So the
23 bottom part there that's shaded in green was already accepted by the
24 government last week. And I received notice of three others today. So
25 the area to the -- on the right side there is the last area that remains to be

1 cleared. And within there, I have about, we have only about an acre and a
2 quarter that needs to be cleared. And we should have that completed
3 tomorrow.

4 Again, like Jason was showing, we marked where the UXO finds,
5 that we were finding. And it's an interesting pattern. We found, it looks
6 like three discreet target areas on the range. And the one target area --
7 again, it was almost impossible to get across. Even in a six inch
8 clearance, there's so much debris and -- munitions debris, and unexploded
9 ordinance across that site, and that's essentially the red area that you see
10 there. And then, it was just scattered. The area is in a valley, kind of a
11 bit of a valley, and most of the anomalies and our finds are down along
12 the valley, you know, where the creek -- along the creek that runs down
13 through the bottom of that property. So that's where we were at in a time-
14 critical removal action. And this was only to six inch clearance.

15 Yes, sir.

16 BY MR. GIBSON:

17 Is this the area behind Georgic Pacific and (inaudible)?

18 BY MR. SCHWALM:

19 I believe so. It's right on the Dairy Ridge Road, and just this side of
20 Southport.

21 BY MR. GIBSON:

22 Okay.

23 BY MR. SCHWALM:

24 I know there's a couple factories and whatnot.

25 BY MR. HAYES:

1 Is that Dairy Ridge Road over there on the left?

2 BY MR. SCHWALM:

3 Yes.

4 BY MR. HAYES:

5 Is that one tract of land, one owner, or several owners?

6 BY MR. SCHWALM:

7 That's one owner that owns that land.

8 BY MR. HAYES:

9 How much was the cost?

10 BY MR. SCHWALM:

11 I'm not sure of the total cost. I know what our cost is.

12 BY MR. HAYES:

13 What was the contract?

14 BY MR. SCHWALM:

15 It was about 1.1 million. And that includes all the project management
16 from the beginning. Work that 23 guys, the surveying, results, it includes
17 all that work. And also includes the final report. And the project
18 management that goes with that.

19 BY MR. HAYES:

20 But the part in the green, that'll be extra?

21 BY MR. SCHWALM:

22 No. that's already completed and accepted by the government.

23 BY MR. HAYES:

24 Oh, okay.

25 BY MR. SCHWALM:

1 That area right there (indicating).

2 BY MR. HAYES:

3 Is that as far as you think you need to go? Or does it take in --

4 BY MR. SCHWALM:

5 For right now, it's a time-critical removal action, and with the -- Spencer,
6 what we tried to accomplish or what the Corps needed accomplished, I
7 think that's within this area. As soon as we move away from this area
8 here and this area here (indicating), as soon as we move away, the
9 densities fall off within a very short distance. Within sometimes 50, 60
10 feet, you move away from those areas, the density just falls right away.

11 So we have found a couple of outliers, where I think they were
12 firing up here (indicating), you know, like any range. And you get some
13 skips and stuff that go downrange. And that would have been down here.
14 I think that's what we see, these two or three or four out here (indicating),
15 and here, up in this area (indicating). And they found one right, lying in
16 the road. That was actually outside the area. We took care of that. There
17 was a live rocket sitting there.

18 BY MR. HAYES:

19 Dirt road?

20 BY MR. SCHWALM:

21 Yes, all -- this all through, dirt roads in there.

22 BY MR. O'NEAL:

23 So if we go back to -- Jason, if we could pull back your slide number one.

24 Where we're seeing this concentrated area down here, this is exactly
25 the area that Jeff and these guys are clearing right now. There was so

1 much out there, we made a conscious decision that, you know, for risk and
2 safety of the public, that we need to do something right now about that.
3 So that's what caused us to have to do the time-critical removal action.

4 So if we go forward, back to Jeff's slide now. That's exactly this
5 footprint. The concentration areas are right on this area (indicating).

6 BY MR. HAYES:

7 What were you finding in there?

8 BY MR. SCHWALM:

9 2.36 inch rockets, M9 rifle grenades, and there's another version of a rifle
10 grenade where they put a Mk 2 hand grenade, it fits in a little clip on it.
11 And then that's fired downrange. And we found quite a few grenades that
12 were dudged. But those three things have remained ordinance items that
13 are found there. We found several small booby trap items, probably eight
14 or ten of them throughout that area. And they have a little trip thing and
15 a candle or something pops up. But they were the training versions, so
16 I'm not sure exactly what was going to pop out, because there were
17 several different versions, and they were all MD. There was nothing live
18 associated with those. But we have found 168 live items, grenades, M9
19 rifle grenades, and 2.36 inch rockets, which were the initial bazooka
20 rounds during World War II.

21 BY MR. O'NEAL:

22 So essentially, this works out as a back-check for us. Because
23 historically, we said it was there. The community said it was there.
24 Jason went out with his group, they located it, said it was there. Then we
25 removed it based on Jeff's people going out and digging it up. So it sort

1 of back-checked itself, you know, all the way through our process. Now,
2 there are some areas that aren't as littered as these, which, on the other
3 end, after we get RI, which gives us the evidence, and the evidence tells
4 us, okay, what the feasibility is, plus getting it out of there, some other
5 documents, later, we'll find some other areas that we'll have to make a
6 decision on if we're going to remove those areas provided we get rights of
7 entry, and then we'll move forward. So you'll pretty much see the same
8 sort of scenario again. You know, we'll be proving exactly what history,
9 what we need, and what our findings, who knows?

10 BY MR. HAYES:

11 Is this area more saturated with UXO's than the Henningston Road area?

12 BY MR. BOONE:

13 That's why we decided to pull this out and do this removal early, because
14 --

15 BY MR. BOONE:

16 Yes. We've taken this area, not completely out of the regular CERCLA
17 process, but we decided to do an action in the shorter timeframe rather
18 than follow through to the end. And this will, now that we have all this
19 other information we've looked at, with all of this, with the entire project,
20 and the final remedy will be discussed. So based on what we know about
21 it even now, we'll go back into the discussion about whether we need to
22 do further removals at this site.

23 BY MR HAYES:

24 So if they're found, will there be a ranking as to the most saturated area
25 down to least saturated, or top 10 or something like that?

1 BY MR. BOONE:

2 Well, remember, the purpose of the RI was nature and extent. We looked
3 at the entire FUDS to try to get a picture of what all was out there. Now
4 that we have the evidence, we want to focus our efforts on those areas that
5 we found, that we think there's a hazard. Once we focus, then we decide
6 on what the priorities, what the hazard ranking is. There's a big, long
7 checklist form that we do that ranks them, yes, by hazard, gives them a
8 ranking score.

9 BY MR. HAYES:

10 Will that probably be ready by the next meeting?

11 BY MR. SHIFLET:

12 I mean, it will be in draft final form.

13 BY MR. BOONE:

14 Well, the final version of this report will be a public document. Whether
15 we've got to that point by the next meeting, likely not. Because it has to
16 go to an office called the Center of Expertise in Huntsville, where a lot of
17 UXO type guys look at the evidence, and verify that what's been done is
18 valid, and our conclusions are following the policy, things like that. So
19 it's a pretty thorough check, even beyond what can be seen here.

20 BY SUSAN BYRD:

21 Susan Byrd; I have a question. The 168 live, did you, were you able to
22 stockpile them to a location, or did you have to remain in place, detonate
23 them in place, or --

24 BY MR. SCHWALM:

25 Most of them were found in very small, discreet areas. So we dealt with

1 them -- we did some consolidation. But if they were the way outliers, we
2 could take care of those out where they're at. But in the -- like, at that
3 one red area right there (indicating), we were consolidating them in small
4 areas -- you know, a small area. So, you know, we can't blow up a lot at
5 one time, or at any given shot, so that -- because of the restrictions of
6 blast and those kind of things. So there was a lot -- I mean, we used a lot
7 of explosives. We found a lot that needed to be demilled also. So we
8 blew up -- although there was 168 items that were live, that we
9 determined, there was probably three or four times that amount that were
10 intact rockets or intact items that we could not tell whether they were live
11 or not. So they were explosively demilled, also. So there was quite a bit
12 of activity on this site, getting rid of stuff. John called me one day, some
13 of his campers were concerned.

14 BY MR. MOON:

15 Well, it shook the ground when y'all --

16 BY MR. SCHWALM:

17 It sounds like that, when the deck cord is on a surface, it really gives a
18 good crash. And depending on the atmospheric conditions, it makes a lot
19 of noise.

20 Does that answer your questions?

21 BY SUSAN BYRD:

22 Yes. Do you guys have a county (inaudible)?

23 BY MR. SCHWALM:

24 We work with them on all of the actions.

25 BY MR. BOONE:

1 Thank you.

2 BY MR. MOON:

3 Any other questions regarding those two topics that we just went through?

4 (No response)

5 BY MR. MOON:

6 Is there any old business that we need to address or move?

7 (No response)

8 All right, the next section of topic of new business with RAB is kind of,
9 it's more or less about Croft State Park. One of the things that we will be
10 doing, we've been working on, been working with Zapata, been working
11 with the Forestry Commission and our resource management section with
12 the Park Service, we're going to be doing a trial burn this winter in some
13 areas where we have some closed areas, closed areas with adjoining
14 neighbors. And it will give us an opportunity to kind of get some
15 separation from those homes, as well as park property for both park land
16 and as well as those folks that live in those housing developments. So
17 while a lot of this is going on -- there's about 50 acres there, on the south
18 side of the park. Folks may be familiar with the baseball field out on the
19 south side on Gibson Road just off 56, West Road to the -- to where the
20 landfill is located. And then, small sections, which we'll be trying to
21 work on this week doing some boundary lines and possibly some more fire
22 break lines over towards Foster Mill Road, in that end of the park. So a
23 lot of that would have been, you've seen on the map -- we don't have any
24 maps, but I wanted to put that in there because I didn't know if there were
25 going to be some questions. I know that Valerie Carter, who is here,

1 didn't have a lot to speak of that, but if you did have questions as you're
2 leaving this evening, if you've just got questions about prescribed burns,
3 the part that I can't answer, I know she'll be more than happy to help you
4 answer that. And also, I have, John is here with the Forestry Commission,
5 and he'd be more than happy as well to talk about some of the aspects of
6 Fire Wise, and the Fire Wise Program, and Fire Management, if you're
7 interested in those things.

8 But the biggest thing I put that in there for was just to kind of
9 enlighten everyone, that will be taking place. It's something we're doing,
10 and obviously, we'd love to educate more folks about it. So if it's
11 something you're going to be interested in, and where you live at, the
12 Forestry Commission will certainly give you some information on that. I
13 wanted to just let everybody know that if you've got any questions, you
14 can feel free to ask me, and once we're over, after the meeting, or if
15 you've got questions I can't answer, these two folks here will be more than
16 happy to help you answer as well. So that's what that is all about, there.

17 BY MR. DYAS:

18 John Dyas, County Sheriff's Office. You need to notify us to let us know
19 any time you're going to get ready to do --

20 BY MR. MOON:

21 Absolutely. Yeah, we're actually -- I think we're kind of timelining
22 October for, like, a community meeting, where it will be made public and
23 made known to the public. Looking to doing that around Glen Springs,
24 Pauline Fire Department. Now, don't quote me there, but that's probably
25 when we're trying to have it, so we can get the community involved and it

1 will be more of a straight up meeting just about that. Related to the
2 activity, smoke all that kind of stuff that will come with that. So yes, we
3 will --

4 BY MR. DYAS:

5 Okay.

6 BY MR. BOONE:

7 I don't see Lt. Dyas on the agenda. He's usually on there, but Lt. Dyas is
8 with the Sherriff Department and works pretty closely with the Corps and
9 our contractors to make sure that the disposing of all the ordinance and
10 frag in the proper manner. And of course, if someone were to come
11 across something in their property, they can call 911, and the Lieutenant
12 and his folks would come out and respond in emergency situations.

13 BY MR. MOON:

14 That's all I have. And I'll make a motion to adjourn.

15 BY MR. SAVKO:

16 Second the motion.

17 BY MR. MOON:

18 No questions. We're done.

19 (Meeting concluded at 7:25 p.m.)

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