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MEETING PROCEEDINGS

May 06, 2021

Camp Croft Restoration Advisory Board Meeting

REPORTER: Jane S. Wehunt

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CAMP CROFT RESTORATION ADVISORY BOARD MEETING

PLACE: Marriott Renaissance Hotel
Spartanburg, South Carolina

DATE AND TIME: Thursday, May 6, 2021
6:30 p.m. to 7:20 p.m.

REPRESENTATIVES: Ray Livermore
U.S. Army Corps of Engineers
Wilmington District

Tess Rottero
Senior Project Manager
USA Environmental, Inc.

BOARD MEMBERS PRESENT: Gary Hayes, Chairman
Col. John Gossett
James Herzog
Tim Ritter, Park Services
Col. John Gossett

1 MR. HAYES:

2 Hope everybody is doing good and pray for the
3 people we lost. It's been a tough time for everybody,
4 I know. We're going to get the meeting started. If
5 you have something to say, please raise your hand and
6 tell us your name. We're dictating the meeting. So
7 everything you talk about, please speak clearly and
8 speak up where we don't have to ask you what you said
9 and stuff like that. But this is the United States
10 Corps of Engineers Clean-up for Camp Croft State
11 -- Former Croft Military Base, and this is the
12 Restoration Advisory Board meeting, May 6, 2021.

13 Our New Business, I'm going to turn it over to
14 Ray. He's got the Camp Croft FUDS update.

15 MR. LIVERMORE:

16 I'd like to welcome everybody to the meeting. As
17 Gary had mentioned, we certainly are happy to hold
18 these meetings, again. It's been about, as we were
19 talking earlier, about 15 months, I think, since our
20 last meeting. So some sense of normalcy, we're ready
21 to get back to work. And as Gary had mentioned, we've
22 implemented or starting to implement the remedial
23 action for Camp Croft, formerly U.S. Defense Site
24 Project 07, which is the Croft State Park. And so we
25 mobilized to the field in January to start that work.

1 That work, primarily, consists of a combination of
2 using advance geophysical classifications for
3 subsurface clearance. And then, also, in addition to
4 DGM and some analog tools, depending on the terrain and
5 accessibility for certain areas, we're using a
6 combination of land use controls, which is public
7 education. We've talked about that with some of the
8 other remedies for the other projects. And that
9 consists of signage that has been installed and
10 brochures, educational brochures, on the potential to
11 encounter unexploded ordnance items. And, obviously,
12 what the protocol is, the three 3 Rs, as we say,
13 Recognize potential UXO items, Retreat from the area,
14 and then Report it to the local authorities and let
15 them handle it.

16 So looking through the presentation here, the
17 first page -- I figured it'd been a while since we had
18 met. We had said 15 months. So I wanted to include a
19 slide that illustrates the projects that were
20 identified from the remedial investigation and the
21 feasibility study. These projects were identified
22 needing further action, some type of clean-up, active
23 clean-up, like we're doing in Project 07, the Croft
24 State Park, or public education, which we have
25 implemented at Projects 03 and 05. That consisted of

1 signage that was installed and brochures that were also
2 produced for those projects.

3 So Projects 03 and 05, the remedy has been
4 implemented. We are in a process that's called five-
5 year reviews. So the party that implements the
6 remedial action where there's a potential for
7 unacceptable risk to still be at the site due to
8 potential items, hazards associated with that site
9 still remaining, we have to come back every five years
10 and re-evaluate the remedy and make sure that it's
11 protective of human health. And so we're in that
12 process now with Projects 03 and 05 where we will come
13 back every five years. We'll evaluate that remedy and
14 make changes if there's something that's needed to
15 address potential risks.

16 So Project 07 is the first project where we are
17 actively implementing the remedial action. And as I
18 indicated, that constitutes advanced geophysical
19 classification. It's 1,277 acres for the Croft State
20 Park, and as you can see on the figure here, it's the
21 light blue Project 07. If there's not any questions on
22 this slide for me, the RAB members, we can move over to
23 the second slide.

24 MR. HAYES:

25 Any questions?

1 [NO RESPONSE]

2 MR. LIVERMORE:

3 So the second slide here is Project 07. This in
4 order to implement the remedial action at Project 07
5 due to the funding requirements to actually implement
6 the remedy, we divided the Project 07 into subareas,
7 which we are addressing at intervals based on funding
8 availability and, obviously, contract availability as
9 well. So you can see the cross-hatched areas there on
10 the upper left of this figure. Subareas 1, 2, 4 and 6
11 are the areas where we are implementing the remedial
12 action at this time.

13 One thing I wanted to mention about this figure
14 as well is the Subarea 14. That is an area where we've
15 been coordinating with the Park Service. That is the
16 campground area where they have a lot of high use. And
17 so we've been coordinating with the park personnel to
18 identify the proper times to be able to, I guess,
19 eliminate or stop the reservations at the campsite to
20 be able to implement this remedial action, because it
21 requires evacuation of the site to be able to survey
22 and, obviously, excavate potential unexploded ordnance
23 items. So we've identified December as the time frame,
24 I guess, the tentative schedule, to start that effort.

25 We're currently working with the contractor to

1 identify what areas we will have to start and the
2 sequence as far as going forward to implement that
3 remedial action. And, obviously, with the park, we've
4 been working with Tim as far as stopping the
5 reservations for that area so we can implement that
6 sometime in the fall. And, obviously, that's a
7 tentative schedule. So that will continue to be firmed
8 up as we get closer to that time frame. They'll look
9 at that Subarea 14 as far as additional work in
10 Project 07.

11 So any questions or comments about this slide?

12 [NO RESPONSE]

13 And the next slide is just a picture of the APEX
14 equipment, the advanced geophysical classification.
15 This is an update through 30 April, so this is
16 information that we've received from Weston, our
17 contractor that is implementing the remedial action of
18 Project 07. So we can go ahead and flip through that.

19 And so this figure here, slide, shows the map on
20 the right. So in the green outline on the right is
21 Project 07. The black outline is the subareas that
22 we're addressing under the current contract. Again,
23 the subareas were created due to funding limitations.
24 So we anticipate once we have implemented the remedy
25 for the areas, subareas, inside the black boundary that

1 we will award additional task orders to complete the
2 other subareas within Project 07 boundary.

3 In regards to the progress to-date, "QA and QC
4 blind seeding on going," what that entails is, prior to
5 actively going out and using the geophysical equipment,
6 we have to do blind seeding. So that involves using,
7 what we call, ISO's, objects that are pipes that are
8 seeded blindly before the survey team goes out. And so
9 they're seeded in a plot of land, which we call an
10 instrument verification strip. And then they're also
11 seeded in the area where we're going to be clearing.
12 And so this is done blind to the survey team. And so
13 it's, basically, a QC check on the equipment and the
14 operators. So they have to find a 100 percent of these
15 items with the equipment. Again, it's a QC check on
16 the equipment and the operators to make sure that
17 everything is operating as intended and that they can
18 find these items.

19 Now, there's also a QC and QA. So Weston, the
20 contractor, does that for their party, for their own
21 survey team. Again, they're blindly seeding the area.
22 Their survey team has to find a 100 percent of these
23 items. And then a QA is done as well. And so we have
24 an independent third-party, another contractor,
25 Arcadis, that is involved. And so they are doing the

1 Q.A. on Weston. So they're, again, doing the blind
2 seed, and the survey team is required to find a 100
3 percent of these items to ensure that the equipment and
4 the operators are operating satisfactorily. And so
5 that's what that first bullet is indicating.

6 The second bullet, the Production --

7 MR. HAYES:

8 Do they get to know how many they've got to find?

9 MR. LIVERMORE:

10 Well, the survey team doesn't know.

11 MS. TABANO:

12 [Indicates affirmative response.]

13 MR. LIVERMORE:

14 I guess, Gretchen, they don't know that. So,
15 yeah. Gretchen Tabano, she's the project manager for
16 Weston, and so she has indicated that they don't know
17 the number of items that have been seeded in that area.

18 MS. TABANO:

19 No, there's a minimum number that they have, one
20 operator per equipment per day, but there's no maximum.
21 So there could be a 100 of them that they're going over
22 and have to find. Then we have a firewall plan with
23 set individuals who know the seed locations and numbers
24 and every other team member not knowing. I'm not
25 behind the firewall, for instance. So I'm not allowed

1 to know where they are. I only get to know after the
2 fact that they've found the seeds. We select people
3 from Weston that are allowed the information. And then
4 on the side, a separate USACE contractor, Arcadis, is
5 performing that work.

6 MR. HAYES:

7 Good, thank you.

8 MR. LIVERMORE:

9 And so the second bullet there is just -- the
10 AGC, again, that's the acronym for the Advanced
11 Geophysical Classification. And so that is the APEX
12 equipment that was on the previous slide, the wheeled
13 cart. And what that has, we'll see it tomorrow during
14 the demonstration visit, and they can, obviously,
15 probably describe it a little bit in more detail than I
16 can. But my knowledge of learning about this equipment
17 is, basically, it has sensors on the cart that it uses
18 electromagnetics that sends a signal in the subsurface
19 that provides polarization curves based on the signal
20 received back due to items in the subsurface. And so
21 they match that against the library of known items.
22 For instance, at this site we have found hand grenades
23 recently, mortars, things of that nature. And so in
24 our library, we have known figures of the polarization
25 VK curves, which they will match against what we find.

1 And that's how we will determine what items will be
2 excavated after this geophysical classification
3 equipment is used.

4 The third bullet there, the Park Service has --
5 we had a little bit of an incident inadvertently where
6 Homestead Site No. 1 was a historical site that was
7 inadvertently intruded on by the survey team, and some
8 items were, I guess, impacted at the site. And so we
9 have worked with the Park Service to produce a memo
10 that documented that issue. I believe we had -- SHPO
11 was involved with that as well, Gretchen, that will
12 look at that. A memo will be produced to SHPO to,
13 basically, document this issue and have a, I guess,
14 corrective action moving forward so this incident is
15 not conducted again. So I don't know. Tim, did you
16 have that from the Park Service? Did you have any
17 questions or concerns with what has transpired since
18 the memo has been --

19 MR. RITTER:

20 No. Our resource management team and our main
21 office in Columbia are the main ones that are looking
22 over that action that you guys have taken account for
23 that.

24 MR. HAYES:

25 Does the old home place have a name?

1 MR. RITTER:

2 Actually, I don't think we know exactly who was
3 at that particular one. Our kind of resident historian
4 that has a lot of knowledge about the different
5 homesites, I don't think he has a particular family
6 name that he knew of that was associated with that
7 homesite.

8 MS. TABANO:

9 There were two family names that came up that we
10 were able to get and did some research into. The area
11 was used for farming. Only those two families were
12 identified as possibilities of the families that lived
13 in that area in the 1800s, which is the time frame
14 we're talking about.

15 MR. HAYES:

16 You're talking about Stanley?

17 MR. RITTER:

18 Yes, Stanley, but, yeah. I think that's one of
19 the things they're doing that's helping us out.
20 They're helping to do some research to give the Park
21 Service more knowledge about the area.

22 MR. HAYES:

23 Anybody that knows, Stanley would know.

24 MR. RITTER:

25 Yeah.

1 MR. LIVERMORE:

2 And then the last bullet there is talking about
3 MEC items. And so, I guess for those folks that aren't
4 familiar, obviously, the Department of Defense, we use
5 plenty of acronyms. And so the MEC items are Munitions
6 and Explosives of Concern. So that's what we
7 classified that have an explosive hazard associated
8 with the item. And so we have discovered two MEC items
9 during the surface clearance.

10 And so the table below identifies the progress
11 that has been conducted to this point. And so as far
12 as the sequence of activities that have to occur, so
13 prior to any type of intrusive work, we're bringing in
14 the geophysical equipment. We have to do a surface
15 clearance of vegetation to be able to get the cart in
16 there. And you also have to be able to see the
17 surface. So, obviously, there's a potential explosive
18 hazard. So there's vegetation clearance that's
19 conducted.

20 You can see that's on the second one there as far
21 as the percent that has been done and then the surface
22 clearance. So what that entails is, basically, the UXO
23 personnel employees of the contractor that are out in
24 the field are using metal detectors that look like
25 Schonstedts, if you've seen them, you know, for

1 electrical companies as far as subsurface utilities is
2 where we use them. And so they're doing a surface
3 clearance of the area, again, prior to any kind of
4 activity happening to make sure that it is safe for any
5 subsequent personnel to be operating in that area. And
6 so during part of that surface clearance, they have
7 discovered two munitions and explosive concern items,
8 the MEC items. And we'll talk a little bit about
9 those. We've got some pictures later in the slides.

10 The AGC survey -- so this is actually bringing in
11 the geophysical cart, the equipment. And you can see
12 the progress that we had with that. Obviously, we're
13 just starting with the geophysical equipment, and then
14 you can see below where we have two items that have
15 been recovered as far as MEC items. And that's really
16 all that I have to touch on this slide. Any questions
17 on this slide?

18 MR. HAYES:

19 What type of MEC was it?

20 MR. LIVERMORE:

21 So we'll get into that on the next couple of
22 slides. They identify, specifically, what they are.

23 And so the next slide illustrates the geophysical
24 equipment. You can see on the bottom here, the bottom
25 left, that is the APEX. That's the unit that we have.

1 I don't know -- Gretchen, how many of the units, the
2 APEX units, do we have? I know I've seen on some of
3 your reports, maybe seven different units, I guess, at
4 the site?

5 MS. TABANO:

6 We are currently operating five units as five
7 separate teams starting today with four prior to today.
8 We have intentions of adding a sixth. So we're going
9 to have six total teams running, but we have eight
10 APEX's on site. So we have spares in case one breaks
11 or we have a power issue or something.

12 MR. LIVERMORE:

13 The upper left, again, geophysical equipment.
14 And so the acronym up there is SLAM. Gretchen and I
15 were talking about this before the briefing here, the
16 SLAM technology. So we are saying that we are having
17 some issues, I guess, with the RTS. Again, this is the
18 GPS for the Robotic Total Station, I think is what the
19 acronym is. And so we're starting to see some issues,
20 I guess, with signals as far as locating ourselves and
21 making sure that we have accuracy on the location of
22 the equipment.

23 And so we are looking at this other technology, I
24 think it was -- is it Simultaneous Location Mapping, is
25 that right, for the SLAM? I think that's what it is,

1 if I recall correctly from the memo. Paul's shaking
2 his head, so I think I must be right. So if there's
3 some -- I'm hearing from Gretchen that it has been kind
4 of effective, and it's something that we may be
5 transitioning to the site to help us as far as accuracy
6 and location to make sure that we are accurately
7 identifying our surveys, making sure that we are able
8 to complete the surveys within the boundaries of the
9 project, and also, obviously, able to accurately
10 identify where MEC items and items are being found
11 during the survey. So that's what that picture is
12 there.

13 The upper right is the Blind Seeds. So this is
14 what we talked about that, basically, pipes of
15 different sizes. During the seeding process, the blind
16 seeding process, they will bury these in a horizontal
17 or a vertical position. And, again, the survey teams
18 have to locate a 100 percent of these in order to pass
19 and be able to use the equipment at the site.

20 In the lower right, it's the surface clearance.
21 I mentioned the Schonstedt that the UXO techs are using
22 there to do the surface clearance for the site. So
23 that is it for that slide. Any questions on that
24 slide?

25 [NO RESPONSE]

1 MR. LIVERMORE:

2 So the next slide is the two MEC items that were
3 discovered. And so you can see on the lower left the
4 board information on what was found there, a M17A1
5 rifle grenade, signal flare. And then the one on the
6 right is a more recent one that we just found. It's a
7 Mark II hand grenade HE, High Explosive hand grenade.
8 So, obviously, these are munitions and explosives of
9 concern that have an explosive component to them.

10 And so I believe on the next figure we have the
11 actual locations of these where they were discovered as
12 shown on the map.

13 COL. GOSSETT:

14 Did you pull the pins?

15 MR. LIVERMORE:

16 Did I pull the pin? No. I was not there. They
17 won't let me near it. [Laughter] And so the next
18 slide, I like this figure here. It gives you an
19 indication of how we're progressing. Again, this is
20 the area that we have contracted. So on that previous
21 figure, it's the black area that has been contracted at
22 this point. And so you can see the different areas
23 where surface clearance has been conducted to-date, the
24 vegetation clearance, and then a combination of the
25 two. Obviously, the boundaries, then the MEC items, the

1 two MEC items, are indicated by the star symbol there
2 on the figure.

3 MR. HERZOG:

4 One of them was right on the side of the road?

5 MR. LIVERMORE:

6 Yes. So I don't know -- Gretchen, I don't know.
7 Do you have anything else? Were you on-site at all
8 when they found that? But that was my understanding, I
9 guess, of where it's located. It's right near the road
10 or right next to the road.

11 MS. TABANO:

12 Yeah, it looks like, by the sound of it, they
13 were traveling through the area. They were traveling
14 where there was going to be surface clearing. They're
15 constantly surveying the ground surface when they're
16 walking.

17 MR. LIVERMORE:

18 So that --

19 MR. HAYES:

20 So did they destroy them?

21 MR. LIVERMORE:

22 No. So they have -- we have a magazine that's
23 been installed on-site, and, obviously, there are many
24 requirements for that to be implemented on the site.
25 And so those are holding the two items at this time

1 until we -- I guess, Gretchen, maybe you can speak to
2 this a little bit, but we don't have explosives on-site
3 at this time. That's something, I guess --

4 MS. TABANO:

5 We do.

6 MR. LIVERMORE:

7 We do have explosives on site, okay. So now --
8 and this is probably just my not looking at the plan a
9 little bit more in detail, but I guess, are we looking
10 at maybe doing a consolidated shot or something like
11 that when the time is determined to be the right time
12 to detonate these items or --

13 MS. TABANO:

14 So we have a certain net explosive weight that is
15 allowed to be stored in that storage magazine, and
16 there's also compatibility issues. So as long as we
17 find items that can all be compatibly stored together
18 and they don't exceed the net explosive weight, then
19 we're going to delay the demolition until such a time
20 that it can be well laid out and schedule a day for
21 demolition. Whether they're consolidated into one
22 location or put in separate holes on that day would be
23 dependent on how much explosives are in the items being
24 demo'd.

25 So far the items identified have been relatively

1 small; one of them doesn't have explosive fillers. It
2 just has the fuse and the propellant in it. And so the
3 items found to-date can easily be detonated together,
4 but if we start finding a bunch of 81 millimeter items,
5 there can only be a certain amount that we would be
6 able to detonate at one time. But the plan is to store
7 them until detonation can be scheduled at a time when
8 it is convenient for the park. So we do less damage to
9 the environment and also less downtime for Croft State
10 Park. We have to close roads and make sure regarding
11 no persons come into the exclusion zones for safety
12 reasons. That's why we're doing it this way.

13 MR. HAYES:

14 Sheriff Chuck Wright's teams would be glad to
15 come out and help y'all with anything.

16 MS. TABANO:

17 We've been coordinating with them. They had our
18 detonation materials originally until our magazine was
19 set up. They've been very helpful. They get
20 detonation credits if they come out during our
21 detonations. So prior to every detonation, we will
22 make sure they are aware and may be able to give them
23 that opportunity.

24 MR. LIVERMORE:

25 So any other questions on this slide at all?

1 [NO RESPONSE]

2 MR. LIVERMORE:

3 And then the next slide is the AGC slide, and so
4 this is indicating the grids that have been started and
5 completed for the AGC survey. And, again, some of the
6 QC and QA seeding that has to be done prior to
7 implementing or using the AGC equipment on the
8 different grids. And so, obviously, on this slide as
9 we indicated on one of the previous slides as far as
10 the percentage, we're just now starting to bring the
11 AGC on the site and use that.

12 And that's all I have. Any other questions on
13 this particular slide here?

14 MR. HERZOG:

15 Yeah, one thing. This is a side item to it.
16 There are several cemeteries within the Croft Park.
17 And the proposition is more for the State Park. I know
18 one of them is still used, Lebanon. There's five
19 others there. It may be a side item that the State
20 Park could do something to mark these and I guess
21 publicize it so some people would know. There's one
22 not too far from my property and some Gary's, too.
23 Antioch, there's a lot of people buried there that are
24 family. And if anything could be done while all this
25 other work has been done, nothing other than putting a

1 sign up or something.

2 MR. LIVERMORE:

3 Now, I will say -- and, again, Gretchen can speak
4 to this. But I know during the preparation of the work
5 plan, there was a lot of coordination. We had
6 archeologists and a lot of individuals that work in
7 that arena that were involved as far as identifying
8 potential cemeteries that were either marked or
9 unmarked. And so there's been a lot of work to
10 identify that and to, obviously, address any concerns
11 as far as any type of survey or work that would be done
12 near or in those cemeteries.

13 MR. HERZOG:

14 For example, Antioch goes back into the 1800s,
15 early 1800s, on the backside of there, which you have
16 to look very closely to find them. There's slave
17 graves and all. Lebanon's got a little bit of
18 everything in it, but if you look on here, there's a
19 total of five I know. And it'd be sort of a travesty
20 if these were not at least kept identified.

21 MR. LIVERMORE:

22 Yeah, certainly.

23 MS. TABANO:

24 Just to expand on what Ray said, when we were
25 doing our work plan, we had to consult with the State

1 Historical Office, and the cemeteries were one of their
2 primary concerns. So they put a restriction on us that
3 if we're within 50 feet to the cemetery, we're not
4 allowed to do any tree-felling, and we're allowed to do
5 the geophysical surveys, but if the results indicate
6 something that could represent a MEC item, we will need
7 to coordinate with the State Historic Preservation
8 Office on how it will be removed. So that's going to
9 be done with a lot of sensitivity and care. We won't
10 be removing anything from the cemetery. I don't think
11 all five of the cemeteries in are Project 07, but I
12 think we've got at least three or four are considered
13 in Project 07. They've been identified, and those as
14 well as any potential others identified will be flagged
15 off, so we make sure teams don't accidentally go in
16 those areas. And then we're going to handle vegetation
17 clearance in them by hand very carefully afterwards.

18 MR. HERZOG:

19 I know everybody has their hands full, but
20 Antioch and all is sort of a mixed religious cemetery.
21 But at Lebanon just about everything is Methodist. If
22 something could be done from your side of it to help
23 mark, identify. People are always looking for
24 something to do, and one of the things is try to
25 restore some of those so that people can go there and

1 look.

2 MR. RITTER:

3 You mean kind of like an interpretive wayside,
4 not necessarily just marking it with --

5 MR. HERZOG:

6 Yeah.

7 MR. RITTER:

8 -- the name of the cemetery like we've done now,
9 but actually putting out interpretive waysides that
10 kind of teach people about the history of the families
11 that lived there and that are buried in the cemetery?

12 MR. HERZOG:

13 [Indicates affirmative response.]

14 MR. RITTER:

15 Yeah, that's something that as a park service
16 we're definitely looking to do. There's tons of
17 history across State Park, and, you know, it's one of
18 the largest State Parks in the state. So we're
19 constantly working with our resource management
20 department to try to get funding to get some new
21 exhibits made. So that is something that is definitely
22 on our list to get done.

23 MR. HAYES:

24 Lebanon, I think, has a berm all the way around
25 it, an eight-to-ten-foot berm where bullets were at the

1 tombstones. I believe the berm's all the way around
2 it. That's where they had a lot of live ammunition out
3 there practicing shooting and stuff, I think.

4 MR. HERZOG:

5 Where you take like Antioch --

6 MR. HAYES:

7 There's no boundary on that end.

8 MR. HERZOG:

9 -- you can't hardly get to it. You need a
10 bulldozer or an ATV or something, a helicopter to get
11 in there to it. And probably a lot of people in this
12 room has somebody buried there they don't know about if
13 you go back three generations, four generations. But
14 Fleming Cemetery is actively still used. Lebanon is
15 actively still used. And there may be some more that I
16 don't know about.

17 MR. RITTER:

18 The Lee Cemetery is also being used.

19 MR. HERZOG:

20 One of the things, if they were identified in
21 something, all of a sudden people gets interested in
22 restoring them. And somebody has to be the catalyst to
23 start it. So maybe while all this is going on,
24 something can be addressed to that effect.

25 MR. HAYES:

1 I know in Antioch my great-grandmother's grave,
2 somebody's gone in there and broke her tombstone in
3 half and just people going in there for meanness.
4 There's been stories of people going in there and doing
5 devil worship and stuff like that and trying to dig
6 people up. And I've heard all kind of stories in what
7 people might do up at some of those old graves.

8 MR. RITTER:

9 We had a lot of problems at the Antioch Cemetery
10 with people throwing mud up there and just beer cans
11 all over the place and doing things they shouldn't be
12 doing up there. So I know about a year-and-a-half or
13 so ago, we put up a new gate up there, and we had to
14 re-do the existing gate, also. So far it seems like
15 they're not going in there anymore, but --

16 MR. HAYES:

17 I called y'all about a month or so ago --

18 MR. RITTER:

19 Fix the gate.

20 MR. HAYES:

21 -- y'all had to fix the gate, yeah.

22 MR. RITTER:

23 They had broken the gate open.

24 MR. HAYES:

25 But they went through -- the same people who did

1 it went through almost every other gate along that road
2 and did something to the locks on the gate.

3 MR. RITTER:

4 Yeah.

5 MR. HERZOG:

6 For example, Lebanon, Gary and I both have a
7 great-grandmother there, and Antioch I have three
8 greats back there, and you don't -- when our generation
9 is gone, there's not anybody going to know these things
10 unless families can some way or another get access to
11 start getting in there, and all of a sudden they start
12 finding out things. There's a lot of geology research
13 been going on now, and it'd be a plus for the State
14 Park publicity to start and identify some of them and
15 get volunteer groups coming in.

16 MR. RITTER:

17 I know a few of our priority cemeteries that I
18 think need the most help right now are the Antioch
19 Cemetery and the Oeland Cemetery. Those are two that
20 -- the Oeland Cemetery is out in the middle of our
21 Southside Trail System off of the Center Line Trail,
22 and that one we've been working with -- actually one of
23 our park services historian drives all the way from
24 Charleston to help us with that and to do documentation
25 and research on it and to try to help us be able to

1 restore those. And the Antioch Cemetery is probably
2 the other one. Those are the main two that are on the
3 list to get some work done.

4 MR. HAYES:

5 I'll have to take you out. There's a standalone
6 grave out close to the rifle range. I'll have to take
7 you. It was --

8 MR. RITTER:

9 Is it near the Southside Park?

10 MR. HAYES:

11 No. It's over there close to the rifle range.
12 It's dated back to like the Alamo, but I'll have to
13 take you there and show you. It's very unique to have
14 one standalone out in the woods. But like we said, you
15 keep finding things that are there that if research and
16 everything is very knowledgeable, a lot of people would
17 like to understand what's going on with some of that
18 stuff.

19 COL. GOSSETT:

20 Question. Are all these cemeteries within the
21 park plan or in the general Camp Croft area?

22 MR. HERZOG:

23 In the general Camp Croft area.

24 COL. GOSSETT:

25 Because there could be some out here --

1 MR. HERZOG:

2 Antioch is over on my side. Lebanon is over on
3 the White Stone side. Lee Cemetery, which is actively
4 being used, is up towards Highway 215, which is sort of
5 to the northwest. Just recently two people from my
6 community were buried in Fleming Cemetery. I'm not
7 advocating for the State Park to go clean up the
8 cemetery, but to identify and make access to them
9 available hoping that maybe some volunteer group or
10 churches or whatever would become more active in it,
11 particularly after all of us are gone. Somebody's
12 going to wake up and say where was my great-great
13 grandmother or granddad, you know ...

14 Now, this is personal. One of the things that my
15 mother did when I was getting married, she took my
16 future wife and went to all the -- Lebanon
17 particularly, and said here's my mother, here's my
18 sister two generations back. And so that helped pass
19 it on. And I'm not advocating somebody else ought to
20 do that, but it is something as you get older you stop
21 and think about. Where is my heir? Where did I come
22 from? Who are they and et cetera?

23 MR. RITTER:

24 I know that's something Stanley Bishop's working
25 on, too, that's kind of our volunteer historian at the

1 park. He's just constantly going out and trying to get
2 more information about the homesites and the cemeteries
3 and trying to really figure out -- there were so many
4 families that lived on property that's now Croft State
5 Park, and there's so much history at the park.

6 MR. HERZOG:

7 Well, another thing you do is that you get more
8 people visiting the park, too.

9 MR. HAYES:

10 I've got some maps that were made by Harwood Bebe
11 Engineers. The Army got Harwood Bebe to go in and
12 survey everybody's property before the Army bought
13 their property for the camp, and I've got a map that
14 shows everybody's property. So it might be one way to
15 identify who lived where.

16 MR. RITTER:

17 I wonder if that's similar to the one that they
18 were doing when they were doing the research for
19 Homestead One. They had a couple of different ones, I
20 think, that they were using to try to identify all the
21 different -- you know, where the families actually
22 lived to figure out which homesite goes to which
23 family.

24 MR. HERZOG:

25 Well, just about everything on the Southeast side

1 I can tell you who it was.

2 MR. RITTER:

3 Okay. We might have to see if you're interested
4 in talking with Al Hester, who's kind of over -- he's
5 the head historian for the park service. He's recently
6 talked with Family Bishop and kind of shared some
7 information with each other. I'm sure he'd enjoy
8 talking to you guys, too.

9 MR. LIVERMORE:

10 Well, as far as the new business, Gary, the only
11 other thing I wanted to mention was as far as the
12 demonstration. It's tomorrow, and we're going to do it
13 at the Twin Oaks picnic area.

14 MR. HAYES:

15 Well, let's go ahead and announce it. We're
16 going to have an open-to-the-public demonstration of
17 the clean-up.

18 MR. LIVERMORE:

19 Well, this the AGC equipment. So the equipment
20 that we've been talking about tonight, the Advanced
21 Geophysical Classification equipment, we're going to do
22 that tomorrow at eight o'clock at the Twin Oaks Picnic
23 area. And, again, just a presentation so folks are
24 familiar and can see what we've been talking about and
25 see it in person. And so, again, that's at the Twin

1 Oaks picnic area. So that'll be tomorrow at 8:00.

2 MR. HAYES:

3 Twin Oaks will be on your left as you go through
4 the main road on down, but you'll see a "V" in the
5 picnic tables and stuff on your left.

6 MR. LIVERMORE:

7 And that's all I have for new business, Gary.

8 MR. HAYES:

9 Anybody got anything to add?

10 MR. HERZOG:

11 I've got an Old Business item.

12 MR. HAYES:

13 Okay.

14 MR. HERZOG:

15 The last time we met 15 months ago, it was
16 proposed that the State DHEC representative be placed
17 on the RAB. I was prepared to make some sort of motion
18 the following meeting, but it didn't happen until
19 tonight. So I'd like to offer up a resolution for the
20 Board's consideration, "Resolve that the designated
21 representative of the South Carolina Department of
22 Health & Environmental Control for projects related to
23 performing the remediation of the munitions and
24 explosives of concern at the former Camp Croft is
25 hereby appointed to the Camp Croft Restoration Advisory

1 Board with all the rights and privileges afforded said
2 membership." That's my motion.

3 MR. HAYES:

4 Do we have a second?

5 COL. GOSSETT:

6 I'll second that.

7 MR. LIVERMORE:

8 We will add a DHEC member to -- and I know we
9 have Kent Krieg, who is the FUDS -- was the FUDS
10 project manager. I know he has been since the last
11 year -- two years has gotten a promotion. And so I
12 guess it will be the person you backfill to your
13 position. I presume, that will be filling that role on
14 the RAB, so ...

15 MR. HAYES:

16 Do we need to vote on it?

17 MR. LIVERMORE:

18 Well, I think we did vote last time. I know we
19 had email exchanges and at least the feedback that I
20 got from the RAB was that the majority was in favor of
21 that in the DHEC member. So it sounds like we,
22 obviously, had a motion and that was seconded.

23 MR. HAYES:

24 Can we talk some about money, funding, how much
25 has been approved?

1 MR. LIVERMORE:

2 Well, we can talk about what has been awarded as
3 far as funding for this effort. And, Drew, I may need
4 to call on you, you and Carl, as far as the information
5 now. What has been identified for Project 07 as far as
6 the implementation of the remedial action? So we had
7 to -- because this technology is relatively new, what
8 was identified in the decision document the Corps of
9 Engineers determined was grossly underestimated as far
10 as the estimate to implement this technology. And so
11 what we have identified for the remedial action for
12 Project 07 going forward is \$43.8 million moving
13 forward. And that's for the implementation of the
14 remedial action. And so what we have awarded to this
15 date, Drew, do you have a recollection of what was
16 done?

17 MR. THOMPSON:

18 The past quarter was for, roughly, \$36 million.
19 I'm pretty confident with the Corps of Engineers last
20 bill of \$36 million. And what's been funded so far is
21 around 12 million, and that is for those Subareas 1 --

22 MR. LIVERMORE:

23 I believe it's 1, 3, 4 and 6, I think.

24 MR. THOMPSON:

25 So the contract was for 36, approximately 36

1 million, and we've funded 12 million of that so far.
2 And then moving forward, the next phase is going to be
3 in that high use area --

4 MR. LIVERMORE:

5 That Subarea 14.

6 MR. THOMPSON:

7 -- Subarea 14. And we're getting ready -- and
8 funding is in the works to fund that right there.

9 MR. HAYES:

10 But 43.8 has been approved or is needed?

11 MR. THOMPSON:

12 Thirty-six million dollars was funded on the
13 project. That's the whole 1,277 acres.

14 MR. HAYES:

15 That can spread out over a good many years?

16 MR. THOMPSON:

17 Yes, sir.

18 MR. LIVERMORE:

19 Well, physically, it's going to take several
20 years, I'd say, to implement it. So, yeah, that's over
21 that period of time.

22 MR. THOMPSON:

23 That's 36 million for the whole process, and then
24 what was funded was, roughly, \$12 million for the first
25 435 acres. And then what Ray talked about earlier in

1 December, the high-use areas, it's about a 100 more
2 acres, and that's in the works of being funded.

3 MR. LIVERMORE:

4 And, again, that's the Subarea 14 that we
5 identified on the Camp Croft FUDS Project 07 Subarea
6 Figure.

7 MR. HAYES:

8 Can you say your name and who you're with?

9 MR. THOMPSON:

10 I'm Drew Thompson. I'm with the Corps of
11 Engineers in Huntsville. I'm the COR. I handle the
12 contract, and Carl Dokter, he's the P.M. down in
13 Savannah.

14 MR. LIVERMORE:

15 We probably discussed this in the past. I know
16 it's probably confusing to many in the public, but the
17 way the Corps of Engineers is structured, we have
18 districts, obviously, throughout the United States.
19 And so our Huntsville Center is one of our munitions
20 centers. And so, obviously, this is a munitions
21 project. And so Huntsville is involved in the project
22 from that perspective. Drew is the project manager,
23 and as he mentioned, the contracting officer
24 representative for this effort. The Corps of Engineers
25 in the Savannah District is the military district for

1 this area of responsibility, and Carl Dokter is the
2 project manager in Savannah for that.

3 So we had a couple of folks that left. If y'all
4 recall at the last RAB meeting, we had Wendell --
5 Wendell's last name is --

6 MR. THOMPSON:

7 Hardwick.

8 MR. LIVERMORE:

9 -- Hardwick. Remember Hardwick and Frank Cerio
10 who were from the Savannah District representing the
11 Corps of Engineers? They have both left and taken jobs
12 with other districts. And so Carl Dokter has replaced
13 those individuals on the project for the Savannah
14 District.

15 Any other questions?

16 MR. KRIEG:

17 I'm Kent Krieg with the Department of Health &
18 Environmental Control. I just want to say I appreciate
19 you guys voting on it today, placing us on the board
20 and we're supporting of that. We've been coming to the
21 RAB meetings and participating and being here to
22 witness -- I guess it's nice to have a seat at the
23 table, so we're looking forward to that.

24 And as Ray mentioned, I did get promoted. So I'm
25 now the Section Manager for the Director of Federal

1 Facilities Section of DHEC, but it's a vacant position,
2 my former position that I'm, hopefully, filling soon.
3 But I'll also definitely be heavily involved with this
4 site just because it will be a staff member, my
5 employee, that's working with and continuing my
6 historical knowledge with the FUDS sites, specifically,
7 Camp Croft. So we definitely look forward to staying
8 involved.

9 And just for everybody that's sitting out there,
10 DHEC provides the regulatory oversight for working with
11 Army Corps of Engineers as a stage of things to look at
12 things on behalf of the FUDS for the State of South
13 Carolina.

14 MR. LIVERMORE:

15 Thank you, Kent.

16 MR. HAYES:

17 Does anybody else have anything they want to
18 bring up or talk about, any questions about anything?

19 [NO RESPONSE]

20 MR. HAYES:

21 Any questions about the demonstration tomorrow at
22 the park?

23 [NO RESPONSE]

24 MR. HAYES:

25 Board, have you got anything?

1 MR. HERZOG:

2 I move we adjourn.

3 MR. HAYES:

4 Got a second?

5 COL. GOSSETT:

6 I'll second.

7 MR. HAYES:

8 We'll call this meeting adjourned. Thanks for
9 coming out.

10

11 [MEETING ADJOURNED AT APPROXIMATELY 7:20 P.M.]

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1 STATE OF SOUTH CAROLINA)
2) C E R T I F I C A T E
3 COUNTY OF GREENVILLE)
4
5

6 I, Jane S. Wehunt, notary public in and for the
7 State of South Carolina, do hereby certify that the within
8 meeting was taken by me on Thursday, May 6, 2021 and that
9 the foregoing is an accurate transcript of the meeting.

10 I further certify that I am neither an employee
11 or relative to any of the parties, counsel or speaker, and
12 in no matter interested in the outcome of this action.

13 IN WITNESS WHEREOF, I have hereunto set my hand
14 and seal this 3rd day of June, 2021.

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Jane S. Wehunt

Jane S. Wehunt
Notary Public for South Carolina
My Commission Expires 05/24/2026

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