

**FORMER CONWAY BOMBING AND GUNNERY RANGE
PUBLIC WORKSHOP / PUBLIC MEETING 1 SUMMARY**

Contract W912DY-10-D-0023
Delivery Order 0018

Prepared for:

U.S. Army Corps of Engineers
U.S. Army Engineering and Support Center, Huntsville

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ACRONYMS AND ABBREVIATIONS

BGR	Bombing and Gunnery Range
BRGC	Barefoot Resort and Golf Course, LLC
FS	feasibility study
FTP	file transfer protocol
FUDS	Formerly Used Defense Site
HGL	HydroGeoLogic, Inc.
MG	Machine Gun
MRS	munitions response sites
RAB	restoration advisory board
RI	remedial investigation
ROE	right-of-entry
RR	Rifle Range
TO	Task Order
USACE	U.S. Army Corps of Engineers
USAESCH	U.S. Army Engineering Support Center, Huntsville
UXO	Unexploded Ordnance
WERS	Worldwide Environmental Remediation Services

1.0 INTRODUCTION

1.1 WORKSHOP SUMMARY

The U.S. Army Engineering Support Center, Huntsville (USAESCH), U.S. Army Corps of Engineers (USACE) Savannah District and USACE Wilmington District presented a public workshop on March 17, 2015. The workshop was designed to present information on the upcoming remedial investigation (RI) and feasibility study (FS) at the former Conway Bombing and Gunnery Range (BGR), a Formerly Used Defense Site (FUDS) located near Myrtle Beach, South Carolina. The public workshop was held on Tuesday, March 17 from 6:30 to 8:30 p.m. at the Hilton Garden Inn Myrtle Beach, Coastal Grand Mall, located at 2383 Coastal Grand Circle, Myrtle Beach, SC 29577. The public was invited to view displays related to the RI/FS being conducted on the former Conway BGR.

The public workshop is part of the current community relations program in place for the USAESCH under Worldwide Environmental Remediation Services (WERS) Contract No. W912DY-10-D-0023, Task Order (TO) No. 0018, for the RI/FS at the Former Conway BGR in Horry County, South Carolina. These public workshop minutes were prepared to meet the performance objectives for the public workshop task. The RI/FS currently being conducted covers the following four munitions response sites (MRS):

- MRS-R01, Range II (FUDS Project No. I04SC002501R01)
- MRS-R02, Range III (FUDS Project No. I04SC002501R02)
- MRS-R03, Range IV (FUDS Project No. I04SC002501R03)
- MRS-R09, Machine Gun (MG)/Rifle Range (RR) (FUDS Project No. I04SC002501R09)

1.2 GOVERNMENT REPRESENTATIVES

Representatives from the organizations listed in Table 1 were present at the public workshop to provide information, answer questions, and interact with members of the public.

Table 1, Government Representatives at the Public Workshop

Name/Organization	Address	Telephone/Email
USAESCH Contracting Officer's Representative Chris Cochrane	4820 University Square Huntsville, AL 35816-1822	(o) 256-895-1696 (c) 256-990-0888 chris.cochrane@usace.army.mil
USAESCH COR Chase Hamley	4820 University Square Huntsville, AL 35816-1822	(o) 256-895-1569 (c) 256-698-4027 Chase.G.Hamley@usace.army.mil
USAESCH Technical Manager Kelly Longberg	4820 University Square Huntsville, AL 35816-1822	(o) 256-895-1408 (c) 256-541-0907 kelly.d.longberg@usace.army.mil
USAESCH Geophysicist Debra Edwards	USAESCH 4820 University Square Huntsville, AL 35816-1822	(o) 256-895-1626 debra.l.edwards@usace.army.mil
USACE Savannah District FUDS Program Manager Julie Hiscox	USACE Savannah District 100 W. Oglethorpe Avenue Savannah, GA 31401-0889	(o) 912-652-5363 (c) 912-429-1474 julie.a.hiscox@usace.army.mil
USACE Charleston District Public Affairs Officer Glenn Jeffries	USACE Charleston District 69A Hagood Ave Charleston, SC 29403	(o) 843-329-8123 glenn.e.jeffries@usace.army.mil
USACE Savannah District Public Affairs Officer Billy Birdwell	USACE Savannah District 100 W. Oglethorpe Avenue Savannah, GA 31401-0889	(o) 912-652-5014 Billy.e.birdwell@usace.army.mil
South Carolina Department of Health & Environmental Control (SCDHEC) DoD Corrective Action Manager Stacey French	Land and Waste Management Division 2600 Bull Street Columbia, SC 29201	(o) 803-898-0238 franchsl@dhec.sc.gov
SCDHEC Risk Assessor Kent Krieg	Land and Waste Management Division 2600 Bull Street Columbia, SC 29201	(o) 803-898-0255 kriegkm@dhec.sc.gov
HydroGeoLogic, Inc. Project Manager Kimberly Vaughn	HydroGeoLogic, Inc. 1403 Balmorhea Lane Round Rock, TX 78664	(o) 512-828-6684 (c) 512-658-6828 kvaughn@hgl.com
HydroGeoLogic, Inc. Staff Scientist Kathy Sokolic	4636 Ruiz St. Austin, TX 78723	(c) 512-809-3497 ksokolic@hgl.com
HydroGeoLogic, Inc. Assistant Scientist Caitlyn Martin	5030 Bradford Drive Building 1, Suite 230 Huntsville, AL 35805	(o) 256-970-2109 cmartin@hgl.com

2.0 PUBLIC WORKSHOP MATERIALS

For the purposes of tracking attendance for the workshop, members of the public were greeted by a staff member at a sign in table, and requested to sign in before entering the room. A list of the attendees is provided in Attachment 1. After entry to the room, attendees were greeted and approached by a government representative. If no specific questions were asked, attendees were invited to move among several information booths and/or be seated to watch a slide presentation. The slide presentation (Attachment 2) was repeated throughout the workshop, displaying as a looped presentation which would automatically advance through the slides, from 6:30 pm to 8:30 pm. A group of chairs was provided at the slide presentation area for viewing the presentation. The public workshop was announced through a press release issued by USACE, and published in the newspapers listed in Attachment 3. Each booth/table available to the attendees presented the following information:

- Unexploded Ordnance (UXO) Safety Materials (Figures 1 and 2)
- Conway BGR slide presentation (Figure 3)
- Conway BGR website available for view (Figure 4)
- Laptops for specific parcel research, using the HGL GIS webmap
- Draft Final Work Plan for public review (Figure 4)
- Large format poster of each MRS (Figure 4 and Attachment 4)
- Right of entry (ROE) forms

As part of the interaction with the public, the approved Fact Sheet dated March 2015 was available for attendees to take with them. As described in the Fact Sheet, there are documents related to the site history available for review in the References Section of the Horry County Memorial Public Library in Conway, South Carolina.

For more information about FUDS in general and the former Conway BGR site, in particular, the public was invited to view the website: www.ConwayBGR.com on laptops and tablets available in the workshop room for the public to use. Additionally, if the attendee has questions specific to a subdivision or parcel, laptops were available for the planned investigation and historical data to be viewed specific to that parcel. Various questions and concerns from the attendees to the public workshop are summarized in Section 3.



Figure 1, UXO Safety Materials Table



Figure 2, UXO Safety Materials for Distribution



Figure 3 – Slide Presentation Area



Figure 4, Various Information Available to the Public

3.0 SUMMARY OF ATTENDEE QUESTIONS

The following sections summarize the conversations that occurred with individual attendees. Based on the questions received from members of the public who attended the workshop, various follow up actions will be taken to respond to the specific questions submitted. All interaction by HGL with the landowners and members of the public is coordinated through the public affairs office and USAESCH.

Lowell Carter
Horry Telephone Cooperative, Inc.
(o) 843-369-8269
Parcel ID: 1630001083

Mr. Carter reported that he works for the Horry Telephone Cooperative, Inc., and does planning for cellular tower and line locations. For all the other parcels owned by the Horry County Telephone Cooperative, he notes that we did not send letters asking for ROE. For this parcel, the ROE has been accepted and returned to USACE. At this time, ROE is only requested at the Parcel ID 1630001083. Mr. Carter discussed that they would allow brush cutting for the planned transects. He requested a telephone contact ahead of the planned investigation to coordinate access to the parcel.

David Beaty, Coordinator of School Safety and Security
Horry County Schools
PO Box 260005
335 Four Mile Road
Conway, SC 29528-6005
(o) 843-488-6835
Dbeaty001@horrycountyschools.net

Joe Burch, Planning Coordinator
Horry County Schools
1160 E. Hwy 501
Conway, SC 29526
(o) 843-488-6712
(c) 843-421-3285
jburch@horrycountyschools.net
Parcel IDs: 1640001101 and 1640001102

Mr. Beaty and Mr. Burch attended to discuss the referenced parcel IDs. Parcel 1640001101 has a school constructed on the parcel. Mr. Burch stated there were no findings of munitions during the construction of the school. Mr. Burch also asked about Parcel 1640001102, where there are no transects requested at this time on this parcel, as it is farther east than the expanded investigation area for MRS-R02. Ms. Vaughn confirmed that Mr. Burch is correct, at this time there is no ROE requested for parcel ID: 1640001102. Mr. Burch explained that he has some of the previous historical reports for removal actions

performed by International Paper, and if there is a file transfer protocol (FTP) site available for sharing documents. HGL will follow up with Mr. Burch to obtain and historical reports that the Horry County Schools have available. Mr. Burch and Mr. Beaty noted that Gary Watson, with Horry County, may have additional historical reports. Mr. Burch explained that the ROE has been granted and returned to USACE; however, Mr. Burch does not want any work to be conducted on the parcels while school is in session. Mr. Burch would like to be contacted prior to the field investigation to schedule the activities.

Diane Bell
Santee Cooper
1935 Mister Joe White Ave.
Myrtle Beach, SC 29577
(o) 843-448-2411 x3705
diane.bell@santeecooper.com
Parcel ID: 1640001084

Ms. Bell reported that the referenced parcel is a current power transmission grid. The construction of the power transmission equipment requires the installation of copper grounding grid. Ms. Bell discussed the planned investigation transects with staff present at the public workshop, and agreed that survey equipment and/or intrusive results on this particular parcel would be false based on the extensive construction work done to install the power equipment and on the copper grounding grid previously installed. At this time this parcel will be removed from the list of parcels planned for investigation.

Jay Smith
Parcel ID: 1640001016

Mr. Smith attended and stated that he was the realtor for the referenced parcel which was part of the Goodson settlement. He discussed the ROE request letter mailed. Based on a small transect which extended onto the Goodson parcel the ROE request letter was sent by mistake and Ms. Vaughn, HydroGeoLogic Inc. (HGL), verified that no work is planned on this particular parcel and stated that future ROE mailings would not be sent to the Horry County websites currently indicated parcel owner: RE Goodson, LLC.

Stephen Parsons
Parcel ID: 1642201036

Mr. Parsons attended to ask questions about the planned work on his parcel, and better understand the focus of the investigation. His questions were related to the type of effort planned, was it a removal action or what is the purpose of the planned transects? A portion of Mr. Parsons' parcel extends northward from Weeping Willow Drive toward the greenbelt (undeveloped land) to the north of his home. The planned transect along that greenbelt intersects the northern portion of his parcel. The purpose of the RI transects and the planned effort on his parcel was explained to Mr. Parsons. Mr. Parsons stated that he

would not want any heavy equipment coming on to his land during the performance of the RI/FS field investigation.

John and Diane Holleran

Parcel ID: 1422101015

Mr. and Mrs. Holleran attended the workshop to better understand the purpose of the investigation requested on their parcel. They reported that the developer performed removal actions on their subdivision prior to their purchase of the land. Mr. and Mrs. Holleran live on the west side of MRS-R03. Their home is on the south side of Swift Street and on the west side of Marsh Glen Drive. Mr. and Mrs. Holleran were informed that based on the data currently available to USACE, there were removal actions performed by USA Environmental on behalf of Centex homes to the east of their street but USACE is unaware of any removals performed in their subdivision. Mr. Holleran expressed frustration that attempts have not been made to contact the builders directly to request copies of all removal actions performed in the past. Mr. Holleran asked if anyone from the USACE teams has attempted to gather this information. Mr. Holleran stated that their subdivision (Somerset) has had prior removal actions performed perhaps funded by International Paper. Mr. Holleran was informed that USACE their contractors have made attempts to gather information where available to use in the ongoing investigation. Further descriptions of the planned investigation activities for Mr. Holleran's parcel were also discussed. Additional information was provided to Mr. Holleran on the historical information that USACE currently has available. Mr. Holleran expressed concern that his neighbors along the street had not received ROE requests. HGL representatives at the workshop explained that the RI investigation goal of determining nature and extent of current contamination is different from the goals of a removal action; therefore, all parcels within a MRS are not necessarily part of ROE requests. Mr. Holleran expressed frustration that the USACE is only now requesting participation from him to investigate on his land. He expressed concern on the years of delay he perceives in the government following up on this known problem. He asked questions about the funding for the current project and the timing of the current project. It was explained to Mr. Holleran that USACE performs projects as they are congressionally funded, and at the times that congressional funding is allocated.

Tom Zales

Parcel ID: 1422101014

Mr. Zales is Mr. Holleran's neighbor immediately east of the Holleran parcel. Mr. Zales questions and concerns were similar to Mr. and Mrs. Holleran. The investigation planned on his parcel is north of the current historical investigations (that are known to USACE) throughout MRS-R03. The currently known history of work performed within MRS-R03 was discussed with Mr. and Mrs. Holleran and Mr. Zales. Mr. Zales was also aware of removal actions performed by International Paper in the past on his land.

Larry and Rita Karrasch

Parcel ID: 1422001041

Mr. and Mrs. Karrasch had questions about the planned investigation for their parcel. Their questions and concerns included why some of their neighbors have not received a ROE request only they had received an information request. The nature of the investigation was discussed and their property was viewed on one of the available laptops. The transects planned are to fill in data gaps for the previous Barefoot Resort and Golf Course, LLC (BRGC) lands which were not part of the previous USA Environmental/DR Horton removal actions. Based on the information available to USACE at this time, DR Horton/USA Environmental performed removal actions on the portions of the subdivision where streets and homes were being constructed; however, the current greenbelt areas (the wetlands to the west of the Karrasch backyard) have not had any removal actions conducted based on currently available historical documents. Mr. and Mrs. Karrash asked questions about the previously funded removal actions and HGL staff referred the Karraschs to their subdivision developer or homeowners association for more information specific to the previously privately funded removal actions. Since the work was not part of the Department of Defense/FUDS funded investigation efforts, USACE cannot describe those removals or make any guarantees concerning the privately funded removal action efforts. Mr. and Mrs. Karrasch expressed concern that currently BRGC, LLC has not granted the ROE request that USACE has submitted. Mr. and Mrs. Karrasch plan to participate and grant the ROE that was requested. There is no fence at the rear of their property where it joins the wetlands. They do have pets and have birds within their home. They would like to be contacted and prior arrangements to be made before teams enter their parcel to perform work so that their pets will be not become upset. They were informed that they would be contacted closer to the fieldwork stage of the project, probably in fall 2015.

Edward and Sherry Stapleton

Parcel ID 1633301056

Mr. Stapleton is on the board of the Avalon homeowners association. Mr. Stapleton provided additional information, received from his developer previously. Mr. Stapleton provided a copy of the USACE fact sheet which he stated was available on the board at Avalon website: www.avalonatcarolinaforest.com. Mr. Stapleton shared the concerns of his neighbors (Mr. Best, Mr. Brown, and Mr. Blackburn). He stated that the fact sheet

(prepared by Zapata Engineering for USACE, dated July 2004) showed that his parcel had been part of a prior removal action. The fact sheet is provided in Attachment 5. Mr. Stapleton explained that the Avalon subdivision was extensively overlain with non-native fill material prior to the construction of any homes. Mr. Stapleton explained that due to the elevation of the parcels, the addition of new soil was necessary for stable construction and to avoid flooding. Mr. Stapleton also stated that the soccer and baseball fields near the Avalon subdivision did not have outside fill material laid down. He stated it would be more likely to find any munitions items (if any are present) on the soccer and baseball fields as they do not have as much non-native construction fill dirt present. Mr. Stapleton and Mr. Blackburn emphasized that Pinehurst did removal actions prior to the development of the subdivision, and HGL representatives explained that those removal actions were not part of the USACE current documents available, but if copies can be obtained in future, USACE would be glad to document that removals were performed in the RI/FS report.

Gregory Snow

Parcel ID 1422201068

Mr. Snow is a neighbor to Mr. Brown and Mr. Best who were also attending the workshop. His parcel is not currently part of the planned investigations. His parcel is north of the Windy Pines Drive within the Avalon subdivision. Mr. Snow had questions about the current RI and how it relates to the removal actions performed in the past. Mr. Snow would like to request a copy for any and all removal actions performed in the past for his land. Mr. Snow would like to know how he can obtain any copies of these removal actions that the USACE may have in their possession.

Brian Brown

Parcel ID 1634601011

Mr. Brown's parcel is south of Copper Creek Court. Mr. Brown's neighbors (Mr. Best and Mr. Stapleton) were also in attendance of the public workshop. Mr. Brown's concerns are very similar to theirs. He is seeking to understand the purpose of the remedial investigation, how it compares to a removal action, and why his home and not all the homes on his street have received ROE requests.

Alex Best

Parcel ID 1634601009

Mr. Best is on the Avalon Board of the homeowners association. Mr. Best is concerned that that his subdivision has had removal actions performed in the past. Mr. Best would like to know how the government is attempting to coordinate all of the removal actions performed in the past and gather all that information in one place. Mr. Best, Mr. Brown and Mr. Stapleton, all from the Avalon subdivision, expressed similar concerns that they had previously understood that their parcels were to the west of the MRS. Ms. Vaughn explained that historically, the boundary of the MRS is to the east of their subdivision. It was explained to the attendees that based on historical information gathered inside the

MRS, munitions may extend further west, past the known edge of the MRS boundary. Therefore the current RI (purpose being to define the appropriate boundary of the MRSs) now seeks to gather information in areas where there were gaps left in the past. Some of these data gaps extend west of the MRS-R02 boundary and therefore involve requests for information in the Avalon subdivision.

Chad Blackburn
Parcel ID 1634601010

Mr. Blackburn's parcel is on Copper Creek Court, and he is neighbors with Mr. Brown and Mr. Best. His questions and concerns were similar to the discussions between Mr. Stapleton and the HGL representatives present.

Ms. Irene Armstrong
(Realtor)

Ms. Armstrong completed a restoration advisory board (RAB) survey while in attendance at the workshop. This was the only RAB survey questionnaire completed at the public workshop. The RAB survey questionnaire was submitted to the government for consideration.

These landowner concerns and questions have also been documented in the ROE responses database maintained by HGL, for future reference.

4.0 ACTION ITEMS

- HGL will set up an FTP for the Horry County Schools representatives to transfer any additional clearance reports they may have.
- Interactions with landowners and landowner requests from the workshop will be documented in the HGL ROE tracking database.
- RAB surveys will be submitted to the Government.

Attachment 1 – List of Attendees to the Public Workshop

Attachment 2 – Slide Presentation

Attachment 3 – Press Release

Attachment 4 - Large Format Posters

Attachment 5 – Fact Sheet provided by Mr. Stapleton