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MCB CAMP LEJEUNE
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FACT SHEET REGARDING INVESTIGATION OF VERONA LOOP MUNITIONS RESPONSE
SITE MCB CAMP LEJEUNE NC
3/1/2012
CH2M HILL



This fact sheet describes the upcoming investigation of the Verona Loop Munitions Response Site, which is located between US Route 17 and Old Route 17, on the western side of Marine Corps Base Camp Lejeune, near the community of Verona.

Onslow County recently requested this 25-acre area for recreational use. A recent records search found that the site had been used for military training in the 1940s. The Base is investigating to find out if any hazards could possibly remain on the site and, if so, what type of action is needed to protect public safety and the environment. The investigation is a precaution and not a result of any incident or discovery of munitions.

CH2M HILL, Inc.
 Attn: MCB Camp Lejeune Team
 11301 Carmel Commons Blvd
 Suite 304
 Charlotte, NC 28226

The purpose of this fact sheet is to notify you of an upcoming investigation of a 25-acre parcel of land on the west side of U.S. Route 17, near the community of Verona.

Onslow County recently requested that this parcel be transferred to the County for use as a recreational area. The Base will investigate the site before any transfer, because it was used in the past for military training. The work will be conducted in a way that will protect the safety of everyone in the area.

About the Site

As part of the real estate transfer process, Base personnel reviewed records and found that the site was used from 1941 to 1945 for training with rifles, grenades, small rockets, and mortars. At that time, the site was within the fence line of Camp Lejeune. In 1999, relocation of U.S. Route 17 left this undeveloped 25-acre area separated from the rest of Marine Corps Base Camp Lejeune (see Figure 1).

The site has not been used by the Base for many years. A small residential neighborhood and a church are located next to the central portion of the site, which is bisected by Verona Loop/Town Point Road.

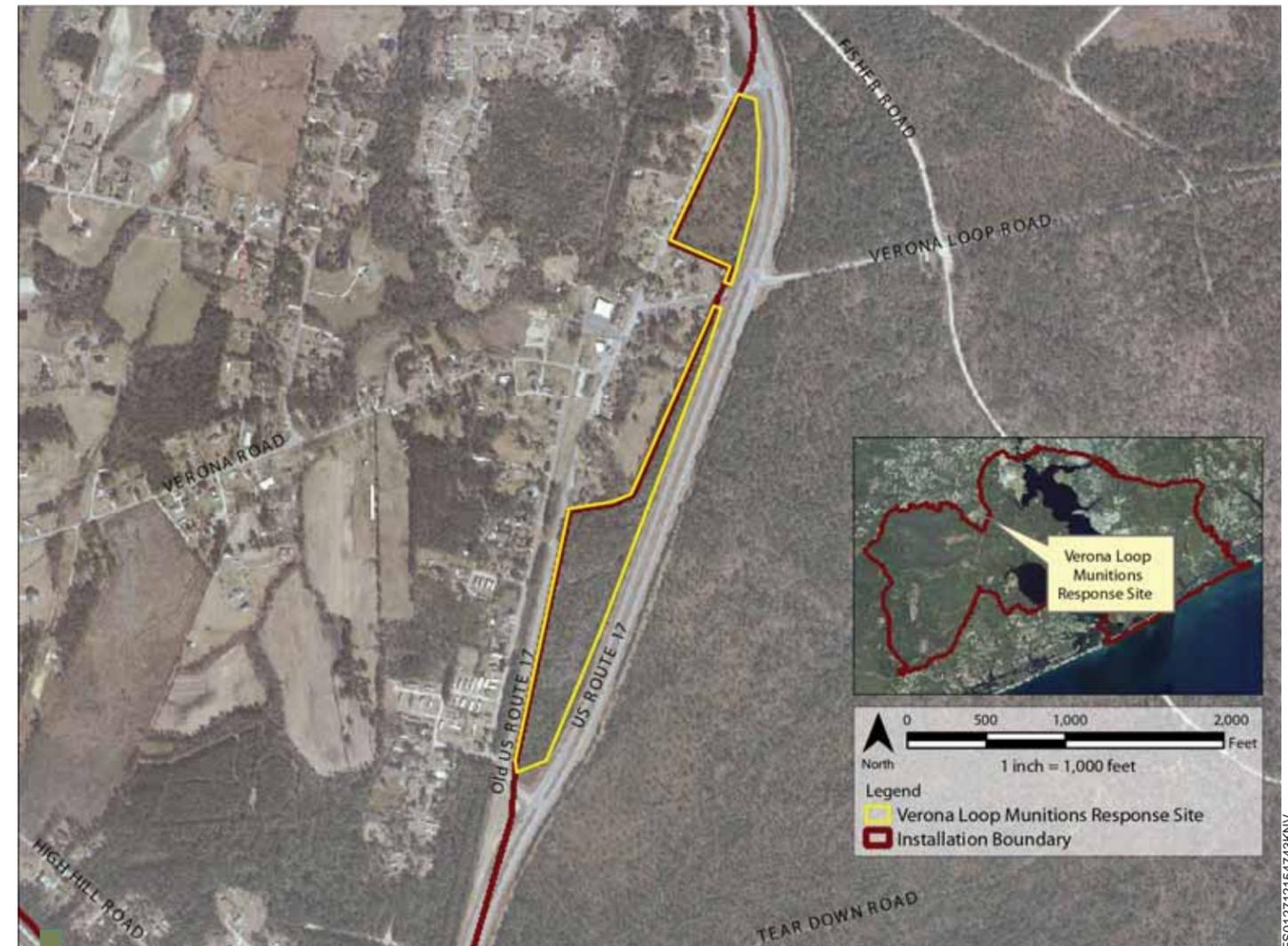


Figure 1 – Location of Verona Loop Munitions Response Site

Purpose of Site Inspection

Based on Onslow County's request to begin using this property for recreation, the Base will investigate the site prior to any transfer. Using advanced metal detection techniques and sampling soil and groundwater, the investigation will identify any safety or environmental hazards that may remain.

If the investigation does identify a risk, the Base will take appropriate action to protect public safety. If the Base decides to transfer the land, all investigation and any necessary cleanup will be completed first.

Site Inspection Activities

Digital Geophysical Mapping (DGM)

Navy contractors will survey the Verona Loop site using specialized metal detectors. The resulting data will identify specific locations containing metal objects beneath the surface that might be munitions.

Using the metal detection equipment will require clearing vegetation from about 2.5 acres in transects (parallel paths) across the site. Mature trees (greater than 6 inches in diameter) will not be removed unless necessary.



EM61 Metal Detector

Safety First! Marine Corps Base Camp Lejeune has not used the Verona Loop site as a range for over 65 years. However, like any place where military munitions have been used in the past, there is a chance that old munitions and munitions debris could remain.

Old munitions can still be very dangerous. If you find an item ANYWHERE that you suspect might be munitions, first leave the area, then call 911 and tell them where you found it. NEVER HANDLE possible munitions!



Vegetation Clearing Equipment

What is Digital Geophysical Mapping (DGM)?

DGM surveys use specialized metal detectors to locate and create a digital map of metal objects that are buried under the ground. The instruments can be hand-carried or mounted on a two-wheeled cart.

Since DGM survey data does not distinguish between munitions and other metal objects, the data is used to select areas for further evaluation to determine if the metal objects are actually munitions.

Environmental Investigation of Groundwater and Soil

Two monitoring wells will be installed to collect samples to determine if contamination from munitions is present in groundwater. Soil samples will be collected at the ground surface and about 10 feet deep.

Intrusive Munitions Investigation

Technicians who are specially trained in munitions handling will use hand-excavation tools to uncover metal objects that are discovered during the DGM survey. This is referred to as an intrusive investigation. The excavation team will determine if the metal objects are munitions-related or some other kind of metallic debris (such as soda cans or construction debris).

If any munitions are found on the site, they will be removed. If an item is not safe to move, it would be destroyed by controlled detonation. Metallic debris will be removed for disposal.

As a precaution to protect public and worker safety during intrusive investigations, safety buffers known as exclusion zones will be established where only trained munitions technicians can enter. For the Verona Loop Site Inspection, exclusion zones are not expected to extend beyond the boundaries of the site.

Public Involvement

Camp Lejeune is committed to informing and involving our neighbors in all environmental or munitions investigations and cleanup activities. When the public is actively involved, the investigation and cleanup process is better understood and better cleanup decisions are made. The Base will keep you informed as this investigation progresses.

Restoration Advisory Board (RAB)

You can learn more about Camp Lejeune's environmental cleanup and munitions response activities by attending RAB meetings. The best way

to get involved is to become a RAB member, but the public is always welcome at RAB meetings.

The RAB is made up of community members, along with representatives of federal and state regulatory agencies, Camp Lejeune, and the Navy. The RAB acts as a focal point for exchanging information between the Base and the local community about environmental restoration and munitions response activities.

The RAB meets quarterly at the Coastal Community College, Jacksonville, NC. The date, time, and place of RAB meetings are advertised in the Jacksonville Daily News, the Globe, and the Rotovue newspapers.

Administrative Record File

Camp Lejeune compiles and makes available to the public a complete record of documents that were used to make investigation and cleanup decisions. These documents are called the Administrative Record File.

The Administrative Record File and other information about Camp Lejeune's Environmental Restoration and Munitions Response Programs are available online at: <http://go.usa.gov/TW5>.

Environmental Restoration and Munitions Response Program documents are also available on CDs in the Reference Room at:

Onslow County Public Library

58 Doris Avenue East
Jacksonville, NC 28540
Phone: 910-455-7350

If you have any questions, please contact:

Mr. Joe Ramirez, Government External Relations
Marine Corps Base
PSC Box 20004
Camp Lejeune, NC 28542-0004
910-451-7645
Joe.m.ramirez@usmc.mil