



Orlando, Florida

FORMERLY USED DEFENSE SITES PINECASTLE JEEP RANGE

Tivoli Gardens Investigation Update

April 2008

The U.S. Army Corps of Engineers will continue investigations in the Tivoli Gardens community through the month of May. You will be able to remain in your homes throughout most of this work, as long as you are at least 18 feet from where the work is being done. However, the discovery of two fragmentation bombs during earlier investigations, which were buried approximately three feet underground near the conservation area, requires wider safety zones. Therefore, it will be necessary for residents located in the southwest corner of the neighborhood to leave their homes between 8 am and 5 pm while crews are working. A hospitality center is available throughout this period and further details will be provided to affected residents.

As before, the Corps' contractor, USA Environmental, will use a device called a Schonstedt magnetic gradiometer, the industry standard technology for ordnance detection in these situations. This is a different technology from ground penetrating radar (GPR). Like GPR, the Schonstedt can "see" almost everything down to 3 feet, and large objects down to 6 to 8 feet. Both technologies "read" straight down (not to the sides). But unlike GPR, the Schonstedt is able to differentiate what it sees. While the GPR finds ferrous metal objects of all types, it is unable to distinguish the differences that may indicate potential munitions or military debris, as the Schonstedt does. Additionally, the Schonstedt provides a faster scan, allowing the work to be completed more efficiently, and it can be used without destroying landscaping.

If our crews find an item of interest, they will dig it up and replace what was there (dirt/grass, flowers, etc.). They will



Tivoli Gardens: Inset of 1948 aerial shows bulldozed bomb target in "heel" of subdivision. Two live 20-lb fragmentation bombs (red dots) were removed during previous investigations.

make every attempt to return all disturbed areas to their original condition. On very deep digs, the hole will be refilled and there may be loose dirt around the area.

If you believe the Corps' contractor is responsible for damage to your home or yard, please contact the Corps at the number listed below. Under the Formerly Used Defense Site program, the Corps has no mechanism to reimburse property owners for work done by private contractors.

FOR MORE INFORMATION

For further information or assistance, contact:

U.S. Army Corps of Engineers

Jacksonville District

Corporate Communication Office

toll-free 1-800-291-9413 or (904) 232-1576

or visit our web site at www.saj.usace.army.mil and click on the Pinecastle Jeep Range link.