



**US Army Corps  
of Engineers®**

## **Tivoli Gardens**

Work in Tivoli Gardens should begin in late December or early January. In order for a property to be investigated, the owner must sign a right of entry form and submit it to the US Army Corps of Engineers.

The contractor conducting the work (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). Unlike GPR, the Schonstedt is able to differentiate what it sees. While the GPR finds objects of all types, it is unable to distinguish what is there. The Schonstedt is looking for iron objects that could be military debris or munitions. Additionally, the Schonstedt provides a faster scan, allowing the work to be completed quicker, and it can be placed in landscaping (such as shrubs) without destroying it.

Should the contractor find an item of interest, the contractor will dig it up and replace what was there (dirt/grass, flowers, etc.). The contractor will make every attempt to return all disturbed areas to the original condition. However, should he/she have to dig down deeply, while the hole will be refilled, there will be loose dirt around the area.

Residents will probably not have to evacuate during this work. They will be asked to remain in their homes at least 18 feet from where the work is being conducted. Should a military munitions be found, depending upon the size of the item, an “exclusion zone” would be put into effect. An exclusion zone is the distance people need to be away from the item to ensure safety.

Residents are requested to fill out a special needs/consideration form that would help the Corps respond should an evacuation be required. This information will help accommodate the variety of concerns resident may have, such as home based businesses, small children, pets, or people with limited mobility. If it is a concern for you, it is a concern for the Corps, so please let us know how we can assist you.

If you have any questions, please contact the corporate communications office at 904-232-1576.