



FORMER RARITAN ARSENAL – EDISON, NJ FORMERLY USED DEFENSE SITES (FUDS)

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG.

Description

Raritan Arsenal occupied approximately 3,200 acres and was bounded by Woodbridge Avenue and the Raritan River between Mill Road and Clearview Avenue in Edison, New Jersey. The former Raritan Arsenal was used extensively for U.S. Army operations from 1917 to 1963.

Area 18E is located in the northern portion of the former Arsenal property currently owned by the United States Environmental Protection Agency (EPA). Area 18E once occupied three Army Buildings (14, 15, and 19) used as a small arms shop, a machine shop, and a vehicle rebuild assembly shop. These buildings were constructed in 1918 and demolished in 1997. Operations of these buildings resulted in soil contamination in several areas. The soil chemicals of concern include TCE, PCE, and arsenic.



Site preparation and excavation activities. (File Photo)

Area 18E Current Status

A contract was awarded to H&S Environmental, Inc. of Westborough, Massachusetts, to address shallow contaminated subsurface soils over the 9 acre Area 18E. Work-plans were developed in September 2011 and soil removal is scheduled for Fall 2011. An estimated 1,850 cubic yards (approximately 90 truck loads) will be excavated and disposed of off-site. Once the removal is completed, excavations will be sampled to insure all contamination is removed. Subsequently, the area will be backfilled with clean granular material and covered with a four-inch thick layer of topsoil and seeded immediately. Upon completion, this site will no longer present a significant risk. A total of \$652,000 has been allocated to this recent contracted effort. This current work demonstrates the Department of Defense commitment to responsibly address potential hazards at our Formerly Used Defense Sites (FUDS).

Raritan Arsenal History

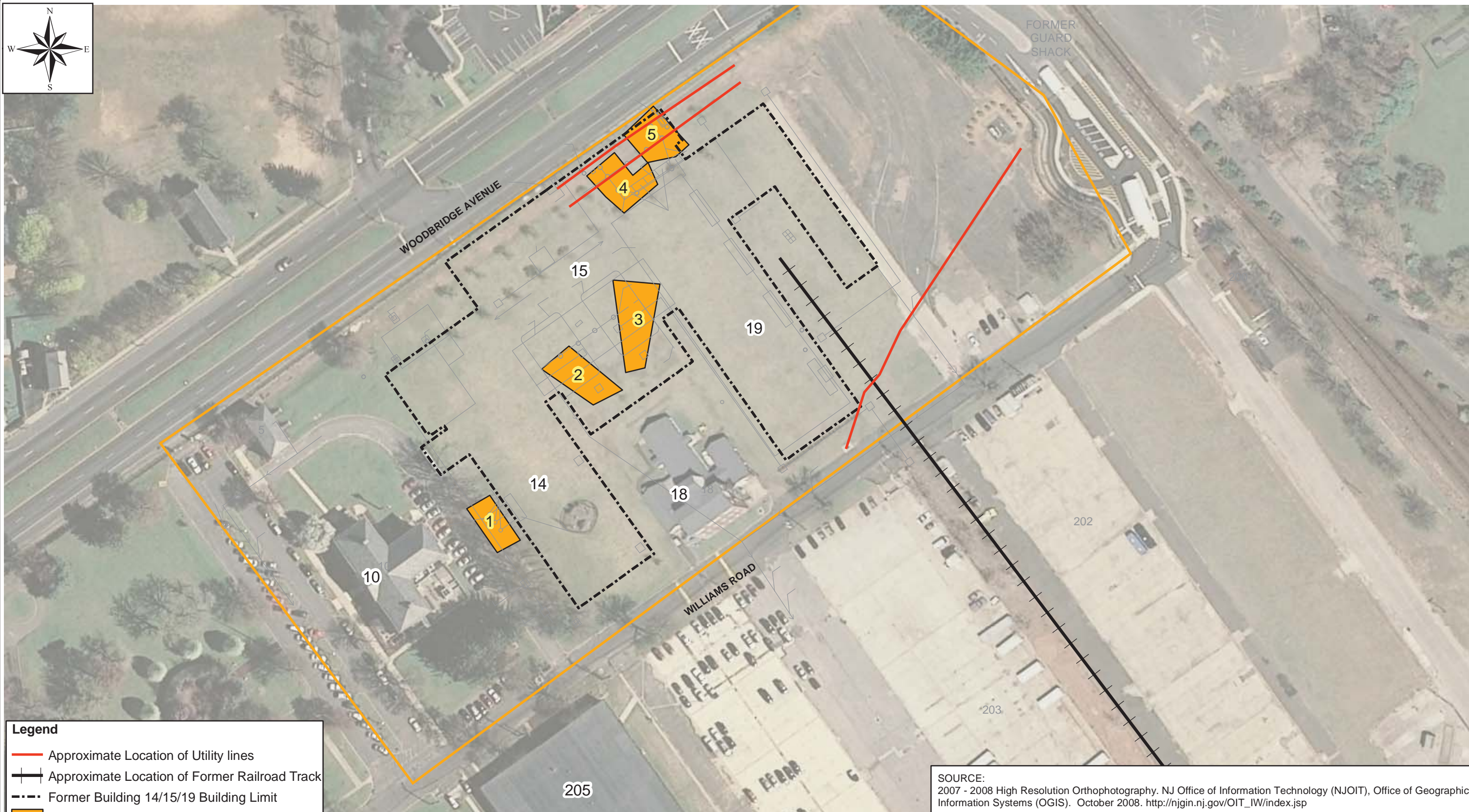
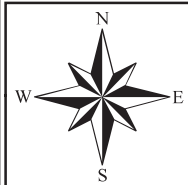
The former Raritan Arsenal was used extensively for U.S. Army operations from 1917 to 1963. Operations included receipt, storage, and maintenance of ammunition shipped from other ordnance facilities or returned from overseas; renovation of ammunition designated for long-term storage; the salvage of outmoded or seriously deteriorated ammunition; ordnance research and development; and shipment and receipt of weapons. The arsenal was closed in 1963.

Who to Call For More Information

The U.S. Army Corps of Engineers wants the public to be a part of study efforts as we work hard to ensure the public's safety, the safety of on-site workers, and to protect the environment. For more information about the former Raritan Arsenal, contact the U.S. Army Corps of Engineers New York District Project Manager, Sandra Pietro at 917-790-8487 or visit the Raritan Arsenal webpage at:

<http://www.nan.usace.army.mil/business/buslinks/raritan/index.php>

U.S. ARMY CORPS OF ENGINEERS – NEW YORK DISTRICT
26 Federal Plaza, Jacob K. Javitz Federal Building
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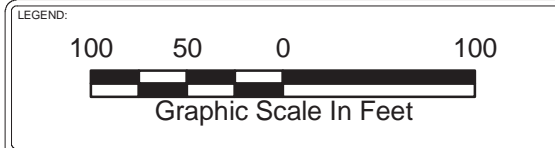
SOURCE:
2007 - 2008 High Resolution Orthophotography. NJ Office of Information Technology (NJ OIT), Office of Geographic Information Systems (OGIS). October 2008. http://njgin.nj.gov/OIT_IW/index.jsp

Legend

- Approximate Location of Utility lines
- Approximate Location of Former Railroad Track
- Former Building 14/15/19 Building Limit
- Potential Excavation Area To Be Considered
- Area 18E Soil Investigation Area
- Potential Excavation No.
- 205 Building No.

Notes:
1. As - Arsenic
2. PCE - Tetrachloroethylene
3. TCE - Trichloroethylene

Excavation	Depth (ft)	Area (ft ²)	Volume (yd ³)	Compounds
1	3.5	1634.9	211.9	PCE, TCE
2	3.5	2437.0	315.9	TCE
3	3.5	3350.8	434.4	TCE
4	4.5	2465.8	411.0	As, TCE
5	5.5	2294.5	467.4	TCE



PROJECT:
FORMER RARITAN ARSENAL AREA 18E

CLIENT NAME:
U.S. ARMY CORPS OF ENGINEERS

TITLE:
PROPOSED EXCAVATION AREAS

SOURCE: WESTON SOLUTIONS, INC. DATE: **JULY 1 2011** FIGURE #: **FIGURE 2**

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