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Restoration



- Several remediation sites are located throughout the installation.
- Regulated by Commonwealth of KY, State of TN, U.S. EPA, and Fort Campbell Environmental Division.
- Soil and groundwater are monitored for various contaminants as a result of past activities.
- Program is ongoing to ensure environmental compliance and safety for Army personnel and their families.



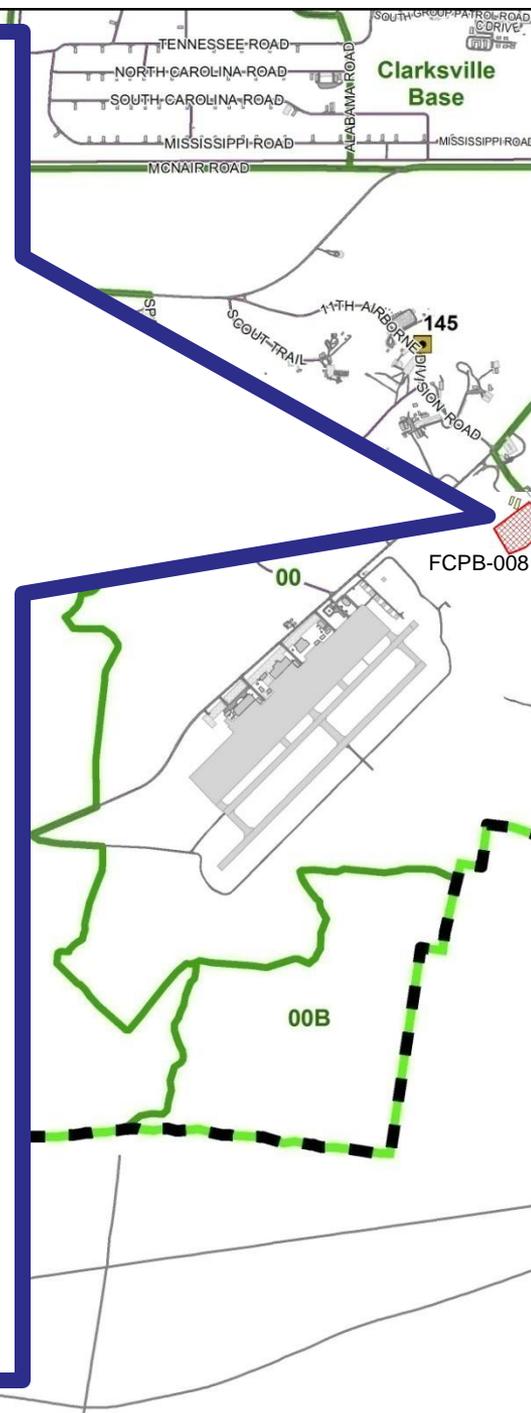
- One can never predict what they will find buried on Fort Campbell.
- Contact TN OneCall before digging anywhere on the installation: 811 or 1.800.351.1111
- If anything suspicious is encountered during digging, contact the Restoration program immediately:
 - Jeremy Rains
270.798.9768
 - Carol Canada
270.798.9770

FCPB-008

Morale Welfare and Recreation Obstacle Course

MMRP Site

- 7.37 acre site off of 11th Airborne Division Road
- May 10, 2011: White Phosphorous Rifle Grenade was found and detonated on the MWR Obstacle Course
- September 13-17, 2011: US Army Engineering and Support Center performed a non-intrusive geophysical survey to identify subsurface anomalies related to WP rifle grenades and/or other potential ordnance



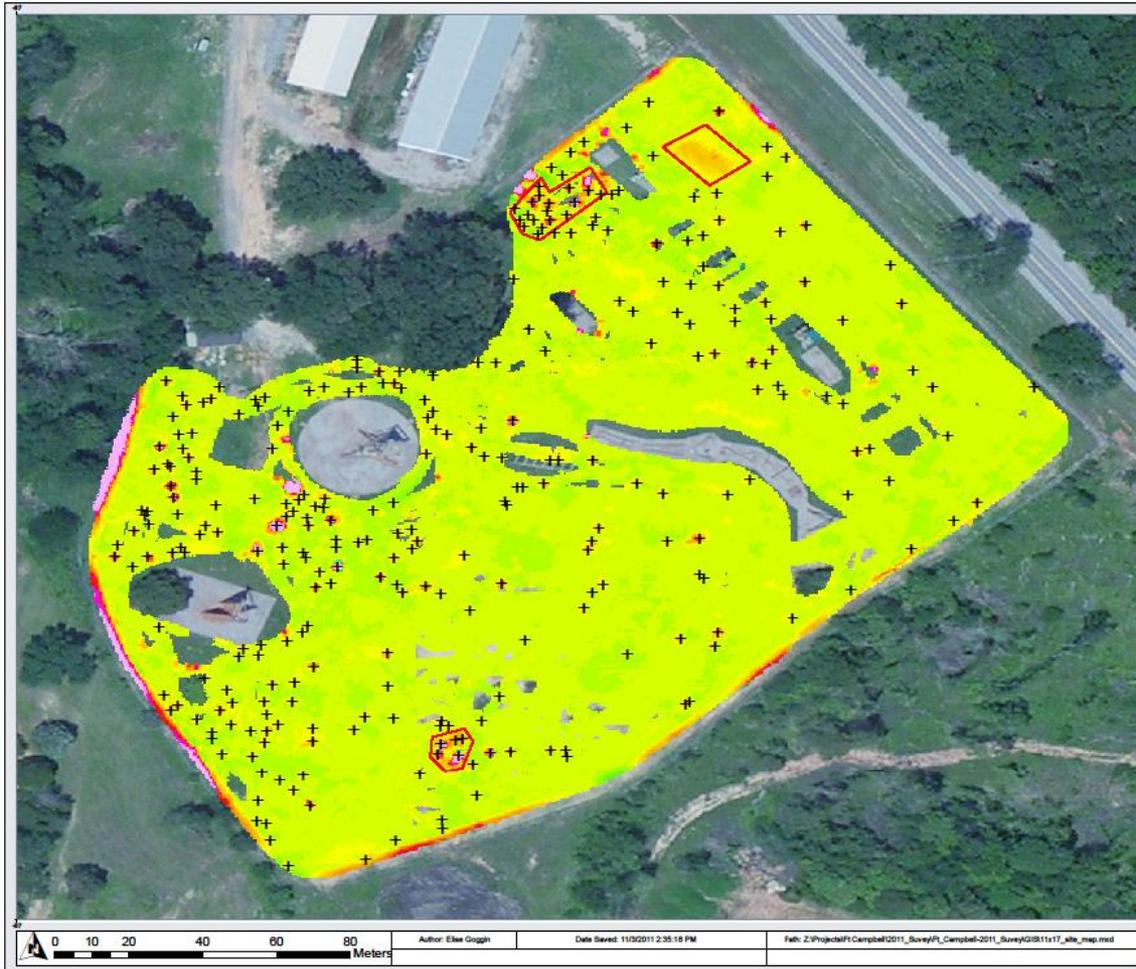


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Geophysical Survey Ft. Campbell, KY MWR Obstacle Course

Legend

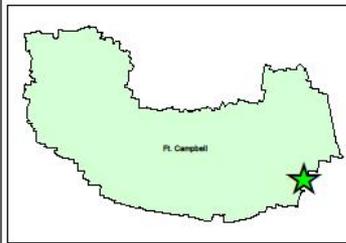
- + Targets
- Sample Areas

Amplitude mV



274 Individual targets selected
Based on a 10mV threshold
EM61-MK2 Chan 2

It is recommended that the areas
indicated in red be sampled to
determine the nature of the
anomalies before each individual
target is investigated.



U.S. Army Engineering & Support Center Huntsville

DISCLAIMER: The data represent the results of data collection/processing for a specific U.S. Army Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time, and accuracy specifications. The user is responsible for the results of any application of the data for other than its intended purpose.

- Results from the survey recommended 252 individual anomalies and three polygons to be investigated by digging
- Army Corps of Engineers Military Munitions Center of Expertise is contracting out the anomaly investigation
- Currently, Fort Campbell has listed the site as 'Off Limits' and is preventing access with a perimeter fence



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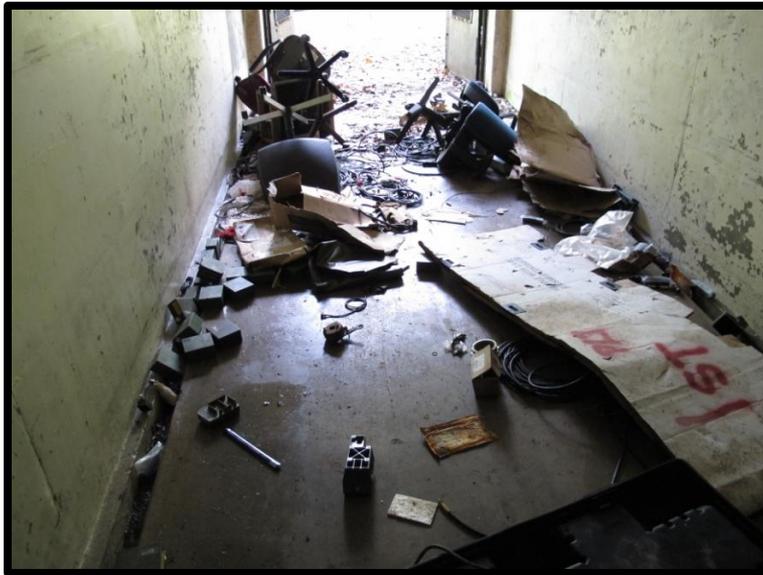
Illegal Dumping of Hazardous Wastes

- A hazardous waste is a waste that is dangerous or potentially harmful to our health or the environment. Hazardous wastes can be liquids, solids, gases, or sludges. They can be discarded commercial products, like cleaning fluids or pesticides, or the by-products of manufacturing processes (US EPA, 2013).
- The intensity and scale of illegal dumping on post has increased to the point that Ft. Campbell is at risk for a large Notice of Violation (NOV).
- The penalty for illegal dumping is **\$37,500 per violation per day**.
- Financial penalties are paid using individual unit funds.
- The state and/or federal authorities can also choose to pursue **criminal action** against the violator(s).
- Regulators visit the installation frequently and are known to conduct surprise inspections.



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- Approximately 100 lithium batteries were discovered in a bunker on Old Clarksville Base in August 2011.
- According to packing list, these batteries had likely been dumped one year before they were found.
- If state or federal regulators had made this discovery, the following penalty could have been the result:
 - 100 lithium batteries X \$37,500 per violation = **\$3,750,000.**
 - \$3,750,000 X 365 days = **\$1,368,750,000.**

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- Several boxes of expired medical supplies (auto injectors and pills) were found off of Killebrew Road in February 2012, 5 days after they were dumped.
- Potential for fines:
 - 20 boxes x \$37,500 = **\$750,00**
 - \$750,000 x 5 days = **\$3,750,00**
- The unit responsible for dumping the waste was quickly identified through BACH, and they cleaned up the area and disposed of the waste properly.



Restoration



Preventing Illegal Dumping

- Consult EQO Handbook for instructions on proper disposal.
- Contact Pollution Prevention Branch at Building 5134 on Wickham Avenue for assistance.
- Visit PPOC Yard (behind Building 5134) where original materials were issued.

Controlling Illegal Dumping

- Bar codes are on present on every item issued by PPOC, and these bar codes can be used to track the item back to the unit to whom they were issued.
- Any observed illegal dumping should be reported to the Restoration Program.
 - Jeremy Rains – 270.798.9768
 - Carol Canada – 270.798.9770
- Potential dump sites are monitored and trail cameras are used.



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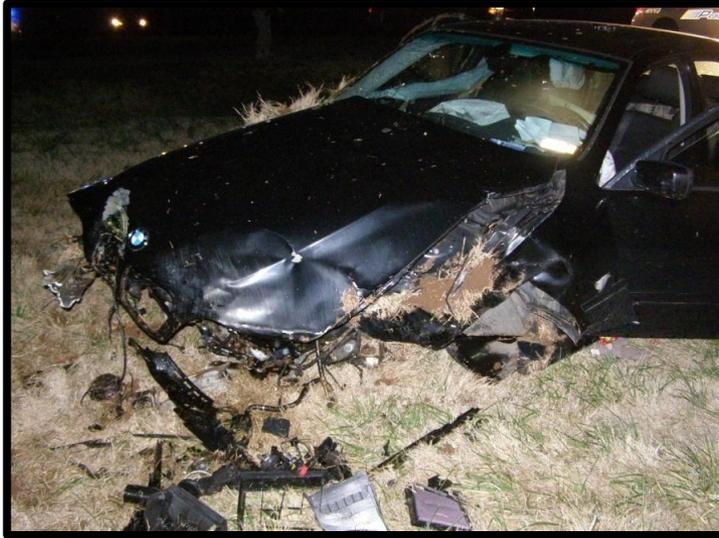


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Questions?

