CONSTRUCTION/DEMOLITION (C&D) DEBRIS

POSSIBLE AREAS OF CONCERN

Potential environmental impacts associated with the landfilling of C&D debris are groundwater, water, and air pollution. A growing concern involves the environmental impacts linked to the disposal of pressure-treated lumber. DoD Sustainable Management of Waste in Military Construction, Renovation, and Demolition Activities can minimize the potential negative environmental impact while achieving mandatory waste reduction goals.

CHARACTERIZATION

Only non-hazardous C&D debris that cannot be reused or recycled can be taken to the installation's C&D Landfill. Materials comprising C&D debris can sometimes be contaminated with undesirable components and/or toxic compounds such as asbestos, lead-based paint, varnish, creosote and adhesives. C&D debris determined to be hazardous is regulated under RCRA Subtitle C, while non-hazardous C&D debris is regulated under RCRA Subtitle D.

HANDLING PROCEDURES

Step 1 Review Ft. Campbell's Technical Design Guide **https://media.defense.gov/2024/Oct/02/2003557062/-1/-1/0/TDG_FY21_15_DEC_2021_v.07.PDF** for C&D debris requirements, Section 2.1.4 Solid Waste Disposal / Recycling Diversion Practices.

Step 2 Develop and submit a C&D Waste Management Diversion Plan (must achieve 60 % diversion) for approval by general contract COR. Contractors must evaluate all diversion options and make good-faith effort to achieve the highest diversion rate within the project schedule and budget.

Step 3 Submit weights generated by reusing, salvaging, returning or recycling to the Solid Waste/Recycling Section.

NOTE: **Concrete and Asphalt must be delivered separate from other C&D materials. Maximum size of concrete delivered to the Woodlawn Landfill is 24"x 36"x 18".**

C&D Debris Segregated for Recycling

GENERAL INFORMATION

Contract specifications require at least a 60% diversion of construction/demolition debris from the Woodlawn C/D landfill. For more information, contact the **Environmental Division Solid Waste/Recycling**. For more information, r*efer to protocol sheets, A-59 Landfill Dump Tickets and A-27, A-28, A-29Dig Permits.*

DIG PERMIT/UTILITY LOCATE

(Garrison and Training Area)

POSSIBLE CONTAMINANTS OF CONCERN

Failure to locate underground utilities (water/sewer, electric, gas, phone, steam/chill water, control cables, petroleum/POL, cable TV) and environmental/historical sensitive areas (archeological sites, former solid waste disposal sites) can cause dangerous interruptions, hazardous situations and potential violations and fines. Additional clarifying information can be found in CAM Regulation 420-3.

CHARACTERIZATION

Utility Locate requests are required before any hand digging, excavation, or earthwork is performed within the cantonment or rear training areas.

HANDLING PROCEDURES

NOTE: Step by step instructions on how to submit for a dig permit can be found on page A-27 / A-28 / A-29.

Step 1 Applies to Military, civilians, tenants, contractors, utility operators, or any other entity performing disturbance of soil within the Fort Campbell cantonment area and/or any road and utility Right-of-Ways, training facilities/complexes in the rear area.

Step 2 Excavator will call the Tennessee One-Call System, either by phone at 1-800-351-1111 or the internet at **http://call811.com/map-page/tennessee**. Requests **MUST** be initiated a minimum of 72 hours before excavation is to begin. Provide information requested.

Step 3 Once information is verified (make sure the information read back is correct), a ticket will be generated and is only valid for 14 calendar days starting with the first day/time the ticket becomes valid.

NOTE: Coordinate with the DPW – NEPA Program for all activities concerning soil excavation, construction, renovation, maintenance, or demolition of buildings, building grounds, motor-pools, structures, etc. within the Fort Campbell cantonment area. Submit a FC Form 200-1 to NEPA Program prior to ensure environmental reviews are coordinated and compliance is met.

NOTE: All movement of soils and construction materials other than demolition debris on Fort Campbell must be coordinated through **Engineering Design Branch** for reutilization on Fort Campbell. Materials include topsoil, rock, mixed materials and some asphalt. A permit will be issued to the contractor to place in all trucks hauling materials.

NOTE: Excavation may generate storm water discharge issues. Contact **DPW Storm Water** for clarification.

Always obtain approval before digging

APWA Uniform Color Code	
White	Proposed Excavation
Pink	Temporary Service Markers
Red	Elec. lines, Cables, Conduit
Yellow	Gas, Oil, Steam
Orange	Phone, Alarm Signal
Blue	Potable Water
Purple	Reclaimed Water/Irrigation
Green	Sewer/Dirty Water

GENERAL INFORMATION

For additional information about Garrison/Cantonment area contact **DPW Contract Management Branch** for Rear Area, contact **Range Control 270-956-1928 or 270-956-1778.**

DIG PERMIT/UTILITY LOCATE

(Garrison and Rear Training Area – Step by Step Procedure)

POSSIBLE CONTAMINANTS OF CONCERN

Failure to locate underground utilities (water/sewer, electric, gas, phone, steam/chill water, control cables, petroleum/POL, cable TV) and environmental/historical sensitive areas (archeological sites, former solid waste disposal sites) can cause dangerous interruptions, hazardous situations and potential violations and fines. Additional clarifying information can be found in CAM Regulation 420-3.

CHARACTERIZATION

Utility Locate requests are required before any digging, excavation, or earthwork is performed within the cantonment or rear training areas.

HANDLING PROCEDURES

Prior to any activity that involves ground disturbance, a dig permit must be obtained from the DPTMS Range Branch. After the dig permit is obtained from Range Control, the unit must then call or email TN One-Call *at a minimum of* 72 hours prior to the training event for approval to dig. The phone number is 811 or 1-800-351-1111 or go online to **www.tnonecall.com**. The TN One-Call system is available Monday to Friday, excluding federal holidays. Please follow the following steps before any training activity that involves ground disturbance.

Step 1: Contact the DPTMS Range Branch at (270) 956-1778 to submit a dig request at least 2 weeks in advance. The unit should provide the exact location the training will take place. If the exact location has not been determined, please provide the DPTMS Range Branch with the training requirements and a suitable training location will be provided. The unit must also provide the total area of ground disturbance required for the training activity.

Step 2: DPTMS Range Branch will create a map of the location and extent of the ground disturbance associated with the training activity and submit the location to the Department of Public Works (DPW) Environmental Division for review.

Step 3: The dig request will be approved if there are no environmental issues or concerns, and DPTMS Range Branch will be notified that the ground disturbance for the associated training activity can occur without further revision. However, if environmental constraints prevent any ground disturbance in the desired location, the unit will be contacted by either the DPTMS Range Branch Point of Contact or a member of the Fort Campbell Environmental Division. Then every possible step will be taken by the Fort Campbell Environmental Division to find an alternative site for the training activity. This revised dig request will then be resubmitted by the unit to the DPTMS Range Branch for Environmental Review. Once the dig request is approved the unit will be notified by the DPTMS Range Branch.

Step 4: After the unit has been notified by the DPTMS Range Branch that the dig request has been approved, the unit must contact TN One-Call in order to receive a dig permit.

Step 5: Prior to contacting TN One-Call, the unit must know the Latitude/Longitude coordinates of the project area. Military Grid Coordinates (MGRS) can be converted to Latitude/Longitude points using the following web site: **http://www.legallandconverter.com/p50.html.**

GENERAL INFORMATION

Please contact the DPTMS Range Branch at (270) 956-1778 or the Fort Campbell Cultural Resources Office at (270) 412-8174 if you have any questions about the Dig Permit process.

LANDFILL DUMP TICKETS

POSSIBLE CONTAMINANTS OF CONCERN

Unauthorized use/contamination of the government construction and demolition landfill.

CHARACTERIZATION

All construction and demolition debris generated on Ft. Campbell must be disposed of at the Woodlawn Construction Demolition Landfill. Landfill dump tickets are issued to prevent the unauthorized use of the government landfill and provide quality assurance.

HANDLING PROCEDURES

Step 1 Come to **Environmental Division Solid Waste/Recycling** (Building 3709 Polk Rd Room 114) to get a dump ticket.

- Ask for a set of guidelines as to what can go into the Landfill.

Step 2 Must have a signed copy of the contract.

Step 3 Landfill ticket will be issued one per truck that will be dumping. Tickets are valid for the length of the contract.

NOTE: Tarp load before hauling to the landfill.

NOTE: Excess non contaminated soil can be used on the installation, contact **DPW Environmental Solid Waste Manager**

Woodlawn Construction and Demolition Landfill, building 6695, is located 5.73 miles SW of Gate 10 on 101st Airborne Division Rd. Landfill hours are 0730 to 1600 hours Mon-Thurs., Fridays 0730-1130, closed on Federal Holidays.

GENERAL INFORMATION

Contractors are responsible for retaining the dump ticket and ensuring loads delivered under the ticket ***DO NOT*** include unacceptable materials. For additional information, contact **Environmental Division Solid Waste/Recycling. 270-798-9785**

For guidance on Construction and Demolition (C&D) materials see protocol sheet A-25

RECYCLABLES

POSSIBLE AREAS OF CONCERN

Recyclable items, other than paper and paper products, cannot be placed in blue recycling containers (i.e., CD's, aluminum cans, plastics, food-contaminated paper, glass, etc.).

CHARACTERIZATION

Many items can be recycled on Ft. Campbell, including aluminum cans, NON-Government electronics (i.e., cell phones, cordless phones, household computer equipment. – printers, faxes, monitors, CPU, scanners, Nintendo's, X-Boxes and other electronic game equipment.). The Installation Recycling Policy encourages all organizations to recycle all acceptable materials.

HANDLING PROCEDURES

Step 1 Segregate and take recyclable items to the Convenience Center to include off post recyclables **ONLY**. **NO OFF-POST TRASH ACCEPTED**

NOTE: Cell phone and related batteries should be managed as hazardous waste. They should be placed in unit communications storage locker or returned to the store where replacement batteries are purchased for proper disposal.

NOTE: Only government cell batteries can be turned into the PPOC for proper disposal.

RECYCLE	Convenience Center Airborne St & A Shau Valley Rd 798-5695	PPOC 2nd & Wickham 798-9771/ 1157/9790	DLA Disposition Services-Campbell 5th & Oregon 798-3295
Aluminum/Tin Cans	X		
Antifreeze	X	X	
Appliances (Non-Military)	X		
Batteries (Lead-Acid) Military		X	
Batteries (Non-Lead Acid) Military		X	
Batteries (POV)	X		
Cardboard	X		
Cooking Oil	X		
Concertina Wire	See A-24		
E-waste	X		
Fuel (inc. kerosene)	X	X	
Field Trash	X		
Glass	X		
Hazardous Materials (Military)		X	
Household Hazardous Waste	X		
Military Property			X
MRE Heaters (Unused)	X		
Pallets (Broken)	X		
Pallets (Useable) (wood & plastic)	X		
Paper	X		
Parts Washer Solvent		X	
Plastics #1 & #2	X		
POL Military		X	
POV Fluids	X		
Printer Cartridges	X		
Spill Response Materials Used		X	
Steel / Iron	X		
Tires (POV) No Rims	X		
Tires (Military)			X
Wood/Yard Waste/Leaves	X		

GENERAL INFORMATION

For more information on recycling, call **Environmental Division Solid Waste /Recycling**.