



2024 Thirteenth
Edition

Fort Campbell, KY



Understanding and Complying with
Fort Campbell Environmental Laws

Environmental Handbook

Fort Campbell's Definitive Environmental Resource



Convenience Center (CC1)

BLDG 6802 Airborne St & A Shau Valley

270-798-5695

RECYCLE AT FORT CAMPBELL	Aluminum / Tin Cans	Artifreeze	Appliances (Non-Government)	Batteries (Lead-Acid, Government)	Batteries (Non-Lead-Acid, Government)	Batteries (Lead-Acid) PO V	Cardboard	Cooking Oil	Concetta Wire	E-Waste	Fuel	Field Trash	Glass	Hazardous Materials (Government)	Household Hazardous Waste	Government / Military Property	MRE Heaters (Unused)	Pallets (Broken)	Pallets (Useable, wood & plastic)	Paper	Weapons Cleaner / Parts Washer Solvent	Plastic (#1 & #2)	POL (Government / Military)	POV Fluids	POV Tires (No Rims)	Printer Cartridges	Spill Response Materials	Steel (Non-Government / Military)	Tires (Government / Military)	Wood / Yard Waste /Leaves
	✓	✓	✓			✓	✓	✓		✓	✓	✓	✓		✓		✓	✓	✓	✓	✓	✓		✓	✓	✓		✓		✓
Convenience Center (Airborne St & A Shau Valley Rd) 798-5695	✓	✓	✓			✓	✓	✓		✓	✓	✓	✓		✓		✓	✓	✓	✓	✓	✓		✓	✓	✓		✓		✓
PPOC (2nd Street & Wickham Ave) 798-1157/9790		✓		✓	✓						✓			✓							✓		✓				✓			
DLA Disposition Services-Campbell (8th St & Oregon Ave) 798-3295									✓							✓													✓	

WELCOME TO THE FORT CAMPBELL RECYCLING CONVENIENCE CENTER
-HOURS OF OPERATION-
 MONDAY THRU FRIDAY 0830-1630 HRS
 SATURDAY 0800-1630 HRS
 SUNDAY 1200-1600 HRS
 DOWNS AND HOLIDAYS 0800-1600 HRS
 --CLOSED ON JAN 1st, 4 JULY, THANKSGIVING DAY AND DEC. 25th--
 --CLOSED FOR LUNCH 1130-1200 HRS--



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ENVIRONMENTAL GUIDANCE HANDBOOK

This is an UNCONTROLLED DOCUMENT printed for reference only. The controlled document is on-line on the Fort Campbell Internet under Directorate of Public Works, Environmental Division.

<https://home.army.mil/campbell/index.php/about/Garrison/dpw/environmental/eqo-handbook>

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Chapter 1 Introduction

This Environmental Guidance Handbook prescribes responsibilities, policies, and instructions for managing environmental issues at Fort Campbell, KY, required by applicable federal, state (TN & KY), local laws, regulations and Army Regulation (AR) 200-1, Environmental Protection and Enhancement, and CAM Reg. 200-1.

Many Soldiers and leaders feel environmental issues are a side bar, something extra that has to be done that will inhibit or restrict the mission. It is quite the opposite. If we do not take into consideration the health and welfare of our troops, our mission will suffer. These instructions are designed to enhance and support the warfighter and make their mission more easily accomplished and still protect and preserve our natural resources for generations to come.

Chapter 2 Purpose and Scope

This Handbook supports Fort Campbell Environmental programs. It applies to the following:

- All organizations, activities and contractors located on Fort Campbell.
- Any outside organization or activity training at Fort Campbell.

I. Reviews and Revisions

The Fort Campbell Environmental Division will review this Handbook annually. All Environmental Quality Officers (EQOs), as well as any other Fort Campbell personnel directly involved in Environmental issues, are encouraged to provide comments and suggestions to improve this Handbook. Submit comments to the Environmental Education Program Manager.

II. Applicable Regulations

- State Regulations
 - Ft. Campbell is regulated by both the states of Kentucky and Tennessee hazardous waste programs.
- Federal Regulations
 - In order to comply with the Federal Facilities Quality Act, Fort Campbell must manage its waste in accordance with (IAW) the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments (HSWA). Federal waste management regulations are codified in Title 40 of the Code of Federal Regulations (CFR). This handbook provides instructions for complying with the following parts of 40 CFR:
 - Part 240 through Part 259 for the regulation of solid waste
 - Part 260 through Part 272 for the regulation of hazardous waste
 - Part 273 for the regulation of universal waste
 - Part 279 for the regulation of used oil
 - Fort Campbell must also comply with the following:
 - Defense Transportation Regulations which incorporate by reference 49 CFR Parts 170 through 177 regarding hazardous materials transportation
 - 29 CFR Part 1910 regarding employee safety

- Military Regulations
 - Fort Campbell personnel must comply with AR 200-1, Environmental Protection and Enhancement, and CAM Reg. 200-1, Fort Campbell's Environmental Strategy Regulation.

III. Responsibilities

The following responsibilities are organized according to the Ft. Campbell command structure. Commanders will appoint EQOs IAW CAM Reg. 200-1.

- Environmental Division

The Environmental Division will:

 - Coordinate, inspect, or manage all aspects of installation actions relative to environmental regulations.
 - Serve as the single point of contact for federal, state, and local agencies with regard to environmental permits, interpretation of regulatory requirements, coordination and resolution of non quality issues or findings.
 - Monitor installation compliance with federal, state, and local environmental requirements, including activities of tenants, and recommend to the Garrison Commander necessary or advisable changes in policies to improve program management.
 - Coordinate the analysis of waste to determine if it is hazardous and provide copies of waste analysis prior to release to DLA Disposition Services-Campbell (formerly DRMO).
 - Immediately advise the Garrison Commander of the receipt of enforcement notices of violation, consent orders, or quality agreements.
- Commanders / Facility Managers

Implementation of the best management practices outlined this handbook requires the support of unit commanders and facility managers. Specifically, commanders and facility managers should:

 - Assign personnel to key positions outlined in this Handbook.
 - Enforce regulatory requirements and best management practices and procedures.
 - Utilize the Environmental Quality Officer (EQO) as the central point of contact for coordination and resolution of environmental issues.

- Environmental Quality Officer (EQO)

The EQO will:

- Function as a liaison on all environmental issues between the unit and the Environmental Division.
- EQO will be trained in accordance with CAM Regulation 200-1 (Appendix D).
- Implement the instructions established by this Handbook and enforce compliance.
- Oversee the activities of the Satellite Accumulation Point Operator, POL/Used Antifreeze Accumulation Point Operator and HAZMAT custodian.
- Conduct environmental inspections of activity or unit areas. Ensure weekly inspections of POL/Used Antifreeze Accumulation Points and Satellite Accumulation Points are completed and documented.
- Implement spill procedures when necessary.
- Notify the Environmental Division of changes to operations, including waste stream process changes, new waste streams, materials used, and materials stored.
- Ensure that appropriate unit personnel receive the proper level of environmental training (e.g., POL Accumulation Point Operator, SAP Operator, HAZMAT custodian, Spill Planning & Prevention, Defense HAZMAT Training, etc.).
- Brigade EQOs ensure each BN has an EQO appointed on orders and trained (see CAM Reg. 200-1).

- Satellite Accumulation Point Operator

The Satellite Accumulation Point (SAP) Operator will:

- Attend initial and annual Satellite Accumulation Point Operator training.
- Coordinate with the environmental division to establish and maintain the SAP
- Operate the Satellite Accumulation Point in accordance with this handbook.
- Conduct weekly inspections, document deficiencies and corrective actions, and enforce compliance.
- Coordinate with the EQO to resolve noncompliance issues.
- Maintain required documentation in the SAP Six Part Folder.
- Implement spill procedures when necessary.

- POL/Used Antifreeze Accumulation Point Operator

The POL/Used Antifreeze Accumulation Point Operator will:

- Attend Oil Handler Personnel training, if accumulating used oil in quantities 55 gallons or greater.
- Coordinate with the Environmental Division to establish and maintain the POL Accumulation Point.
- Operate the POL accumulation point in accordance with this handbook.
- Conduct weekly inspections, document deficiencies and corrective actions, and enforce compliance.
- Maintain required documentation in the POL Accumulation Point folder.
- Coordinate with the EQO to resolve noncompliance issues.
- Implement spill procedures when necessary.

- HAZMAT Custodian

Units may designate a HAZMAT custodian to maintain materials contained and HAZMAT Storage units/lockers. These personnel receive procedural training from the unit EQO or PPOC HAZMAT delivery personnel.

The HAZMAT custodian will:

- Coordinate with the EQO and PPOC delivery personnel to maintain established HAZMAT inventories.
- Maintain the MSDS/SDS binder.
- Ensure containers placed in the HAZMAT return locker are labeled with their contents.
- Follow the procedures outlined this handbook.
- Establishing a HAZMAT locker, see the (Environmental Protocol Sheet (page A-46) labeled “HAZMAT Locker- Establish.”

Chapter 3 Environmental Waste Made Easy - Environmental Protocol Sheets

All Fort Campbell facilities generate waste, whether it is residue from the use of products or products themselves that are no longer useable for their intended purpose. Proper waste management can be very difficult, especially if you don't do it every day. For example, the procedures for handling asbestos are much different than those for managing waste paint thinner. Many items exist that require mandatory recycling, or recycling as a best management practice (BMP).

In order to simplify the recycling/waste management process, specific work instructions for wastes commonly generated at Fort Campbell have been developed in the form of Environmental Protocol Sheets (EPSs). The EPSs are easy to follow, laying out step-by-step how to manage each waste stream. These EPSs can be found in Appendix A and are accessible using the Fort Campbell Environmental Division link <https://home.army.mil/campbell/index.php/about/Garrison/dpw/environmental/eo-handbook>.

To use the EPSs, turn to Appendix A and find the "Environmental Protocol Sheet Index". Find the particular waste or issue you are looking for and turn to that sheet. The handling procedures are self-explanatory. If you cannot find your waste or environmental issue in the index, contact the Environmental Division for guidance.

NOTE: EPS information underlined in bold (e.g., "Range Control", indicates point of contact telephone number and location are listed under" IMPORTANT PHONE NUMBERS/ADDRESSES" at the back of this Handbook.

NOTE: If you want an EPS that is not in Appendix A, you may request one by calling the Environmental Division, Education Program

Chapter 4 Managing Hazardous Materials

Hazardous materials, hazardous chemicals, hazardous substances, hazardous waste, toxic chemicals, dangerous goods, etc. – these identifying names all refer to hazardous materials and will be collectively referred to as HAZMAT in this section. Many commodities received, stored, and issued by installations possess unique characteristics requiring specialized care and handling. No other single group of commodities requires the degree of specialized handling mandated by public laws and regulations as the group broadly described as HAZMAT.

Failure to properly identify, store, and handle such material poses serious health risks for personnel. It can result in death, injury, or long-term chronic physical disability of personnel and property or environmental damage. It is imperative that the hazards associated with the storage and handling of these materials is understood by all personnel required to physically handle them.

Chapter 5 Hazardous Materials Control Center (HMCC) / Pollution Prevention Operations Center (PPOC)

Fort Campbell operates a centralized Hazardous Materials Control Center also known as the Pollution Prevention Operations Center (PPOC). The purpose of this program is to enhance combat readiness, establish regulatory compliance and inventory management procedures for all hazardous materials used during industrial work processes on Fort Campbell. The instructions in this document are mandatory for all units and activities that are customers of the HMCC/PPOC on Fort Campbell, Kentucky.

Nearly all activities on Fort Campbell use HAZMAT, which are essentially those items requiring a Material Safety Data Sheet (MSDS) or Safety Data Sheet (SDS). The EQO for the facility is responsible for properly maintaining HAZMAT to minimize safety hazards, prevent spills, and reduce hazardous waste generation. MSDS/SDS are initially provided to units when the HAZMAT locker is set up, and if new product is introduced to the locker, an MSDS/SDS is provided. **It is the unit's responsibility to maintain the MSDS/SDS book.**

All units/activities that store Hazardous Materials are required to establish a Hazardous Communication (HAZCOM) Program. AR 385-10 section 16-2 requires all civilian and military personnel of the Department of Defense to comply with the Hazard Communications Standard, 29 CFR 1910-1200. CAM Reg. 385-6 and the Installation Safety Office (ISO) establish the Ft. Campbell program.

The Environmental Division programs have a very close interface and support of the Hazcom program. Units and activities should contact Installation Safety Office for more information. All individuals must be informed of any physical and health hazards that they may be subjected to in the performance of their duties. Hazcom training must be given annually, when new personnel are assigned to the unit, and when a new hazardous material is introduced into the workplace. See also 29 CFR 1910.1200 for more detailed information.

To establish a HAZMAT locker, see the Environmental Protocol Sheets (page A-46) labeled "HAZMAT Locker- Establish."

The following supply procedures will be utilized to replenish materials for units and activities that have been formally inducted into the PPOC/HMCC operation:

- 1) All classes of supplies must now be requisitioned and paid for up front through the Army Supply System/GCSS-Army including any hazardous materials. This includes all HAZMAT required to build pre-positioned UBL/Contingency packages for training exercises, JRTC, real-world deployments, etc. The two packages consist of one 15 DOS CLIII (P) package and one 5 DOS CLIX Battery package which vary in contents depending on the unit's size and their equipment/vehicles.
- 2) All classes of supply are delivered to the ordering unit's respective Brigade Tactical Supply Support Activity (SSA). PPOC Staff are on DA1687 authority to pick up all HAZMAT items from the SSA. This includes any CLII, III, IV, and IX hazardous materials. Once the items are picked up they are brought to the PPOC for data entry into the EESOH-MIS HAZMAT tracking database. Fort Campbell has an annual EPA requirement to submit annual EPCRA reports that annotate HAZMAT usage on Fort Campbell. All HAZMAT brought onto the Installation must be captured in the EESOH-MIS database to ensure accurate reporting.

- 3) Once at the PPOC HAZMAT products are either delivered to the 7 DOS Shop-Stock (HAZMAT lockers) located at the unit motor pool or hangar maintenance area or they are stored on the shelf at the 15 DOS Bench-Stock Warehouse (PPOC) until they are needed at the shop location. If the items were ordered to replenish UBL/Contingency (CLIII (P) or CLIX Batteries) stocks, then those items will go to their respective warehouses at the PPOC.
- 4) PPOC Staff will assist each unit by providing the BMO/PLL Clerk with HAZMAT order sheets including NSNs/unit of issue/quantities needed to replenish stocks at the Bench-Stock Warehouse.
- 5) PPOC drivers deliver new HAZMAT products to the motor pools/hangars and remove any empty containers and used product for proper disposal. See the Environmental Protocol Sheets (A-46, 47, 48) for additional guidance.
- 6) Commanders/directors should ensure that all HAZMAT materials utilized in support of maintenance functions are obtained through the PPOC/HMCC.
- 7) Unit/activities shall not use their Government Purchase Credit Card (GPC) to purchase HAZMAT Supplies without proper approval from the DPW Environmental Division Pollution Prevention Branch located at BLDG 5134, 2nd St & Wickham Ave (270-798-9769).

Chapter 6 Managing Hazardous Waste/Satellite Accumulation Points (SAP)

This chapter describes how to manage wastes generated at Fort Campbell facilities, including hazardous waste (HW), universal waste (UW), non-hazardous industrial waste (NHIW), special waste, and general refuse. The following topics are covered:

- Generating and Accumulating Waste
- Satellite Accumulation Points
- How to establish a SAP
- How to close a SAP
- How to move a SAP

Generating and Accumulating Waste

Many activities/facilities at Fort Campbell generate hazardous and universal wastes. These wastes must be accumulated temporarily at the generating facility in accumulation points or turned in to the PPOC immediately upon generation. Call PPOC Hazardous Waste Pick-Up at 270-798-9790 to coordinate removal of waste from the accumulation point.

HW Satellite Accumulation Points

Facilities may accumulate as much as 55 gallons of HW or one quart of acutely HW (for example Blanchfield Army Community Hospital) in containers *at or near* the point of generation where wastes initially accumulate. This area is commonly referred to as a HW Satellite Accumulation Point (SAP). The SAP **must** be under the control of the operator of the process generating the waste. “Under control” means that the person generating the waste controls what waste is put in the container ensuring no cross-contamination with other wastes. Each container in a SAP must be kept closed except when adding or removing contents. The containers must be in good condition and labeled.

NOTE: Because the definition of a SAP is somewhat subjective, the Environmental Division Hazardous Waste Program will determine where a SAP may be located. Do not establish SAPs without Environmental Division approval.

The purpose of a SAP is to allow you some relief from having to immediately take waste to the PPOC. Regulators closely inspect SAPs, so special care should be taken in managing them. The generator of the HW must be able to show a regulator that the waste is managed from cradle to grave. To do this we use a Six-Part Folder. Forms used to open, close or recertify a SAP can be found in Appendix E

Note: A building diagram depicting the location of the SAP is required to establish or recertify a SAP.

How to Establish a SAP

When it is determined that hazardous waste is being generated:

1. All hazardous and universal waste sites are regulated by the EPA and the state. Any unit/activity generating hazardous waste will contact the Environmental Division for approval of on-site accumulation.
2. To establish an SAP, see the appropriate protocol sheet for the waste identified, or call Environmental Division Hazardous Waste if unsure.
3. Submit a SAP establishment memorandum signed by the Commander/Facility Manager and EQO, and a site diagram showing the location of the SAP, to the Environmental Division Pollution Prevention Branch located at BLDG 5134, 2nd St and Wickham Ave (270-798-9786/9773/9762).

Note: Forms used to open, close or recertify a "Satellite Accumulation Point" can be found in Appendix E

4. When the SAP is approved, the Environmental Division will assist the primary individual in constructing a Six-Part Folder. The Six-Part Folder is a tool to manage the hazardous/universal waste from cradle-to-grave to include records of inspection, training, and turn-in of the hazardous/universal waste. *Note: Centralized accumulation points (e.g., Troop Self Help, AAFES Warehouse, BACH, and Fort Campbell Schools Warehouse) maintain a SAP for fluorescent tubes and mercury containing lamps. Units and tenant activities are not required to establish a SAP for spent lamps and should refer to the EPS for “Fluorescent Tubes and Mercury Containing Lamps” on page A-31.*

5. The Environmental Division will provide annual SAP training to the unit/activity on the Hazardous Waste Resource Conservation and Recovery Act (RCRA) ensuring proper management of the SAP to maintain environmental compliance. Initial and annual SAP training is required for anyone who performs duties involving hazardous waste management personnel training or inspection of hazardous waste sites. EQO training provides SAP training that is good for only one year from the date of initial training.

How to Close a SAP

Military units

If a unit has a Satellite Accumulation Point and all assets are deployed, close the Satellite Accumulation Point (SAP).

1. Submit a SAP closure memo signed by the Commander and EQO to the Environmental Division Pollution Prevention Branch located at BLDG 5134, 2nd St and Wickham Ave (270-798-9786/9773/9762).
2. Call to set up an appointment to turn in hazardous waste to the 90-Day Yard located at BLDG 5132, 2nd St and Wickham Ave (270-798-9790).
3. Place a copy of the SAP closure memo on the outside of the CBRNE (NBC) room door.
4. Keep the SAP Poster, Six-Part Folder, and the empty accumulation containers for use when the unit returns to Fort Campbell.

Tenant units and activities

If hazardous waste is no longer being accumulated, close the Satellite Accumulation Point (SAP).

1. Submit a SAP closure memo signed by the Commander/ Facility Manager and EQO to the Environmental Division Pollution Prevention Branch located at BLDG 5134, 2nd St and Wickham Ave (270-798-9786/9773/9762).
2. Call to set up an appointment to turn in hazardous waste to the 90-Day Yard located at BLDG 5132, 2nd St and Wickham Ave (270-798-9790).
3. Coordinate with the Environmental Division for further guidance.

How to Move a SAP

1. Submit a SAP closure memo signed by the Commander/ Facility Manager and EQO to the Environmental Division Pollution Prevention Branch located at BLDG 5134, 2nd St and Wickham Ave (798-9786/9773/9762).
2. Call to set up an appointment to turn in hazardous waste to the 90-Day Yard located at BLDG 5132, 2nd St and Wickham Ave (270-798-9790).
3. Transfer the SAP Poster, Six-Part Folder, and the empty accumulation containers for use at the new site.
4. Submit a SAP establishment memo for the new site, signed by the Commander/Facility Manager and EQO to the Environmental Division, with a site diagram depicting the SAP location.
5. When the SAP is approved, file the new approval letter in the Six-Part Folder and resume hazardous waste accumulation.

Chapter 7 POL Management

This chapter describes how to establish and manage "Used POL and Used Antifreeze Accumulation Points" established throughout the facility. The most common location for a Used POL and Used Antifreeze Accumulation Point is a motor pool or aviation hangar. These sites are subject to state and federal environmental compliance inspections. Contact the unit/activity EQO or DPW Environmental Hazardous Waste for assistance. The following topics are covered:

- How to establish a Used Oil and/or Used Antifreeze Accumulation Point
- How to close a Used Oil and/or Used Antifreeze Accumulation Point
- How to move a Used Oil and/or Used Antifreeze Accumulation Point

I. How to Establish a Used Oil and/or Used Antifreeze Accumulation Point:

Note: Refer to the "Antifreeze" and/or "Oil (Used)" protocol sheet and call Environmental Division Hazardous Waste Section for assistance.

To establish a Used POL and/or Used Antifreeze Accumulation Point:

- Submit a memo signed by the Commander/ Facility Manager and EQO requesting establishment to the Environmental Division Pollution Prevention Branch located at BLDG 5134, 2nd St & Wickham Ave (270-798-9786/9773/9762). Also, provide a site diagram depicting the location of the accumulation point.
- Maintain a documentation folder with the establishment memo and diagram, training documentation, and inspection sheets (weekly and monthly). Records of Oil Handling Personnel training must be maintained for 3 years.

Note: Forms used to open or close a "Used Oil and/or Used Antifreeze Accumulation Point" can be found in Appendix E

Note: Initial and annual Oil Handling Personnel training is required for bulk quantities greater than or equal to 55 gallons. For more information, please contact the Environmental Division Spill Response/Storage Tank Program (270-798-9637 or 270-798-9601).

II. How to Close a Used Oil and/or Used Antifreeze Accumulation Point:

1. If all vehicles and generators are deployed and there is no need to accumulate POL products, close the accumulation point.
2. Submit a closure memo signed by the Commander/ Facility Manager and EQO to the Environmental Division Pollution Prevention Branch located at BLDG 5134, 2nd St & Wickham Ave (270-798-9786/9773/9762).
3. Call 270-798-9790 to schedule a time to have the Used Oil pumped out of the accumulation drum(s).
4. Call 270-798-9790 to schedule a time to have Used Antifreeze removed from the site. The entire full drum(s) of Used Antifreeze will be removed and an empty replacement will be left in its place.
5. Secure Secondary Containment Units (SCU) until the unit returns to Fort Campbell or coordinate turn-in to the PPOC. Serviceable SCUs – PPOC Services (270-798-9791). Unserviceable SCUs - DLA Disposition Services-Campbell (270-798-9519).

III. How to Move a Used Oil and/or Used Antifreeze Accumulation Point:

1. Submit a POL accumulation point closure memo signed by the Commander/ Facility Manager and EQO to the Environmental Division Pollution Prevention Branch located at BLDG 5134, 2nd St & Wickham Ave (270-798-9786/9773/9762).
2. Coordinate to turn in used oil/used antifreeze to the 90-Day Yard located at BLDG 5132, 2nd St & Wickham Ave. Call 270-798-9790 for Used Oil. Call 270-798-9790 for used antifreeze.
3. Keep the “Used Oil and/or Used Antifreeze Accumulation Point” poster, documentation folder, and empty accumulation containers for use at the new accumulation point.
4. Complete an establishment memo for the new site, signed by the Commander/ Facility Manager and EQO to the Environmental Division Pollution Prevention Branch located at BLDG 5134, 2nd St & Wickham Ave (270-798-9786/9773/9762). Also provide a new site diagram depicting the accumulation point location.
5. File the establishment memo and diagram in the documentation folder and resume POL accumulation.

IV. Training, Inspections and Recordkeeping Requirements:

Refer to Chapter 7 for training, inspections and recordkeeping requirements.

V. Used POL and/or Used Antifreeze Accumulation Point Management:

Refer to Appendix A for the "Antifreeze" and/or “Oil (Used)” environmental protocol sheet. Used POL and Used Antifreeze Accumulation Points must be inspected weekly by the unit/activity.

Chapter 8 Training, Inspections and Recordkeeping

This chapter gives information, instructions, and forms for required training, periodic internal inspections, and recordkeeping.

I. EQO Appointment/Training

CAM Reg. 200-1 Installation Environmental Strategy Plan (see Appendix D) outlines the requirements and required training for EQOs. EQOs are required to be appointed on orders and trained within 4 months after appointment as an EQO. Training is available through the Environmental Division, Education Program (270-798-9769 or 270-798-9595).

II. Unit Training

The Environmental Division Education Program is available to conduct site-specific training to units for Safety Stand down days, OPD, NCDP, etc. Command Safety and Fire Programs overlap with environmental issues, and can be combined with environmental training.

III. Satellite Accumulation Point Operator - Initial and Refresher Training

Satellite Accumulation Point Operators will complete a block of instruction on hazardous waste, universal waste, used batteries and POL management. SAP Operators are also required to complete annual refresher training. This training is available by calling the **Environmental Division, Hazardous Waste Program (270-798-9786/9773/9762)**.

Oil Handling Personnel Training

Oil Handling Personnel (OHP) training is regulatorily required for any installation personnel including garrison activities, units, tenants, tenant organizations, and contracted operations that are responsible for the transfer, transport, or handling of Petroleum, Oil, and Lubricant (POL) products in bulk quantities **greater than or equal to 55 gallons**. This training is conducted annually and is coordinated through the Spill Response/Storage Tank Program. New Oil Handling Personnel (OHP) must contact the Spill Response/Storage Tank Program for next available training date. Records must be maintained for three years as required by regulation 40 CFR 112. For more information or training dates, please contact **Environmental Division Spill Response/Storage Tank Program (270-798-9637 or 270-798-9601)**.

IV. Spill Awareness Training (Non-Oil Handling Personnel Training)

Spill awareness training is a best management practice for any installation personnel that may be responsible for the transfer, transport, or handling of POL products in quantities less than 55 gallons. This training provides awareness of the proper procedures for reporting, responding, and preventing POL discharges by becoming familiar with the **Spill Awareness Training and Resource Guide** and the **Spill Prevention Response and Notification Procedure (SPRNP) Sign**. For more information, please contact **Environmental Division Spill Response/Storage Tank Program (270-798-9637 or 270-798-9601)**.

V. Inspections

Environmental Division program personnel conduct various inspections within their programs. The Inspector General's Office also conducts periodic Command Inspection Program (CIP) assessments. The CIP checklist is located in Appendix C of this handbook.

VI. Satellite Accumulation Points (SAP)

Satellite Accumulation Points must be inspected by qualified unit/activity personnel on a weekly basis. The Environmental Division will conduct periodic compliance inspections. Inspection documentation will be retained by the unit/activity for three years. Contact the unit/activity EQO or **Hazardous Waste** for inspection checklists.

VII. POL Accumulation Points

POL Accumulation Points must be inspected by qualified unit/activity personnel on a weekly basis. The Environmental Division will conduct periodic compliance inspections. Inspection documentation will be retained by the unit/activity for three years. Contact the unit/activity EQO or **Hazardous Waste** for inspection checklists.

VIII. Recordkeeping

Oil Handling Personnel Training – Original Oil Handling Personnel (OHP) Training records are maintained by the Spill Response/Storage Tank Program. Personnel must sign in the OHP section of the **Spill Awareness Training and Resource Guide** and maintain these records until closure of the applicable area or until three years after the training date. Forms used to open or close a POL accumulation point can be found in Appendix E

Spill Awareness Personnel Training – As a best management practice, personnel must sign the Spill Awareness Training section of the **Spill Awareness Training and Resource Guide**. These records will be maintained until closure of the applicable area or until three years after the training date.

IX. HAZCOM Training

Command Safety has oversight of the HAZCOM training program. This training must be documented including the content of the training, date of training and who attended. CAM Reg. 385-6 states that this training will be conducted annually.

Chapter 9 Forest Management (270)798-2616

The Army's Forest management activities are highly visible to the general public. Significant payback in terms of mission support and public relations are elements that a well-planned, integrated and scientifically managed forest program can yield. Army policy provides for sustained yield timber management tailored to military mission requirements as the first priority. Additional benefits of an ecologically sound forest management program include protection of watersheds, cultural resources, and endangered species; recreational opportunities; improved wildlife populations and habitat; and natural beauty.

During training, only scrub tree limbs will be used for camouflage (i.e. sumac foliage, eastern red cedar and pine). Commercial hardwood trees will not be used. Trees will not be cut or damaged without prior approval from DPW Forestry Branch. *It is recommended that camouflage netting and associated systems be used to enhance the natural surroundings and not cut or destroy the trees which will perhaps reveal tactical positions more easily.*

To support the forest management effort at Fort Campbell, units should report all forest and grass fires to G3/Range Division. When a fire is started in a training area, the OIC should stop all training and concentrate on fighting the fire using all available personnel. The unit will continue to fight the fire until the fire is suppressed or until relieved by personnel from the Fire Department or DPW Forestry Branch. No one will enter an impact area for the purpose of fighting fires without approval of the installation Range Officer.

To prevent fires when using pyrotechnics, smoke pots, etc., place them in areas free of vegetation. Protecting and conserving the natural resources for present and future generations is an integral part of the military mission.

Chapter 10 Fish and Wildlife (270) 798-9854

The goal of the Fort Campbell Fish and Wildlife program is to professionally and scientifically manage fish and wildlife resources to support and enhance military training, provide for consumptive and non-consumptive use of natural resources, and to maintain compliance with applicable laws, policies, and regulations (ESA, MBTA, etc.). The program is roughly divided into 4 management groups, although the groups are interconnected into a cohesive unit. The 4 management groups are:

- Game/Habitat management
- Migratory Bird management
- Aquatic Ecology/Watershed management
- Endangered Species management

I. Game/Habitat Management

Fort Campbell biologists estimate population structure of many game species and manage their habitats on Fort Campbell using science-based survey protocols. These data are utilized to set season regulations and bag limits for game species. Game species on Fort Campbell include white-tailed deer, wild turkey, Northern bobwhite, waterfowl, and various of small game species including squirrel and rabbit. The Fish and Wildlife Program oversees management of game species, hunting regulations, and administers hunting processes such as the sign-in/sign-out system and sale of permits through a web-based program called iSportsman (<https://ftcampbell.isportsman.net/>).

II. Migratory Bird Management

The Fort Campbell Fish and Wildlife program is the lead program on the installation in ensuring compliance with the Migratory Bird Treaty Act (MBTA, 1918) and Executive Order 13186 (Responsibilities of Federal Agencies to Protect Migratory Birds). Fort Campbell sustains and enhances the military mission through proactive bird conservation and management strategies that supports migratory bird populations. The installation's Migratory Bird Management Strategy (MBMS) document ensures regulatory compliance with the MBTA, which is a federal law prohibiting unlawful killing or "take" of a migratory bird, nest, or egg. Monitoring of migratory birds on Fort Campbell is required to meet the directives of the MBTA. The installation is home to two Species at Risk (SAR), Bachman's Sparrow (*Aimophila aestivalis*) and Henslow's Sparrow (*Ammodramus henslowii*). These two species utilize the native grassland habitat in the training areas on the base. Military readiness activities are exempt from MBTA as long as their actions do not severely affect these populations.

Unit Responsibilities

1. Migratory birds and their nests should not be killed, harassed, or disturbed (excluding game species in a hunting season).
2. Avoid mowing or disturbing grassland habitat in the rear area without coordinating or following Range Control and environmental guidance to avoid adverse effects on the nesting migratory SAR species.
3. Do not burn, mow, or otherwise disturb an entire area in one breeding season because disturbance reduces available habitat for one or more growing seasons.

III. Aquatic Ecology/Watershed Management

Fort Campbell waterways are divided into 3 main watersheds containing 9 sub-watersheds across both Kentucky and Tennessee. All stream monitoring efforts on the Installation adhere to Clean Water Act (CWA) guidelines to ensure base compliance with regulatory entities. Every state is required, by law, to compile a list (303(d)) of all streams in the state that are degraded and do not meet criteria for specific uses, i.e. warm water aquatic habitat, cold water aquatic habitat, recreation, and fish consumption. Fort Campbell streams currently do not meet state water quality standards due to erosional processes impacting streams with siltation and instream habitat removal/destruction. All streams, with the exception of Piney Fork and Fletchers Fork, are listed on the Kentucky and Tennessee 303 (d) lists of impaired streams.

IV. Wildlife Interactions

Whether in the rear area during rural training exercises or in the cantonment area during normal daily activities, human/wildlife interactions are inevitable. Never approach, harass or feed wildlife. Wild animals are unpredictable, and many carry diseases such as rabies and distemper. As a general rule, if you leave them alone, they will leave you alone. Residents of Fort Campbell can call the DPW Pest Management Program at (270) 798-3110 to report problem wildlife including raccoons, skunks, groundhogs, opossums and squirrels. Deer and bat issues on the cantonment area, and all other wildlife questions and concerns should be relayed to the Fort Campbell Fish and Wildlife Program Manager at (270) 798-9854 or Endangered Species Program Manager at (270) 798-9855.

V. Stewardship

Stewardship with nature and wildlife is everyone's responsibility. As the footprint of human activity continues to expand, native habitats are degraded, decreased and fragmented. Leaving military residue in the field after training exercises increases rodent populations near bivouac sites and also increases likelihood of encounters with poisonous snakes. It can also result in take of wildlife and damage to equipment.

At a minimum, a good steward:

- Continues to train as you fight
- Uses hardened stream crossings, does not drive in the streams, and does not wash vehicles in streams
- Does not conduct off-road maneuvers if not necessary to reduce erosion
- Removes all military residue when leaving the field, and disposes of liquid waste through proper channels
- Does not approach, harass or feed wildlife
- Does not remove trees greater than 3" diameter without coordinating with the Endangered Species component of the Fish and Wildlife Program
- Avoids adverse effects on nesting habitat of migratory bird SAR species.

Questions and comments regarding wildlife and/or migratory bird species should be directed to the Fort Campbell Fish and Wildlife Program Manager at (270) 798-9854 or Endangered Species Program Manager at (270) 798-9855.

Chapter 11 Cultural Resources (270) 412-8174

The Fort Campbell Cultural Resources Program identifies, manages, and protects all of the archaeological sites, historic structures, and cemeteries on Fort Campbell while sustaining the Army's mission. These sites are protected resources that help us to understand the landscape, tribes, and communities that were here before Fort Campbell. The interpretation of the artifacts (objects that have been modified by people) range from stone arrowheads to glass bottles, to handmade bricks, are used by archaeologists to tell the story for each archaeological site. Pre-contact Native American sites, up to 12,000 years old, are the most common type of archaeological site at Fort Campbell. Native American sites contain the remains of temporary hunting camps, settlements, and human burials. Sites dating to the historical period (1570-1941 A.D.) are the remains of houses, farms, cemeteries, and communities that existed until the construction of Fort Campbell. There are also numerous historic structures associated with the military history of the Installation; the Clarksville Base Historic District preserves one of the few locations nuclear weapons were constructed and stored during the Cold War.

The Fort Campbell Cultural Resources Program strives to protect all of the archaeological sites and historic structures on the Installation. These properties are nonrenewable resources, once a site or structure is damaged or destroyed, all of its valuable historic information is gone forever. Please help protect and conserve the cultural resources of Fort Campbell.

1. Under federal law, it is illegal to excavate, damage, or alter archaeological sites on Fort Campbell.
 - a. Severe criminal penalties, including jail time and fines, can be imposed for damaging archaeological sites and/or collecting artifacts from these sites.
2. Recreational use of metal detectors within Fort Campbell is strictly prohibited.
3. Prior to any hand and/or mechanical excavation on Fort Campbell the environmental review process must be followed.
 - a. Prior to a training activity that involves any ground disturbance, a Dig Permit must be obtained from DPTMS Range Branch (See Environmental Protocol Sheet A-27, 28 for details).
 - b. Please contact the Fort Campbell NEPA Program before any construction projects that involve ground disturbance and/or the modification of any structures (See Environmental Protocol Sheet A-27).
4. If human remains are encountered, they should be reported immediately to the Criminal Investigation Command (CID) and the Cultural Resources Program (CRP). Please secure the immediate vicinity to prevent further disturbance pending inspection by CID and the CRP Manager.
5. If artifacts are encountered during any ground disturbance or training exercise, please report the location to the CRP Manager immediately.

Fort Campbell has over 130 historic cemeteries. These cemeteries include small family, community, and church cemeteries with both marked and unmarked graves. Most cemeteries on Fort Campbell are fenced with Seibert stakes and chains; be aware that several cemeteries do not have headstones, and some are not marked with fencing.

1. To avoid accidentally impacting a cemetery, always make sure that dig requests are submitted. Digging within cemeteries for any reason is strictly prohibited.
2. All training activities should avoid cemeteries.
3. Report any recent cemetery damage and/or ground disturbance to the CRP Manager.
4. If exposed human remains are found within a cemetery or anywhere else, contact CID and the CRP Manager.

Questions and comments regarding the cultural history of Fort Campbell, dig permits, and to report the inadvertent discovery of archaeological materials and/or human remains should be directed to the Cultural Resources Program Manager: (270) 412-8174

Chapter 12 Threatened and Endangered Species (270)798-9855

The Endangered Species section of the Fort Campbell Fish and Wildlife Program is governed by the Endangered Species Management Component (ESMC), which was signed by the Garrison Commander in October 2020. The ESMC is a law-binding document, and is the basis of how endangered species are managed and monitored on the installation. The goal of the ESMC is to ensure compliance with the Endangered Species Act (ESA), while supporting the Fort Campbell military mission. Identified in the ESMC are conservation goals and objectives designed to protect federally listed species and assist in their recovery.

The presence of three federally listed species has been documented at Fort Campbell, the Indiana bat (*Myotis sodalis*), gray bat (*M. grisescens*), and Northern long-eared bat (*M. septentrionalis*). Both the Indiana bat and gray bat are listed as endangered by the U.S. Fish and Wildlife Service (USFWS). The Northern Long-eared bat (*M. septentrionalis*) is listed as threatened.

White-nose Syndrome (WNS) is an infectious disease caused by the fungus *Pseudogymnoascus destructans*. This fungus is believed to have been brought to North America by cavers. Since its discovery in North America in 2006, it is estimated to have killed more than 6 million bats. Seven North American bat species have been affected by the disease, including gray, Indiana and Northern Long-eared bats. Fort Campbell is the first Department of Defense property to report presence of WNS within installation boundaries. WNS cannot be transmitted to humans, or any other species other than cave-dwelling bats.

I. Bat Management on Fort Campbell

Management of federally listed species on Fort Campbell is conducted in accordance with the ESA, endangered species recovery plans, and U.S. Army regulations and guidance. Fort Campbell regularly monitors populations of gray and Indiana bats by:

1. Monitoring the abundance and diversity of aquatic insect fauna in streams where gray, Indiana and Northern Long-eared bats forage
2. Conducting annual acoustic monitoring surveys
3. Conducting annual mist-netting surveys
4. Restricting timing of timber removal activities

II. Unit Responsibilities

1. Plan military activities by following Range Control and environmental guidance to avoid adverse effects on threatened and endangered species.
2. Minimize tree removal activities to only what is necessary during training mission activities.
3. Report sightings of dead or dying bats to the Endangered Species Program Manager
4. Ford creeks only at designated crossings.



- **Department of Defense personnel who violate the provisions of the Endangered Species Act or implemented regulations are subject to both civil and criminal penalties.**
- **Do not touch or approach any bat, whether on the ground or roosting in/on a building. A bat on the ground is likely a sick bat.**
- **If you find a bat, report it immediately to the Endangered Species Program Manager. (270) 798-9855**

Chapter 13 Agricultural Outlease Program (270) 461-2244

The Agricultural Outlease Program (Ag Lease) manages approximately 4800 acres of hay and crop fields. Fields are leased to local farmers under a five-year contract. The lessees pay rent annually and are required to mow or crop annually to prevent the fields from reforestation.

Fort Campbell's Ag Lease is one of IMCOM's most viable programs generating \$570K annually. This program saves the Army roughly \$1M per year in maintenance fees. Fort Campbell would not have open ground for training without incurring a tremendous cost for clearing and maintenance.

As Fort Campbell's training needs grow, leases are revoked, and the land is once again available for training. The money generated from ag leases is used for natural resource projects like erosion repair and wildlife habitat restoration.

Ft. Campbell leases many of the open fields to area farmers for row-crop (i.e. corn, soybeans, or wheat) and hay. No digging permitted in agricultural fields. Helicopters, vehicles, and training in row-crops cause loss in crop production. Avoid row crop fields. Instead use the 15' grassed field edge for maneuverability between fields or use adjacent grassed fields to avoid crop damage and exposure to pesticides.

Avoid landing or hovering helicopters over row-crops; use open grass fields or hay fields. DZs are managed as hay fields and are available for unit training at all times. Farmers are not required to mow or harvest fields prior to training; however, farmers can sometimes adjust harvest dates with advanced coordination through DPW Conservation Branch. Agricultural fields are explicitly marked on maps in RFMSS. Farmers expend considerable time and money to harvest crops on these fields and are not reimbursed for training-related crop damage nor is the damage covered under crop insurance.

Unit Responsibilities:

Per CAM Reg 385-5, avoid unnecessary damage to crop fields as lessees do not receive compensation for crop damage. Adhere to the following guidelines:

- a) Refer to the maps in the RFMSS Library to identify and avoid crop fields.
 - a. Crop fields are explicitly marked on the Fort Campbell Special Map located under MAPS in the RFMSS Library. Realize that farmers are managing their fields year-round even in the winter. Throughout the season, farmers are constantly checking their fields for nutrient deficiencies, pest problems, applying pesticides and fertilizer, and some plant winter crops. This requires unabated access year-round. If any of these problems are left unchecked, the farmer can suffer unnecessary revenue losses.

- b. CAUTION: Pesticides are applied year-round even when crops are not actively growing. Virtually every chemical, both natural and synthetic, can be toxic. Soldiers who train in areas treated with pesticides can face exposure by contact with pesticide residues on plants or soil. This indirect exposure can also be inhaled or tracked home on shoes and clothing.
- b) Use open grass fields or field edge instead of crop land.
- c) Remove trash, brass, c-wire, posts, etc. that pose potential hazards to farm equipment causing damage and financial burdens.
- d) Avoid hovering helicopters over crop land. Use open grass fields or hay fields. Hovering helicopters cause damage and reduce crop production.

Chapter 14 Water Quality and Stormwater Management

Fort Campbell must protect water resources on the installation to include groundwater and surface waters. Fort Campbell operates in compliance with Clean Water Act and Safe Drinking Water Act permits. The installation develops, implements, and enforces a stormwater management program designed to reduce the discharge of pollutants to the maximum extent practicable to protect water quality. The program implements control measures, including illicit discharges (dumping), construction site stormwater runoff control, and post-construction stormwater management in new development and redevelopment. Certain activities on the installation must also meet compliance with the Tennessee and Kentucky NPDES General Permits for Industrial Activities. Installation staff, tenants, activities, contracting offices, and contractors must comply with all the requirements outlined in CAM REG. 200-1, Section 13r and the Fort Campbell Stormwater Management Plan and Checklist. Fort Campbell Stormwater Program staff conducts inspections of site activities as needed to ensure compliance with Clean Water Act permits.

Dumping of POL products, paint, concrete wash water, and other pollutants into the storm sewer system, including drains, ditches, and streams, is prohibited on Fort Campbell. Certain field training activities, such as water purification operations and food service graywater have a potential for polluting water resources. Please consult applicable environmental protocol sheets. The Fort Campbell Stormwater Program can answer any questions.

Chapter 15 Wetlands

Fort Campbell's water resources occur as surface and ground water. Surface streams often flow into sinkholes, underground channels, and sinking streams. Ground water flows beneath the surface through fractured limestone and serves as Fort Campbell's drinking water reserve. Fort Campbell's quality of life is directly related to the quality and wise use of these resources. A wetland is a collective term for lakes, rivers, streams, swamps, marshes, and similar areas that develop between open water and dry land. These sites are a valuable natural resource improving water quality, reducing flood and storm damage, providing wildlife habitat, supporting hunting and fishing activities, and providing educational and aesthetic promise. The majority of federal and state listed threatened and endangered species inhabit these unique areas. Wetlands are currently protected areas.

Unit Responsibilities:

- 1) Avoid activities in and around wetland areas that will produce extended soil compaction, excess runoff (erosion) or vehicular traffic through a suspected site.
- 2) Police wetland areas for trash or debris.
- 3) Any activity which requires digging should be referred to DPW Conservation Branch and will require a TN One-Call issued dig permit (See Environmental Protocol Sheet A-26/26A for details).

Chapter 16 Range Control/Integrated Training Area Management

The Integrated Training Area Management program was designed as a comprehensive approach to land management on all Army installations. All elements serve to support land management decisions on Army installations.

Unit Responsibilities:

- 1) Avoid activities that will produce extended soil compaction, excess runoff (erosion), or vehicular traffic through sensitive areas.
- 2) Police areas for trash or other field residue to reduce degradation of aesthetic value and wildlife habitat.
- 3) Limit traffic in and around wetland areas. Use of unauthorized fords is prohibited unless training requirements are authorized by both DPW Environmental and Range Control personnel.
- 4) Reduce unnecessary-necessary travel on DPW Forestry firebreaks/combat trails. These roads are maintained by DPW Forestry strictly for fire suppression activities during wildfire situations. Military use of these roads increase erosion and degrade the natural resources further.
- 5) Limit mechanical digging to those sites designated by the Tennessee One-Call System (See Environmental Protocol Sheet A-26/26A for details). All mechanical digging must be coordinated through the Tennessee One-Call System. Each dig request must include a recovery date that outlines the recovery to include filling of any trenches or leveling of any berms. Many environmental sites exist in the rear training areas. Federal law regulates these sites and penalties can be enforced if they are disturbed.
- 6) Do not place nails, spikes, or any other metal object into hardwood trees. Remove all cords, twine, and communication wire that are wrapped and tied around trees. Native tree species are regularly timbered and these actions directly affect the quality of the wood. All personnel assigned to Fort Campbell, both military and civilian, are environmental stewards for the installation and are integral parts in protecting all of the natural resources.

Chapter 17 NEPA PROGRAM (270) 798-9784 / (270) 798-9640

The National Environmental Policy Act (NEPA) requires the federal government to consider environmental impacts on social, cultural, economic and natural resources from proposed actions. In conjunction with US Army's Policy 32 CFR Part 651, Army Regulation 200-1 implements federal, state, and local environmental laws and DOD policies.

All activities proposed within the **cantonment area** including those submitted by military units and those in the training areas, and on ranges (other than routine military training). are required to submit FC Form 200-1 to the NEPA Program Manager and NEPA Program Coordinator to ensure compliance. Activities include but are not limited to: soil excavation; ground beautification or modifications; construction; renovation, maintenance, or demolition of buildings, motor pools, or structures; etc. require FC Form 200-1. Project proponent must complete Section 1 and the Project Description. Please include as much detail (i.e. total project area, potential alternative sites, potential area disturbance, maps, etc.) to prevent delays in completing environmental reviews. Once submitted, the NEPA Program Coordinator will distribute the request to DPW Environmental Programs (air quality, forestry, cultural resources, hazardous waste, water quality, wildlife, etc.) to determine environmental effects and recommend the necessary course of action to meet compliance.

Once FC Form 200-1 is complete:

- Project may qualify as Categorically Excluded (**CX**) in which these activities were previously determined to be of no significant environmental impact and project may proceed as described.
- Project may require additional analysis initiated by the NEPA Program using FC Form 200-2, a Record of Environmental Consideration (**REC**) in which the proponent may be contacted for additional information and/or further action. Completed RECs detail environmental requirements. Project proponents must keep the REC in project records and are responsible for adhering to specified environmental requirements.
- If project poses significant impact, an Environmental Assessment (**EA**) or Environmental Impact Statement (**EIS**) will be initiated.

NOTE: Routine military training in the rear area does not require FC Form 200-1 but may require dig permits from Range Control (see A-27, 28). Projects other than military training in the rear area, for example range construction, trail building, and installation of low water crossings, do require FC Form 200-1.

For more information concerning Dig Requests, see Appendix A, Environmental Protocol Sheet A-27, 28. For examples concerning NEPA Program forms (FC Form 200-1, FC Form 200-2), see Appendix E.

Appendix A

Environmental Protocol

Sheets

APPENDIX A: ENVIRONMENTAL PROTOCOL SHEETS

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ENVIRONMENTAL GUIDANCE HANDBOOK

This is an UNCONTROLLED DOCUMENT printed for reference only. The controlled document is on-line on the Fort Campbell Internet under Directorate of Public Works, Environmental Division.

<https://home.army.mil/campbell/index.php/about/Garrison/dpw/environmental/eo-handbook>

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ABSORBENTS (USED FOR POL)

Pads, Towels, Booms, Rags

POSSIBLE AREAS OF CONCERN

Absorbent material saturated with POL or other materials may be flammable and/or toxic.

CHARACTERIZATION

Absorbent materials contaminated with POL are considered non-hazardous waste. Any materials other than POL, MAY BE considered Hazardous Waste. (See Hazardous Substances A-44).

HANDLING PROCEDURES

- Step 1** Ensure all absorbent materials are separated by color (Yellow, White, Gray absorbent pads, see protocol page A-78 for absorbent color explanation)
- Step 2** Double-bag used absorbent materials.
- Step 3** Label bag with the words "Used absorbents soaked with ____" before adding the material.
- Step 4** Put material in the bags. Wear proper PPE listed on the Safety Data Sheet. Ensure bag is closed.
- Step 5** Place bag in hazardous material return locker if less than 25 pounds.



Please note: Absorbent bag is labeled

NOTE: If greater than 25 pounds' unit must take it to PPOC.

NOTE: If absorbent pads/paper towels/rags are contaminated with POL and are **NOT DRIPPING with oil**, they may be disposed of in dumpster. Otherwise label and place items in the return locker for removal by the hazmat driver. **All grease contaminated materials must be bagged for disposal.**



Spill Kit Contents

NOTE: **DO NOT** mix trash, plastic or filters with Absorbent materials.

GENERAL INFORMATION

Keep absorbents contaminated with hazardous waste separate from POL-saturated absorbents. Call **PPOC HazWaste Pick Up** if you clean up anything other than POL. They will provide guidance for proper disposal.

ABSORBENTS (USED - BULK)

Peat, Dry Sweep, Kitty Litter, Sand, Soil, Clay

POSSIBLE AREAS OF CONCERN

Absorbent material saturated with POL or other materials may be flammable and/or toxic.

CHARACTERIZATION

Absorbent materials contaminated with POL are considered non-hazardous waste. Any materials other than POL, MAY BE considered Hazardous Waste.

HANDLING PROCEDURES

- Step 1** Bag small quantities (less than 5 pounds) of used absorbent materials.
- Step 2** Label bag with the words “Used absorbents soaked with ____” before adding the material.
- Step 3** Wear proper PPE listed on the Safety Data Sheet (SDS). Ensure bag is closed.
- Step 4** Place bag in hazardous material return locker if less than 5 pounds and the hazmat driver will remove.

NOTE: If greater than 5 pounds’ unit must take to PPOC and ensure plastic bags are emptied and removed.

NOTE: **DO NOT** mix trash, plastic or filters with absorbent materials.



Absorbents: peat, kitty litter, sand, soil and clay



Kitty litter soaked with POL

GENERAL INFORMATION

Keep absorbents contaminated with hazardous waste separate from POL-saturated absorbents. Call **PPOC HazWaste Pick Up** if you clean up anything other than POL. They will provide guidance for proper disposal.

<https://home.army.mil/campbell/index.php/about/Garrison/dpw/environmental/eqo-handbook>

ADHESIVES AND SEALANTS

POSSIBLE AREAS OF CONCERN

Adhesives, sealants, caulking, and epoxy parts A & B are made of combinations of chemicals suspended in a solvent that partially evaporates during use. Refer to the SDS for specific hazards.

CHARACTERIZATION

Spent adhesives and sealants, and wastes generated from use of these materials such as gloves, stir sticks, and old material removed during replacement, may be considered hazardous waste.

HANDLING PROCEDURES

Step 1 Place items in a marked bag/container.

Step 2 Place marked bag/containers and contaminated materials/PPE in Hazardous Materials return locker. If no return locker is available, residue/empty containers **MUST BE** returned to PPOC. Location 5 of the map on the backside of this book.



Adhesives and sealants

GENERAL INFORMATION

Good product is returned to correct location in Hazardous Material storage locker for use later. For additional information contact **PPOC Services**.

AEROSOL CANS

POSSIBLE AREAS OF CONCERN

Aerosols are under pressure and may be flammable, reactive, corrosive, and/or toxic depending on the contents of the cans and the propellant involved.

CHARACTERIZATION

Aerosol cans that are no longer serviceable (e.g., broken nozzle), but that are still under pressure and/or still contain their contents, are hazardous waste and must be collected and turned into the PPOC.

HANDLING PROCEDURES

Step 1 Place empty containers and contaminated materials in hazardous material return locker.

Step 2 Ensure materials are labeled to identify contents.

NOTE: For activities that do not have a return locker, aerosols must be collected and transported to the **PPOC** for disposal.



Aerosol Cans

GENERAL INFORMATION

The PPOC maintains a can-puncturing device that vents and empties aerosol cans. Once cans are emptied, the PPOC recycles the scrap metal which earns the installation QRP program. For additional information contact **PPOC Services**.

AMMUNITION/BRASS

POSSIBLE AREAS OF CONCERN

Trash may be contaminated with ammunition, simulators, brass, and smoke grenade residue that can harm people and the environment.

CHARACTERIZATION

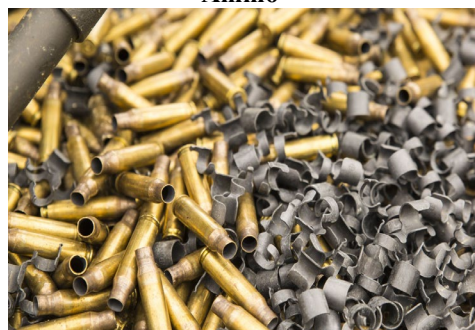
Training exercises generate live and expended ammunition. This ammunition and residue must be returned for soldier safety. Ammo/Brass/UXO **MUST NOT** be discarded in dumpster/trash.

HANDLING PROCEDURES

Step 1 Ammo/Unexploded Ordinance (UXO) items found should not be moved but reported to **Range Control** or **Explosive Ordinance** personnel for proper removal.

Step 2 **ALL** residue components that are no longer dangerous or are considered safe to handle will be returned to the **Ammunition Supply Point** (ASP) for proper disposal, i.e., brass, packaging, used smoke grenades, pallets.

Ammo



NOTE: For disposal of other items, refer to the appropriate protocol sheet.

GENERAL INFORMATION

For more information, contact **Ammunition Supply Point** or **Environmental Division Solid Waste/Recycling**.

ANTIFREEZE

POSSIBLE AREAS OF CONCERN

Antifreeze typically contains ethylene glycol. However, other formulations have been developed recently using fewer toxic chemicals. Used antifreeze may contain low concentrations of toxic metals such as copper, zinc, lead, cadmium and chromium. Refer to the SDS for specific hazards.

CHARACTERIZATION

Used antifreeze is considered a non-hazardous industrial waste.

HANDLING PROCEDURES

- Step 1** Place used antifreeze in HM Return area or poly drum (located in SCU) provided by the PPOC.
- Step 2** Ensure the container is marked with words "Used Antifreeze" before adding any used antifreeze. Container must be closed unless adding or removing used antifreeze.
- Step 3** Make sure 55-gallon container is in the proper secondary containment unit (SCU). SCU must be located in an area accessible to the pick-up truck. Keep drum and SCU closed except when adding or removing contents. Locking is not required, but it will assist to keep SCU closed and from becoming contaminated.
- Step 4** Call **PPOC Used Antifreeze Pick Up** to schedule a pick-up of the used antifreeze. Allow up to 72 hours for pick up. PPOC personnel will come to the unit location and remove full drum and supply an empty replacement.

NOTE: Do not use POL contaminated drip pan to drain antifreeze, keep used antifreeze as clean as possible. If antifreeze is contaminated with oil, contact **PPOC Support** to get additional guidance

NOTE: If not using 55-gallon poly drum, place 5-gallon container in the return locker.

NOTE: DO NOT MIX ethylene glycol (green) antifreeze with propylene glycol (pink or red) antifreeze in the same drum. Contact **PPOC Antifreeze Support** to get **additional guidance**.



Antifreeze 1, 5, and 55 gallon

GENERAL INFORMATION

The PPOC manages used antifreeze for the installation, providing on-site testing and recycling. The PPOC's recycling efforts have led to the same antifreeze being utilized, recycled, then re-issued. This provides the soldier with a serviceable product that meets all Commercial Item Description (CID) specifications at a reduced cost. **Recycled antifreeze is not pure product, it is already premixed with water to a 50/50 mixture, Do not add additional water. Contact PPOC Services for assistance.**

ASBESTOS

(Disposal of Unserviceable Brake Shoes)

POSSIBLE AREAS OF CONCERN

Some brake shoes/pads or clutch disks may contain asbestos-containing materials.

CHARACTERIZATION

Asbestos-containing materials are managed as a Special Waste. These items may be handled by non-trained workers, but caution should be used, and specific work practices should be followed for removal from vehicles.

HANDLING PROCEDURES FOR MILITARY & CIVILIAN ON POST

Step 1 While still wet, double wrap brake shoes/pads or clutch disks in 6-mil or thicker plastic and seal each with duct tape for disposal. Place in a sturdy, closed container. Do not exceed six sets of brakes or 3 clutch disks.

Step 1a

AFSBN/IMD (More than 12 pairs of brakes/ clutch disks per week): While still wet, double wrap brake shoes/pads or clutch disks in 6-mil or thicker plastic and seal each with duct tape for disposal. Place in a sturdy, closed container.

NOTE: DO NOT accumulate more than the allowed amount. TURN THEM IN



Asbestos brake shoes

Step 2 When containers are placed in service, label as follows:

a) "Danger. Contains Asbestos Fibers. Avoid Creating Dust. Cancer and Lung Disease Hazard."

b) Generator Information (e.g., unit, POC, phone)

(NOTE: If containers are to be reused, each package in step 1 must be labeled or placed inside a labeled 6-mil plastic bag (container liner).

Step 3 Contact PPOC HAZ-Waste Pick Up for a turn in appointment

Six Mil plastic can be locally purchased

GENERAL INFORMATION

Proper brake shoe/clutch disk removal may be done by different approved techniques. Contact Preventive Medicine / Industrial Hygiene or Environmental Division TSCA for details on these techniques.

ASBESTOS

(Disposal of Unserviceable Safes and Asbestos Gloves)

POSSIBLE AREAS OF CONCERN

Some safes are lined with asbestos, and there may be some asbestos-containing gloves that were used to change weapons barrels or other hot industrial related items.

CHARACTERIZATION

Asbestos-containing materials are managed as a Special Waste. Some manufacturers of safes used asbestos as a fireproofing insulation. If the safe becomes damaged, it may present a health risk to the user(s). The U.S. Navy has identified the Remington Rand manufactured safes (mostly “old First Sergeant Safes” or “Field Safes”) as potential asbestos hazards.

HANDLING PROCEDURES

Asbestos gloves must be double wrapped in 6 mil plastic or thicker and sealed with duct tape for disposal and turn in. Contact PPOC HAZ-Waste Pick Up for a turn in appointment



Asbestos gloves

Safes

Step 1 Complete DD 1348-1A for each NSN turned in.

Step 2 Contact **DLA Disposition Services – Campbell** for packaging, turn-in guidance and appointment.

<http://www.dla.mil/DispositionServices.aspx>

Step 3 Bring safe(s) to DLA Disposition Services – Campbell for asbestos Characterization. If DLA Disposition Services – Campbell determines safe(s) contain asbestos, you will need to double wrap safe(s) **See Security Facts Sheet in Appendix D** to see if the safe contains asbestos.



Asbestos filled Safes

GENERAL INFORMATION

For additional information contact **Environmental Division TSCA.**

ASBESTOS

(Floor Tile & Mastic Removal)

POSSIBLE AREAS OF CONCERN

Asbestos-containing floor tile is common on Fort Campbell. The glue (mastic) that holds the tile in place may also contain asbestos.

CHARACTERIZATION

Asbestos-containing materials are managed as a Special Waste.

HANDLING PROCEDURES

- Step 1** Contact **DPW Work Management Branch** or **Environmental Division TSCA** to determine if floor tile is asbestos containing.
- Step 2** If the floor tile has become loose from the floor, place in a plastic bag and call the **DPW Asbestos Maint. Team** for pickup.
- Step 3** If the floor tile has become deteriorated, damaged or otherwise in poor condition, unit FMT should submit Work Order to **DPW Service Order Section** or call **DPW Service Orders** to submit a service request for removal/replacement of asbestos containing material.



NOTE: Activities such as sanding or grinding, drilling, or sawing of asbestos containing floor tile **SHALL NOT** be allowed. Further, Self-Help removal of asbestos-containing tiles is prohibited.

Contact the Environmental
Division (TSCA Program) or DPW
work Management Branch

GENERAL INFORMATION

For additional information, see protocol sheet A-11 or contact **Environmental Division TSCA**

ASBESTOS

(Stripping Wax from Floor Tile That May Contain Asbestos)

POSSIBLE AREAS OF CONCERN

Asbestos may be found on any building on the installation. There may be increased health risks associated with not following the recommended handling procedures.

CHARACTERIZATION

To determine if the floor tile contains asbestos contact **DPW Work Management Branch or Environmental Division TSCA**

HANDLING PROCEDURES

Step 1 Strip wax as little as possible, once or twice a year.

Step 2 Keep floor tile wet during stripping of wax.

Step 3 Use slow buffer speed (less than or = 300 RPM).

Step 4 Use the least abrasive pad possible.

Step 5 Do not over strip.

ASBESTOS?

Some floor tile contains asbestos. Protect yourself, when using this machine:

Keep tile wet
Use minimum abrasion
Operate at low speed



GENERAL INFORMATION

If asbestos-containing floor tile is in good condition, floors may be stripped of wax. If the asbestos-containing floor tile is not in good condition, i.e., broken or badly worn, then floors should not be stripped. For additional information contact **Environmental Division TSCA**

ASBESTOS AND LEAD-BASED PAINT

(Building Remodeling/Maintenance/Demolition)

POSSIBLE AREAS OF CONCERN

Asbestos and Lead-based Paint may be found on any building on the installation. There may be increased health risks associated with not following the recommended handling procedures.

CHARACTERIZATION

Asbestos-containing materials are managed as special wastes. Lead-based paint waste is managed as a hazardous waste.

HANDLING PROCEDURES

Step 1 Contact DPW Work Management Branch or Environmental Division TSCA for more info.

To determine if lead-based paint is present, contact Environmental Division TSCA.

Step 2 FMT or a DPW Customer Service Representative will submit work order (DA 4283) to DPW Work Management Branch or call DPW Service Orders to submit a service request.

Step 3 DPW Work Management Branch will review work orders and provide notice to proceed as appropriate.

Step 4 Maintain work order number(s) to monitor status.



Contact the Environmental Division (TSCA Program) or DPW work Management Branch

GENERAL INFORMATION

Activities such as sanding, grinding, drilling, or sawing of asbestos-containing materials or lead-based paint are *not allowed*. Self-Help removal of asbestos-containing tiles is prohibited. Only trained and certified abatement workers may disturb or remove these materials (asbestos, lead).

For additional information contact Environmental Division TSCA.

ATROPINE INJECTORS/MARK I KIT/ATNAA, ATROPEN

POSSIBLE CONTAMINANTS OF CONCERN

These items present both injection hazards and safety items of concern.

CHARACTERIZATION

Atropine, Mark I Kits, and ATNAA are all controlled medical items and require special storage and tracking at Blanchfield Army Community Hospital (BACH) MCDM Branch.

HANDLING PROCEDURES

Step 1 All Atropine Injectors, Mark I Kits, and ATNAA (used or unused) **MUST** be returned to **Blanchfield Army Community Hospital (BACH) IMSA Branch.**

NOTE: Units are not authorized to store these items at anytime in Garrison.



NOTE: Deployed units should dispose of Injector in host nations. DO NOT SHIP THEM BACK



GENERAL INFORMATION

For additional guidance contact **BACH Installation Medical Supply Activity.**

BALLASTS, CAPACITORS, AND OTHER EQUIPMENT CONTAINING PCB'S

POSSIBLE AREAS OF CONCERN

Polychlorinated Biphenyls (PCBs) are a major type of toxic chemical. They are a suspected human carcinogen and have been shown to be teratogenic (capable of inducing mutations in the offspring of affected organisms).

CHARACTERIZATION

PCBs are most commonly found in electrical transformers and capacitors, air conditioning equipment and lighting ballasts.

HANDLING PROCEDURES

Step 1 Non-routine (not daily maintenance operations) building and facility maintenance and building deconstruction or demolition require that all Ballasts and Capacitors are removed and controlled.

Step 2 Contact Environmental Division Hazardous Waste to get tracking guidance and approve disposal process.

NOTE: If PCB content cannot be determined, testing may be required, contact Environmental Division TSCA

NOTE: Routine/daily on Post maintenance activities may take ballasts and capacitors to one of following:

- **PPOC** at 2nd & Wickham
- Bldg. 650, BACH, Contract Maintenance
- Bldg. 2268, Campbell Crossing Housing



Ballasts and Capacitors may contain PCB's

GENERAL INFORMATION

Ft. Campbell requires that ballasts be tracked. Contractors are not authorized to sign disposal manifests; this **must** be coordinated with Environmental Division Hazardous Waste.

BATTERIES (AIRCRAFT)

POSSIBLE AREAS OF CONCERN

The cells of a nickel-cadmium (NiCad) battery contain hazardous constituents and an acidic electrolyte solution. The electrolyte is a strong corrosive agent.

CHARACTERIZATION

NiCad batteries are hazardous due to their cadmium content and are managed as universal waste. It is illegal to dispose of a NiCad battery in a landfill. Do not place in refuse container.

HANDLING PROCEDURES

NiCad Wet Aviation Battery cells are turned in to PPOC.

- Step 1** Unit removes NiCad wet battery cells from the battery case.
- Step 2** Unit transports the removed battery cells to the PPOC in a military/government vehicle.
- Step 3** PPOC disposes of cells.
- Step 4** Unit turns in the battery casing and other related NiCad battery parts at the SSA.



NiCad Aviation Battery

SLA (Sealed Lead Acid) Batteries are turned in directly to PPOC.

1. **NOTE:** Damaged SLA batteries must be overpacked prior to turn-in, (i.e., exterior case cracked). Over packs can be obtained through the PPOC by calling **PPOC Batteries**. Do not store damaged batteries at the unit. Label the overpack container "Leaking Sealed Lead Acid Battery"; place the battery inside the overpack and ensure the lid is tightly closed.

NOTE: ALL Battery terminals **MUST** be taped to prevent electrical shorting.
Metal strapping should not be used to strap batteries to pallets.
Use duct tape or electrical on terminals.



SLAB Batteries

DO NOT USE SCOTCH TAPE

GENERAL INFORMATION

For additional information contact **PPOC Services**. Call ahead for a turn in appointment **(270)798-9765**

BATTERIES (LEAD-ACID GOVERNMENT)

POSSIBLE CONTAMINANTS OF CONCERN

The cells of a lead acid battery contain lead and lead dioxide and an acidic electrolyte solution of sulfuric acid. The electrolyte is a strong corrosive agent. Batteries may also vent explosive hydrogen gas.

Caution should be used when using jumper cables to avoid sparks near the battery.

CHARACTERIZATION

Batteries are available for many types of equipment, vehicles, material handling equipment, lawnmowers, Gators, generators, emergency backup equipment, etc., and apply to batteries not in the Exide exchange program. All lead acid batteries are to be recycled.

HANDLING PROCEDURES

Step 1 Contact **PPOC Batteries** to determine requirements for turn-in.

Step 2 Battery electrolyte should not be drained from the battery and caps must be in place.

NOTE: If battery is damaged/leaking, unit must contact **PPOC Batteries** for a container. Do not store damaged batteries at the unit.

Battery Use & Storage

- New and used batteries must be stored in areas protected from the weather elements to avoid any ground or storm water discharge issues. They should not be stored in metal lockers.
- Battery acid container should have caps replaced, and Baking Soda (from PPOC) should be available for acid neutralization.
- Do not place batteries in the HM return locker.

NOTE: Damaged batteries must be overpacked prior to turn-in (i.e., exterior case cracked). Over packs can be obtained through the PPOC by calling **PPOC Batteries**. Do not store damaged batteries at the unit. Label the overpack container "Leaking Lead Acid Battery"; place the battery inside the overpack and ensure the lid is tightly closed.

NOTE: Battery terminals **MUST** be taped to prevent electrical shorting. Metal strapping should not be used to strap batteries to pallets. Use duct tape or electrical on terminals.

DO NOT USE SCOTCH TAPE



Batteries emit Hydrogen gas and could leak acid.



GENERAL INFORMATION

For additional information see protocol sheet *Lead-Acid Batteries, A-16, A-17* or contact **PPOC Services**. **Call ahead for a turn in appointment (270)798-9765**

BATTERIES (LEAD-ACID)

Non-Government Vehicles/Equipment

POSSIBLE AREAS OF CONCERN

The cells of lead-acid batteries (e.g., emergency exit light gel cells, multi-cell toy batteries, and computer power backups) contain lead and lead dioxide and a strong corrosive agent.

CHARACTERIZATION

Lead-acid batteries are hazardous due to their lead content and are managed as universal waste. It is illegal to dispose of a lead-acid battery in a landfill. Do not place in refuse or trash container.

HANDLING PROCEDURES

- Step 1** Take unserviceable/unneeded lead acid batteries to the **PPOC Batteries** for proper disposal.
- Step 2** Batteries may also be returned to the purchase location.
- Step 3** Batteries from on post Family Housing may be taken to the **Convenience Center**.

NOTE: Damaged batteries must be overpacked prior to turn-in, (i.e., exterior case cracked). Over packs can be obtained through the PPOC by calling **PPOC HazWaste Pick Up**. Do not store damaged batteries at the unit. Label the overpack container "Leaking Lead Acid Battery"; place the battery inside the overpack and ensure the lid is tightly closed.

NOTE: Battery terminals **MUST** be taped to prevent electrical shorting. Metal strapping should not be used to strap batteries to pallets. Use duct tape or electrical on terminals.

DO NOT USE SCOTCH TAPE



Car, lawn mower and sealed lead acid batteries may be taken to the Convenience Center for recycle

GENERAL INFORMATION

For more information on recycling and battery disposal, contact **PPOC Services. (270)798-9765**

BATTERIES (LEAD-ACID)

Military Vehicles

POSSIBLE CONTAMINANTS OF CONCERN

The cells of a lead-acid battery contain lead and lead dioxide and an acidic electrolyte solution of sulfuric acid. The electrolyte is a strong corrosive agent. Batteries may also vent explosive hydrogen gas. Caution should be used when using jumper cables to avoid sparks near the battery.

CHARACTERIZATION

Lead acid batteries are hazardous due to their lead content and are managed as universal waste. It is illegal to dispose of a lead acid battery in a landfill. Do not place in refuse container.

HANDLING PROCEDURES

- Step 1** Obtain materials from PPOC Battery Section to palletized batteries properly.
- Step 2** Battery electrolyte should not be drained from the battery. Batteries should be stacked no more than two tiers high on a pallet with cushion board between and the terminals are taped to prevent short circuiting.

- Step 3** New and used batteries must be stored in areas protected from the weather elements to avoid any ground or storm water discharge issues. They should not be stored in metal lockers.

NOTE: PPOC will accept a battery without caps or a battery with a cracked case. Damaged batteries must be overpacked prior to turn-in (i.e., exterior case cracked). Over packs can be obtained through the PPOC by calling **PPOC HazWaste Pick Up.** Do not store damaged batteries at the unit. Label the overpack container "Leaking Lead Acid Battery"; place the battery inside the overpack and ensure the lid is tightly closed.

NOTE: If batteries spill on the ground or if there is a question about clean up and reporting, contact **Spill/Storage Tank Program** for guidance.

See Batteries (Lead Acid) Military for guidance on other batteries, protocol sheet A-15.



Batteries emit hydrogen gas and could leak acid. Secondary containment and proper ventilation is required.



Battery acid spill containment

GENERAL INFORMATION

For additional information contact PPOC Battery Program manager. **Call ahead for a turn in appointment (270)798-9765**

BATTERIES (NON-LEAD-ACID)

Alkaline, Lithium, Nickel-Cadmium, Magnesium, NiCad, Mercury and Other Rechargeable Batteries

POSSIBLE AREAS OF CONCERN

Alkaline, Lithium, Nickel-Cadmium, Magnesium, NiCad (wet), Mercury, Lithium-Ion, Nickel Metal Hydride and Rechargeable Batteries have chemicals that are a concern during routine use and disposal.

CHARACTERIZATION

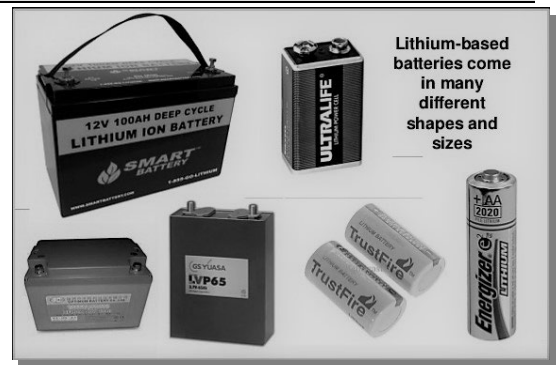
All Lithium, Lithium-Ion, Nickel Metal Hydride, Nickel-Cadmium, Magnesium, and Mercury batteries may be Universal Waste. **As a best management practice, all batteries will be collected as “Used Batteries” and waste determinations will be made by PPOC Battery Program personnel upon turn in.**

HANDLING PROCEDURES

- Step 1** Battalion level unit Commo/S6/Activity contact **PPOC Battery Program** to establish program. (i.e., quantity, type, inventory, location).
- Step 2** Unit will maintain a Bench Stock. UBL will be maintained by **PPOC Battery Program**.
- Step 3** Unit/activity will secure an approved plastic container with closeable top.
- Step 4** Container will be labeled “Used Batteries” by way of printed label or by writing “Used Batteries” on the container.
- Step 5** Individual will sign out batteries from unit battery storage area.
- Step 6** When returning used batteries, individual will sign battery in, place it in Used Batteries container and get replacement (step 5). Segregate all battery types and tape all terminals except for BA-5590/2590, PRC 152/154/148(MIBTR) and BB-2001(CSEL) battery terminals.
- NOTE:** If battery is completely covered (especially with small batteries) all terminals are taped, record the battery type on the tape for identification.
- Step 7** When used batteries container is full, contact the **PPOC Battery Turn-in** to schedule pick up.

NOTE: DO NOT DISCHARGE LITHIUM COMMO BATTERIES ON FT. CAMPBELL. THEY WILL BE TESTED AND EVALUATED FOR CONTINUED USE.

NOTE: DO NOT store lithium commo batteries outside
If they get wet they can catch fire and off gas sulfur
and ammonia gas



Lithium, Nickel-Cadmium (NiCad), Lithium-Ion, Nickel Metal Hydride Magnesium, and Mercury batteries may be Universal Waste.



BMP: ALL Non-Lead-Acid batteries must be placed in the “Used Batteries” container for convenience and appropriate sorting. Do not place lithium AA, AAA, C, D, 9V batteries in the refuse stream. They are turned in to the PPOC.

GENERAL INFORMATION

Alkaline batteries (AA, AAA, C, D, 9V) will be returned to the unit battery return area. For additional information contact **PPOC Battery Program. Call ahead for a turn in appointment (270)798-9765**

CALCIUM HYPOCHLORITE

(Field Sanitation Kits and Water Purification Supplies)

POSSIBLE AREAS OF CONCERN

Calcium hypochlorite is generally available as a white powder, pellets, or flat plates. Calcium hypochlorite decomposes in water to release chlorine and oxygen. Calcium hypochlorite is toxic by the oral and dermal routes and can react to release chlorine or chloramines which can be inhaled. Calcium hypochlorite is an oxidizer and will react with organic materials and contribute to fires.

CHARACTERIZATION

Discarded /out-of-date, contaminated calcium hypochlorite is considered a hazardous waste. It can be found in Field Sanitation Kits and Water Purification systems

HANDLING PROCEDURES

Step 1 Take all forms of unit-owned calcium hypochlorite to PPOC. It should not be stored in the unit area. Call **PPOC HazWaste Pick Up** for appointment.

NOTE: Calcium hypochlorite (liquid and dry) is an oxidizer which poses a great fire risk and inhalation risk. All forms of calcium hypochlorite must be taken to PPOC.

- If items in Field Sanitation kits are expired, take **ALL** hazardous items to the PPOC HazWaste Section. These include Water purification supplies, Alcohol swabs, and Disinfectants.



Calcium hypochlorite products

GENERAL INFORMATION

Calcium hypochlorite that has been purchased for personal use should be handled and stored carefully. The convenience center may be used when disposing of residue. For additional information contact **Environmental Division Hazardous Waste**. Refer to protocol sheet A-60 for information related to Pesticides.

CARDBOARD

POSSIBLE AREAS OF CONCERN

Cardboard contaminated with cooking oil, wax, food, dripping oil and fuel cannot be recycled and should be disposed of in an appropriate refuse container.

CHARACTERIZATION

Fort Campbell's Installation Recycling Policy CAM REG 200-3 (see Appendix D) mandates all installation activities, tenants, contractors and tenant organizations participate in the recycling programs. Sale of cardboard supports quality of life enhancements thru the QRP.

HANDLING PROCEDURES

- Step 1** Deposit cardboard in any light tan cardboard recycling dumpster or cardboard compactor. Cardboard that will not fit inside the dumpster **MUST NOT** be placed in front or around the dumpster, or it can be taken to the **Recycling Convenience Center** located at the corner of Airborne St & A'Shau Valley Rd.

NOTE: Cardboard contaminated with food or oil is trash. **ALL Pizza boxes are trash.**



Cardboard Receptacles

- Step 2** Keep lids/doors of containers and doors of compactors closed to keep out rainwater.
- **CARDBOARD SHOULD BE BROKEN DOWN**
 - **Do not put cardboard in the 96-gallon paper containers.** If cardboard container is not available, take cardboard to the **Recycling Convenience Center** or deposit inside **ANY** cardboard container.



GENERAL INFORMATION

FC Family Housing has curbside collection serviced weekly on the same day as garbage service. Accepted materials are paper/cardboard. For more information, contact **FC Family Housing Office**. For issues of installation dumpster service/empty, contact **DPW Contract Management Branch**.

For dumpster location, contact **Environmental Division Solid Waste/Recycling**.

CBRNE (DETECTOR/DECON KITS)

M256, M256A1, M291, M291A2, M258, M258A1, M72A2, M58A1, M295

POSSIBLE AREAS OF CONCERN

Contaminants of concern in the kits represent possible flammable and toxic hazards. Refer to SDS for specific use and handling procedures.

CHARACTERIZATION

The refill kit, when disposed of, is a **hazardous waste** for ignitability and toxicity.

HANDLING PROCEDURES

Note 1

M256/M256A1 and M258/M258A1 kits are tuned in to PPOC.

Note 2

M291/M291A2 and M295 kits are turned in through the JEAP (DoD Joint Equipment Assessment Program)

CBRNE Detector/ Decon Kits
M8; M9, M291; M295, M100,

Check the JEAP website for chemical items that may be able to be returned for training purposes:



This equipment will be disposed of through the Defense, Reutilization, Accountability and Disposal (DARD) program. The DARD office will require a Disposition Request Form to be completed to receive a TAC for the shipment. Please contact DARD to receive this form at the following:

- SMBLOGCOMJEAP@USMC.MIL

NOTE: JEFS/DARD disposition request form instruction are located in Appendix E

GENERAL INFORMATION

RSDL-Reactive Skin Decontamination Lotion-dispose of used/expired kits in refuse. CBRNE kits not covered by this protocol, contact **Environmental Division Hazardous Waste.**

CBRNE (PROTECTIVE MASK FILTERS)

M17/M17A1/M40/M40A1/M42

POSSIBLE AREAS OF CONCERN

The protective mask filters that contain ASC Whetlerite charcoal contain heavy metal chemical compounds (Chromium 6) and triethylenediamine.

CHARACTERIZATION

If these masks are equipped with the C2 (black body) ASC Whetlerized charcoal-filled canister NSN 4240-01-119-2315 or NSN 4240-21-871-7842, remove the C2 canister and manage as a **hazardous waste** - chromium. For those M40/M42 series masks containing the C2A1 (green body) ASZM TEDA charcoal-filled canister, NSN 4240-01-361-1319, remove the canister and collect separately from the black filters.

Note: CBRNF12B filters have a black body, but are not hazardous waste, and should be placed with the green filters.

CONTAINER MARKING AND HANDLING PROCEDURES

Note 1

C2 (black body) ASC Whetlerized charcoal-filled canister NSN 4240-01-119-2315 or NSN 4240-21-871-7842, are tuned in to PPOC.

Note 2

For those M40/M42 series masks containing the C2A1 (green body) ASZM TEDA charcoal-filled canister, NSN 4240-01-361-1319, remove the canister and collect separately from the black filters.

Note: CBRNF12B filters have a black body, but are not hazardous waste, and should be placed with the green filters. These filters are turned into your local SSA.

4240-01-529-2289



Protective Mask filters

GENERAL INFORMATION

These procedures do not cover any item that has been contaminated with agents. For information contact **Environmental Division Hazardous Waste**. *Refer to protocol sheet A-21 for chemical/CBRNE related kits.*

CLASSIFIED MATERIAL DISPOSAL

POSSIBLE AREAS OF CONCERN

Improperly handled classified materials.

CHARACTERIZATION

Information contained in classified materials needs to be properly destroyed. Open burning is not permitted on the installation by both Kentucky and Tennessee regulations.

CONTAINER MARKING AND HANDLING PROCEDURES

Step 1 Contact your brigade security office to handle the proper destruction of classified materials. If you are a tenant organization, please contact your individual security office to find out how they want to handle the proper destruction of classified materials.

Step 2 Follow guidance provided by **your security section.**

NOTE: Classified materials may require different disposal methods, i.e., FOUO, CUI, confidential, classified, secret, top secret.

NOTE: Both Kentucky and Tennessee prohibit open burning of any items on the installation. **Do not use burning as an option at the installation as you did in tactical operations.**

NOTE: Fort Campbell Regulation 420-24 Chapter 8, Section 12 prohibits all open burning on the installation without the express approval and permission of the Fire Chief

NOTE: For disposal of other PII containing documents please refer to Department of the Army PII Users Guide Appendix D



Classified Document Shredder



Burning Classified Documents is Prohibited

GENERAL INFORMATION

Cross-shredded paper is to be bagged and placed in the building's blue 96-gallon mixed paper recycling container. For additional information, contact **Environmental Division Solid Waste/ Recycling.**

CONCERTINA WIRE

POSSIBLE AREAS OF CONCERN

Use and handling of concertina wire may pose a safety risk to Soldiers and the environment. Avoid handling concertina wire without the proper personal protective equipment (PPE).

CHARACTERIZATION

Concertina wire is considered a solid waste. However, concertina wire is not easily landfilled and should be recycled.

HANDLING PROCEDURES

Step 1 Segregate all unusable concertina wire, stakes, and banding. They must be separated from each other and not mixed with other materials.

Step 2 Ensure load is manageable and meets standards (coiled, placed between two pallets and tightly banded).

Step 3 Contact **DLA Disposition Services-Campbell** to determine requirements for turn in.

NOTE: Concertina wire drawn from the supporting SSA on DA2765 must be returned to the SSA.

NOTE: For unusable concertina wire, please coordinate with DPW QRP manager to coordinate recycling.

WARNING: DO NOT CONTAMINATE C-WIRE CONTAINER, WE WILL DUMP IT OUT!

POC: QRP Managers Office (270) 798-4527



GENERAL INFORMATION

For more information on recycling, contact the **Environmental Division Solid Waste Manager or the QRP Manager for Recycling.**

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 with 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://www.lrl.usace.army.mil/Missions/Engineering/guidepubftc.aspx> 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, refer to protocol sheets, A-58 Landfill Dump Tickets and A-27/A-28 Dig Permits.

CONTAINER REQUESTS

POSSIBLE AREAS OF CONCERN

Requesting or relocation containers.

CHARACTERIZATION

Containers are used to dispose of trash. Recyclables need to be put in the proper containers. Segregate and take recyclable items to the Convenience Center to include off post **recyclables ONLY**.

NO OFF-POST TRASH ACCEPTED

HANDLING PROCEDURES

- Units can request additional containers when conducting clean outs of their areas.
- Take all field trash to the **Recycling Center** and place items in appropriate containers as directed by staff person.
- Remove all unused MRE heaters from trash and turn into the Convenience Center separately.
- Contact the Contract Management Branch
270-798-5514



Convenience Center Hours

Monday-Friday 0830-1630

Saturday 0800-1630

Sunday 1200-1600

Open on DONSA's 0800-1600

Closed 1 Jan, 4 July, Thanksgiving and Christmas

Closed for Lunch 1130 – 1200

Located @ Airborne & A Shau Valley
270-798-5695

**Containers provided by
the contractor for service**

GENERAL INFORMATION

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

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-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 for Garrison/Cantonment area contact **DPW Contract Management Branch** for Rear Area, contact **Range Control 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.

DIG PERMIT/UTILITY LOCATE CONTINUED

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

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>.

Step 6: The unit must provide the TN One-Call system with the following information: Unit Point of Contact Information (name, unit information, email, phone); work type to be done (e.g. gray water pit, fighting positions, berming, trenching, tent install); training activity location (giving the Latitude/Longitude coordinates, training area, and closest road intersection); a brief description of the extent of the training exercise (e.g. 200 meters N/S by 500 meters E/W in field); and the dates of the training exercise.

Step 7: Once the TN One-Call ticket has been submitted the Unit Point of Contact will be contacted if there are any questions or concerns regarding the ticket.

Step 8: Once the TN One-Call ticket has been approved, the TN One-Call system will send the Unit Point of Contact an email approving the ticket within 72 hours of submittal to TN-One.

Step 9: Once the unit receives the approval email from TN One-Call, contact the DPTMS Range Branch and supply the approval email and ticket number from TN One-Call, as well as a risk assessment and recovery plan. DPTMS Range Branch will then issue the unit a dig permit, which is valid for 14 calendar days.

Step 10: If the unit decides to dig in a different area, they must submit a new dig request to DPTMS Range Branch and TN One-Call.

Step 11: The unit is **responsible for recovery** after digging and will be inspected by the DPTMS Range Branch. The area that was disturbed by the digging must be returned to its original state prior to the final inspection. The unit will coordinate with Range Branch Personnel for their final inspection.

Units must ensure compliance with all laws and regulations designed to protect the environment and endangered species. The following actions are prohibited during any training activities on Fort Campbell:

- 1.) Digging in unauthorized areas is prohibited. No digging is permitted without a dig permit from DPTMS Range Control.
- 2.) No military training is authorized in cemeteries. These cemetery locations are marked with reflective Seibert stakes and chains for their protection.
- 3.) No digging or construction of any kind is permitted on or within 200 meters of any DZ or FLS.
- 4.) Field latrines and/or “cat holes” will not be dug within the Fort Campbell Training Complex.
- 5.) Units are not permitted to trench along or across buried communication cables.
- 6.) If any area needs to be re-seeded after digging, it must be in the recovery plan.

GENERAL INFORMATION

Please contact the DPTMS Range Branch at (270) 798-4621 or the Fort Campbell Cultural Resources Office at (270) 412-8174 if you have any questions about the Dig Permit process.

DRIP/DRAIN PANS

POSSIBLE AREAS OF CONCERN

JP8 / F24 and other fuels can potentially contaminate storm water and ground water.

CHARACTERIZATION

Army maintenance procedures will be used to classify leaks and drip pans and will only be used on vehicles that are determined to have a Class II or Class III leak. This policy requires that a strong preventive maintenance program be in place at each motor pool which addresses technically inspecting all vehicles and equipment at the motor pool for conditions that could lead to leaks or spills of hazardous or POL materials. All incoming vehicles and equipment should be inspected for fluid leaks and drips as called for in appropriate technical manuals and motor pool SOP's. As part of the preventive maintenance program, fluid leaks and/or drips should be reported and scheduled for repairs immediately.

HANDLING PROCEDURES

Step 1 If equipment is leaking, work orders for repair should be submitted. Class II or Class III (forms a drip or drip drops to ground) leaks of vehicles and equipment should be contained with drip pans/containment device as a temporary measure. **There is no requirement on Fort Campbell, KY for non-leaking equipment/vehicles to have drip pans.**

NOTE: When pans are used for draining equipment, POL product must be poured in used oil container by unit personnel. Drip pans **should not** be placed in HM return locker.

NOTE: Units should empty line drip pans after each rain event.

NOTE: **DO NOT** pour drip pan oil/water mix into used oil containers. A white POL absorbent pad may be used to absorb the POL residue/sheen, and then the water with no POL sheen may be discarded on a grassy area. Place absorbent pad in bag, label bag, and place in return locker.



Drip pan

GENERAL INFORMATION

For more information, contact **Environmental Division Storm Water.**

FILTERS-MILITARY & CIVILIAN (Gasoline, Mogas, E85, AVGAS)

POSSIBLE CONTAMINANS OF CONCERN

MOGAS may contain VOCs such as benzene, toluene, trimethylbenzene and xylene in varying levels. Refer to the MSDS for specific hazards.

CHARACTERIZATION

These used fuel filters are **Hazardous Wastes** and cannot be thrown in the dumpster.

CONTAINER MARKING AND HANDLING PROCEDURES

- Step 1** If SAP is not established, turn in used fuel filters immediately upon generation. Contact the PPOC if a container is needed.
- Step 2** If the fuel filters will be accumulated on-site contact **Environmental Division Hazardous Waste** to establish a Satellite Accumulation Point (SAP) for hazardous waste.
- Step 3** Mark any container holding used GASOLINE, MOGAS, E85, or AVGAS fuel filters with the words "Hazardous Waste/Used Fuel Filters."
- Step 4** Place the filters in containers provided. Containers will be closed except when adding or removing waste.
- Step 5** If used fuel filters are accumulated at a SAP, write the fill date on the container lid when the container is full, or sooner as needed call **PPOC HazWaste Pick-Up** to schedule a pick-up of the used fuel filters.



Used fuel filters

GENERAL INFORMATION

On-site accumulation of used fuel filters requires establishment of a Satellite Accumulation Point (SAP) and weekly inspections that must be maintained for 3 years. For information contact **Environmental Division Hazardous Waste**.

FILTERS-MILITARY & CIVILIAN

(Used Oil, Diesel, & JP-8, F-24)

POSSIBLE AREAS OF CONCERN

Used Oil, Diesel & JP-8 filters contain volatile organic compounds in varying levels. Refer to the respective SDSs for specific hazards.

CHARACTERIZATION

Used oil filters and used fuel filters should not be thrown in the dumpster. Used gasoline/MOGAS fuel filters are **hazardous waste**.

CONTAINER MARKING AND HANDLING PROCEDURES

Step 1 Place drained used Oil/Diesel/JP8/F24 filters in the container located in HAZMAT return area.

Step 2 Mark the container holding filters with the needed description "Used Oil/Diesel/JP-8 Filters."

NOTE: For large equipment that may have multiple oil filters (i.e., material handling forklifts) contact the PPOC to get containers and schedule removal.

NOTE: Used filters from gasoline/MOGAS equipment must be turned in immediately at the PPOC, or they must be accumulated at a Satellite Accumulation Point (SAP) as Hazardous Waste (A-29). Contact **Environmental Division Hazardous Waste** if a SAP is needed

NOTE: M969, M977, M978 HEMTT Tankers filter separators filters elements must be turned in at the PPOC for draining and disposal.

Contact PPOC HAZ-Waste Pick Up for a turn in appointment



Fuel filters should not be placed in dumpster.

GENERAL INFORMATION

For additional information contact **PPOC Services**.

FIRE EXTINGUISHERS (BUILDING)

AREAS OF CONCERN

Building fire extinguishers pose a risk to health and safety when discharging. DPW Supply provides initial fire extinguishers to replace the old CO2 (carbon dioxide) or water (silver bullet) fire extinguishers.

CHARACTERIZATION

Building fire extinguishers may contain residue that could be an irritant.

HANDLING PROCEDURES

INITIAL REPLACEMENT OF BUILDING FIRE EXTINGUISHERS (missing from building or building only contains CO2 and/or water extinguishers)

Go to **DPW Supply, Bldg. 5122, 3rd St & Wickham Ave** with service order number to obtain Fire Extinguishers.

DISCHARGED BUILDING FIRE EXTINGUISHER

- IAW IMCOMS new policy Portable fire extinguishers are personal property and are not Installed Building Equipment (IBE) (Real Property) - please see AR 420-1, Chapter 4-60.
- IMCOM DPW's are only responsible for the maintenance, repair, and replacement of IBE (real property), not personal property mobile/servable equipment.
- Not a QEMS nor a QDEH requirement for the Garrison to fund replacement and maintenance of these portable fire extinguishers.
- After initial issue - any follow-on maintenance, repair, and replacement of these portable fire extinguishers then becomes the Facility Manager's (tenant's) responsibility.

NOTE: Take all CO2, water, old out of date, or discharged fire extinguishers to **PPOC Fire Extinguishers** at Bldg. 5209, Desert Storm and Oregon Ave for disposal
Phone number (270)-956-1420.



GENERAL INFORMATION

NOTE: Units will be responsible for the servicing of the building Fire Extinguishers either through their supply or S4 sections

FIRE EXTINGUISHERS (VEHICLE/EQUIPMENT)

AREAS OF CONCERN

Fire extinguishers pose a risk to health and safety when discharging. The Pollution Prevention Operations Center (PPOC) has implemented a program for exchange of tactical vehicle/equipment fire extinguishers (separate from building extinguishers). Do not remove building fire extinguishers and use for equipment such as your FARP or other training missions. **Check the TM/FM for appropriate size/type Fire Extinguisher.** The PPOC can assist in determining the correct extinguisher for your application.

CHARACTERIZATION

Vehicle/equipment fire extinguishers may contain residue that could be an irritant.

HANDLING PROCEDURES

DO NOT DRILL HOLES, REMOVE HEADS, OR DISCHARGE VEHICLE/EQUIPMENT FIRE EXTINGUISHERS

- Step 1** Bring unserviceable or excess vehicle/equipment/Halon fire extinguishers to the **PPOC Fire Extinguishers** at Bldg 5209, Desert Storm and Oregon Ave for disposal between 0700 – 1100 and 1300 -1500. (**Do Not** discharge or empty).
- Step 2** If the PPOC has a serviceable fire extinguisher in stock, you may pick up one in exchange.
- Step 3** If no fire extinguishers are in stock, you may receive one within 3 – 4 weeks.

NOTE: PPOC Fire Extinguishers section does not service vehicle suppression systems (powder, Halon, HFC-227, etc). Coordinate with your Unit Supply and/or Unit Maintenance Officer first for disposition and issuance at your supporting SSA facility. Division G4 maintenance will assist if requested from the unit

NOTE: Turn-in of unserviceable AFES bottles will be done by the unit supply section and/or the maintenance section to their supporting SSA.



GENERAL INFORMATION

For additional information on types and availability of building fire extinguishers contact the **Ft. Campbell Fire Department Station 3**. For additional information on vehicle fire extinguishers, and DOT transportation requirements, contact **PPOC Support**.

FLUORESCENT TUBES, MERCURY-CONTAINING LAMPS, and LED BULBS

POSSIBLE AREAS OF CONCERN

Small quantities of mercury, antimony, cadmium, barium, and lead are used to manufacture fluorescent bulbs and mercury vapor lamps, metal halide, halogen, and high pressure sodium lamps.

CHARACTERIZATION

All used lamps including fluorescent bulbs and mercury-containing lamps are **universal wastes**.

CONTAINER MARKING AND HANDLING PROCEDURES

Step 1 Place used fluorescent tubes in the original container or shipping box provided. Box must be able to be closed (do not cut end out of box).

Step 2

- Label the box with "Universal Waste Lamps".
- Date the box with the date the first used lamp is put in the box/container (used bulbs should not be maintained in area longer than 6 mo.).

Step 3 Always close container after adding bulb/lamp.

Step 4 Transport used bulbs in a sturdy box to the appropriate consolidation points for your unit/activity:

NOTE: Broken tubes/bulbs should be swept up, bagged/containerized (BMP) and taken to **Troop Self Help**. If a lamp is broken off at the end and is too large to bag, place the lamp inside the Universal Waste fluorescent lamps box and take it to **Troop Self Help**.

- Troop Self Help, Bldg 5122, 3rd St & Wickham Ave.
- AAFES Main Exchange (for AAFES facilities only), Bldg 2840, Bastogne Ave
- Blanchfield Army Community Hospital (BACH), Bldg 650 Joel Drive
- Ft Campbell Dependent Schools for schools only, Bldg 1110, Falcon Loop

NOTE: Troop Self Help will issue one for one exchange of bulbs to units and activities with an established account. **Do Not Purchase Fluorescent tubes/lights on Government credit card (GPC).**



Fluorescent tubes boxed, labeled and sealed.

GENERAL INFORMATION

All used bulbs are recycled, even the low-level mercury-containing ones. For additional information contact Environmental **Division Hazardous Waste**.

FUEL (F-24/JP8 RECYCLABLE)

POSSIBLE AREAS OF CONCERN

F-24/JP8 is a DOT flammable material and should be handled in accordance with appropriate safety guidelines.

CHARACTERIZATION

Recycled F-24/JP8 can reduce waste of fuel and funds while protecting the environment.

HANDLING PROCEDURES

Step 1 Selected units have been assigned Recyclable F-24/JP8 containers.

Step 2 During maintenance operations of fueling vehicles, if drained fuel is good, capture and place in the Recyclable F-24/JP8 container.

Step 3 When gauge reaches between 25-34 inches, contact **PPOC HazWaste Pickup** to have tank emptied.

NOTE: This is ONLY for F-24/JP8 – no other fuel or oil product.

1. Do not place separator bottom drainage from recirculation operations. (This material should be placed in USED OIL container.)
2. No purged water.

NOTE: Container must be sealed with a lock to prevent addition of other products



Recyclable F-24/JP8 Container

GENERAL INFORMATION

For more information on recycling F-24/JP8, contact **PPOC Services**. See protocol sheet A-43 for large quantities of F-24/JP8.

AVIATION GAS (AVGAS)

POSSIBLE AREAS OF CONCERN

Aviation gasoline (AVGAS) is a extremely flammable material. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. **No smoking**. Take precautionary measures against static discharge. Use only non-sparking tools. Obtain special instructions before use. **Do not handle until all safety precautions have been read and understood.**

CHARACTERIZATION

This fuel contains ingredients that are hazardous to personnel and the environment. Aviation gasoline (AVGAS) is extremely flammable liquid, and vapors can contain toxic additives.

HANDLING PROCEDURES

1. **Ground/bond all metal containers and receiving equipment;** Use explosion-proof electrical equipment.
2. Keep container(s) tightly closed and properly labeled. Use and store this material in cool, dry, well-ventilated areas away from heat, direct sunlight, hot metal surfaces, and all sources of ignition. Store only in approved containers. **Post signs that say, "No Smoking or Open Flame".**
3. "Empty" containers retain residue and may be dangerous. "Empty" drums should be completely drained, properly bunged, and turned in for proper disposal
4. All containers should be disposed at the **PPOC**

Fuel cans with Recyclable Fuel stored outside of buildings: **Store Fuel cans IAW CAM Reg 420-24**

- Take small quantities of Recyclable Fuel to the **PPOC (Bldg. 5132)** for turn in.
- If your unit has 55-gallon drums of Recyclable Fuel that need to be disposed of **notify PPOC HazWaste Pickup** for assistance



GENERAL INFORMATION

Aviation Gasoline-driven power equipment should be maintained at minimum levels. For additional guidance on storage contact the **Fire Department** and **Installation Safety Office**. For disposal guidance contact **PPOC Services**.

FUEL CANS

AREAS OF CONCERN

Units will empty fuel from cans and allow them to air dry. Any remaining residual fuel in drums must be emptied into the contaminated fuel holding tank located at the Maintenance Division prior to purging and classification.

CHARACTERIZATION

These fuels contain ingredients that are hazardous to the environment but are considered non-hazardous when collected on the installation and recycled. Recyclable fuel generates money for QRP programs.

HANDLING PROCEDURES

Step 1 Place recyclable fuel in 5-gallon fuel cans labeled "Recyclable Fuel." Keep containers closed except when adding or removing Recyclable Fuel. Ensure the containers are in good condition and not leaking.

Step 2 Take Recyclable Fuel to the **PPOC (Bldg. 5132)** for turn in. Follow PPOC guidance.



NOTE: Fuel cans with recycled fuel stored inside buildings:
All flammable and combustible liquids will be stored in a flammable storage cabinet or inside storage room when not in use.

1. Must be stored in a flammable locker or Fuel Container. (Must be labeled "Flammable – Keep Fire Away")
2. No more than 25 gallons may be stored in the flammable locker.
3. Storage on top of flammable storage cabinets is prohibited.



Fuel Can SCU NSN:
8145-01-515-6458

Fuel cans with Recyclable Fuel stored outside of buildings: Store Fuel cans IAW CAM Reg 420-24

NOTE: Fuel Cans have a 5-year shelf life. Add 5 to the two-digit code and that's when it expires. i.e. 11+5=16 So, it expired in 2016. Please take all unserviceable and expire cans to the Convenience Center.



GENERAL INFORMATION

For additional guidance on storage contact the **Fire Department** and **Installation Safety Office**. For disposal guidance contact **PPOC Services**.

FUEL (RECYCLABLE SMALL QUANTITY)

Gasoline, MOGAS, Coleman Fuel, AVGAS/
Serviceable/Used/Contaminated

POSSIBLE AREAS OF CONCERN

Recyclable fuels are petroleum-based products that have a flashpoint less than 100 degrees F. Recyclable fuels include Mogas, Coleman Fuel, AVGAS (serviceable/used/contaminated), and these fuels must be separated from Used Oil, because they may contain Benzene. JP8 should be handled by other procedures described in this document.

CHARACTERIZATION

These fuels contain ingredients that are hazardous to the environment but are considered non-hazardous when collected on the installation and recycled. Recyclable fuel generates money for QRP programs.

HANDLING PROCEDURES

Step 1 Place recyclable fuel in 5-gallon fuel cans labeled "Recyclable Fuel." Keep containers closed except when adding or removing Recyclable Fuel. Ensure the containers are in good condition and not leaking.

Step 2 Take Recyclable Fuel to the **PPOC (Bldg. 5132)** for turn in. Follow PPOC guidance.

NOTE: Fuel cans with recycled fuel stored inside buildings:

1. Must be stored in a flammable locker or Fuel Container. (Must be labeled "Flammable – Keep Fire Away")
2. No more than 25 gallons may be stored in the flammable locker.

Fuel cans with Recyclable Fuel stored outside of buildings: **Store Fuel cans IAW CAM Reg 420-24**

Fuel Can SCU NSN:8145-01-515-6458



Recyclable fuel may be brought to the PPOC 2nd & Wickham



Fuel Can SCU

GENERAL INFORMATION

Fuel for lawn mowers and other gasoline-driven power equipment should be maintained at minimum levels. For additional guidance on storage contact the **Fire Department** and **Installation Safety Office**. For disposal guidance contact **PPOC Services**.

FUEL DRUM (BLIVET)

Purging & Repair

AREAS OF CONCERN

Units will empty as much fuel from drums as possible. Any remaining residual fuel in drums must be emptied into the contaminated fuel holding tank located at the Maintenance Division prior to purging and classification.

CHARACTERIZATION

The Fuel Drum Repair Shop classifies and determines if a drum is salvaged or repairable. If salvaged, salvage is documented on the Maintenance Work Request and the unit is provided a copy of the Work Request and Purge Statement for turn-in purposes.

HANDLING PROCEDURES

- Step 1** Contact AFSBN-Campbell's Maintenance Division at 270-798-2783. Call here for any questions you have.
- Step 2** Ensure unit has a Signature Card (DD Form 1687) and Assumption of Command orders on file at the Maintenance Division.
- Step 3** When necessary, turn in the empty fuel drum at Bldg. 5339 to be purged and classified as salvaged or repairable.
- Step 4** If the drum is classified as salvage, the unit prepares a DD Form 1348-1A for turn-in. Drum Repair Shop annotates that the fuel drum has been triple rinsed and classified as salvage on a Form EFC-2208 B (Fuel and Water Drum Repair Purging Statement). These documents along with the closed work order will be used to turn the salvaged drum/blivet.
- Step 5** Unit picks up the fuel drum if classified as salvage and turns into their SSA.

NOTE: The **owning unit** is to ensure that salvaged drums are removed from the property book.



GENERAL INFORMATION

For additional information contact the Maintenance Division located on Bldg. 5339 Wickham Ave., 270-798-2783.

FUEL EQUIPMENT SECONDARY CONTAINMENT

POSSIBLE AREAS OF CONCERN

Potential discharges of Petroleum, Oil, and Lubricants (POL) products into or upon the navigable waters of the United States.

CHARACTERIZATION

The purpose of this policy is to identify and implement preventive measures to minimize potential discharges of oil, fuel, and other hazardous substances.

HANDLING PROCEDURES

1. In accordance with 40 CFR 112.7(c), appropriate secondary containment and/or diversionary structures or equipment are required to prevent a discharge as described in 40 CFR 112.7(b). The entire containment system, including walls and floor, must be capable of containing oil and must be constructed so that any discharge from a primary containment system, such as a tank or pipe, will not escape that containment system before cleanup occurs.
2. Other bulk containers of POL, such as portable storage tanks used in air missions (e.g., extended range fuel system and aircraft tanks and external fuel pods), do not all have individual secondary containments. Due to the frequent movement of portable tanks for unit operation changes, secondary containment is often rendered impractical. The installation provides secondary containment units (SCUs) and has constructed permanent containments at some locations to address such containers. Additionally, some portable storage tanks used in training missions on Fort Campbell are provided temporary secondary containment consisting of an earthen berm with a plastic liner. For portable containers without secondary containment, BMPs are implemented. BMPs include staging portable storage tanks away from open drains and sewers that could impact navigable waters, equipping portable storage tanks with spill kits, providing appropriate spill response equipment (absorbents, pads), and maintaining portable storage tanks in accordance with good housekeeping procedures
3. Any containment system to hold at least the maximum capacity of any single compartment of a tank car or tank truck loaded or unloaded at the facility.

GENERAL INFORMATION



Drive-on containment (DOC) units are for containing accidental spills and preventing releases to the environment, not fueling or storing leaking equipment. Spills released into the DOC must be removed immediately for regulatory purposes. Additional spill assistance/guidance may be obtained from the **Environmental Division Spill/Storage Tank Program, 270-798-9637/9601**.

FUEL/ POL SPILLS

Reporting, Safety, Clean-Up

POSSIBLE AREAS OF CONCERN

Failure to properly clean up spills violates State and Federal regulations and causes concerns to human health and safety.

CHARACTERIZATION

Improperly discharged petroleum, oil, or lubricant (POL) products.

HANDLING PROCEDURES

Step 1 BE PREPARED

- Know response material locations
- Know response procedures

Step 2 BE SAFE

- Identify spilled substance / Read SDS
- Use personal protective equipment if trained and familiar with the spilled material.

Step 3 WHEN TO CALL

- a. Greater than 10 gallons
- b. Greater than three (3) feet squared
- c. Enters any water source including lakes, rivers, streams, retention areas, storm water drains or groundwater

Step 4 NOTIFY

- Tell your supervisor
- Fort Campbell Emergency Dispatch 911
- Range Control (if in Training Area)
(270) 798.3001
- SPCC/Storage Tank Program
(270)798-9637/9601

Step 5 WHAT TO REPORT

- Location and address of release
- Name and phone number of POC
- Date and time of release
- Type and quantity of substance
- Cause and source of release

Step 6 STOP THE SOURCE

- Plug, roll, or right drums
- Use emergency shut-off devices

Spill Kit Materials



Step 7 PROTECT WATER

- Confine the spill with sandbags or booms
- Block access to storm water grates

Step 8 CLEAN UP

- Pump or sweep into a safe container

Step 9 DISPOSE

- Contain wastewater or sweepings
- Call **PPOC** for proper disposal

Step 10 RESTOCK AND REVIEW

- Replace other materials and equipment. See list in Appendix D
- Review the incident for lessons learned

GENERAL INFORMATION

Spills that occur off-post or on other installations should be reported to the unit chain of command and the local governmental agency. Additional spill assistance/guidance may also be obtained from the

Environmental Division Spill/Storage Tank Program.

For Spills related to Hazardous Substances or other hazardous materials see protocol sheet A-51

FUEL TURN IN (F-24/JP8 LARGE QUANTITIES) (Fuel Tankers/HEMTT/PODS/Collapsible Drums)

POSSIBLE AREAS OF CONCERN

F24/JP8 is a DOT-flammable material and should be handled in accordance with appropriate safety guidelines.

CHARACTERIZATION

Recycled F-24/JP8 can reduce waste of fuel and funds while protecting the environment.

HANDLING PROCEDURES

Step 1 For unwanted or contaminated quantities of F-24/JP-8 over 150 gallons bring a copy of a memo signed by the commander to **DPW Environmental Division Hazmat** stating the quantity and that the unit does not need the excess fuel.

Step 2 Coordinate with **DPW Environmental Division Hazmat** for further instructions on when to bring excess fuel to the PPOC.

NOTE: The memo needed to turn fuel in is located in Appendix E



GENERAL INFORMATION

For more information on recycling F-24/JP8, contact **PPOC Services**. See protocol sheet A-39 for small quantities of F-24/JP8.

FUELING/REFUELING

POSSIBLE AREAS OF CONCERN

Fort Campbell requires fueling of military vehicles and equipment in designated fueling areas only. This requirement is in alignment with regulations from the United States Environmental Protection Agency to establish procedures, methods, and equipment to prevent the discharge of Petroleum, Oil, and Lubricants (POL) products into or upon the navigable waters of the United States.

CHARACTERIZATION

The purpose of this policy is to identify and implement preventive measures to minimize potential discharges of oil and other hazardous substances.

HANDLING PROCEDURES

Garrison Operations

Step 1 Establish and maintain Standard Operating Procedures (SOPs) for fueling. Only permanent containment structures to be used in motor pools, no portable containments.

Step 2 Provide training on SOPs and fueling operations.

Step 3 Use caution when transferring fuel. Do not leave fueling operation unattended. Spill kit must be available, providing appropriate spill response equipment.

NOTE: The primary location to fuel vehicles and equipment is the Class III/Bulk Fueling Point, Building 6050. Refueling in motor pools is permitted with management practices.

NOTE: POL Storage of 55 gallons or more requires secondary containment. Stage mobile and portable equipment away from open drains, sewers, and other water sources. Park mobile fuel tankers containing fuel on secondary containment. Tankers in transportation mode for refueling do not require secondary containment.

Field Operations

Step 1 Establish and maintain Standard Operating Procedures (SOPs) for fueling during Field Operations. This should include the use of earthen berms, poly-sheeting, and/or portable containments.

Step 2 Provide training on SOPs and fueling operations.

Step 3 Use caution when transferring fuel. Do not leave fueling operation unattended. Spill kit must be available, providing appropriate spill response equipment.

NOTE: Fueling during field exercises is authorized, but the tanker must be secondarily contained.

NOTE: POL Storage of 55 gallons or more requires secondary containment. Stage mobile and portable equipment away from open drains, sewers, and other water sources.

GENERAL INFORMATION

Drive-on containment (DOC) units are for containing accidental spills and preventing releases to the environment, not fueling or storing leaking equipment. Spills released into the DOC must be removed immediately for regulatory purposes. Additional spill assistance/guidance may be obtained from the Environmental Division Spill/Storage Tank Program, 270-798-9637/9601.

FURNITURE/APPLIANCES (GOVERNMENT)

POSSIBLE AREAS OF CONCERN

Military Furniture and Appliances (government property) require special handling and disposal procedures. These items must not be discarded in dumpsters. Excess and surplus property is regulated by Defense Material Disposition Manual.

CHARACTERIZATION

These items should be recycled to reduce the quantity of waste placed in landfills and reduced quantities of new raw materials.

HANDLING PROCEDURES

Step 1 Furniture or appliances must be cleared through the Property Book/Hand Receipt holder.

Step 2 Take to **IPBO** to determine requirements for turn in. ISD will perform a serviceability test before removing Freon.

NOTE: Furniture and appliances must not be placed in the dumpster or discarded in rear area



Do not dispose of appliances and furniture in dumpsters

GENERAL INFORMATION

For more information or assistance, contact **IPBO**.

See page A-77 or A-78 for procedure for proper removal of refrigerant prior to disposal.

FURNITURE/APPLIANCES (NON-GOVERNMENT)

POSSIBLE AREAS OF CONCERN

Furniture and Appliances must not be discarded in dumpsters.

CHARACTERIZATION

These items should be recycled to reduce the quantity of waste placed in landfills and reduce the quantities of new raw materials needed in manufacturing.

HANDLING PROCEDURES

Step 1 Furniture or appliances may be discarded at the **Convenience Center**.

NOTE: No furniture/appliances from off-post shall be brought on post for disposal. It is a violation of Federal Law.

NOTE: You may make attempts to donate items to charitable organizations, thrift stores or second-hand shops.

NOTE: PCS'ing / Moving Off Post? Show Paperwork to Attendant at the Convenience Center for disposal of leftover trash and unwanted items.



Do not throw away furniture and appliances in dumpsters

GENERAL INFORMATION

For more information or assistance, contact **Environmental Division Solid Waste/Recycling**.

GAS CYLINDERS (COMPRESSED)

(Oxygen, Acetylene, Argon, Nitrogen, Propane, Helium, etc.)

POSSIBLE AREAS OF CONCERN

Oxygen, acetylene, argon and other pressurized bottles have hazards associated with fire and pressurized containers.

CHARACTERIZATION

Refillable compressed gas cylinders are used for both civilian and military operations.

HANDLING PROCEDURES

Step 1 Contact AFSBn/ISD Compressed Gases for assistance with issue, turn-in and resupply of gases. Unit must requisition all cylinders through the supply system.

Step 2 Storage requirements should be coordinated with Fire Department and Installation Safety Office.

NOTES: Only cylinders marked "US Government" will be accepted.

- Empty cylinders must have caps and be palletized before turn in. **No partially filled cylinders will be accepted for turn in.**
- Medical oxygen cylinders are issued and exchanged at IMSA. (270)798-8347
- Carbon Dioxide or nitrogen small cylinders with no valves should be considered empty when punctured and discharged.
- All refrigerant cylinders are to be returned to building 5209 for proper handling and disposal.



Cylinders

NO CYLINDERS SHOULD BE PUT IN ANY DUMPSTERS turn them in to the PPOC

GENERAL INFORMATION

For additional information on disposable cylinders see protocol sheet A-41. For disposal of unwanted cylinders, contact AFSBn, Installation Maintenance Division Mgr.

NOTES: For Consumer, Non-industrial Propane Tanks (25 lb.):



1. Military personnel deploying overseas may turn in unwanted propane tanks at the Main PX (2840 Bastogne Ave). Do not carry the tank(s) through the store. Leave the tank(s) in your vehicle until coordination for turn-in is made through Customer Service. Once authorized, take the tank(s) to the cages located outside adjacent Outdoor Living, on the west side of the building.
2. If desired, customers can also Go to Main PX Customer Service, obtain a coupon, and get the coupon stamped with the store stamp. Later, when the customer arrives at his/her new duty station (or returns from deployment), she/he can get a new tank, at which time both the receipt for the new tank and the previously stamped coupon can be mailed to the address listed on the coupon

GAS CYLINDERS (DISPOSABLE)

Non-reusable, single-use containers (i.e., Propane, Ether, MAPP, Calibration Gases, Helium, for balloons)

POSSIBLE AREAS OF CONCERN

Propane, ether and other pressurized bottles have hazards associated with fire and pressurized containers.

CHARACTERIZATION

Non-refillable propane, ether and Mapp gas bottles are used for plumbing operations, personal heating and vehicle operations. These gases represent physical and environmental hazards if not disposed of properly.

HANDLING PROCEDURES

Step 1 Place non-refillable propane, Mapp gas, or ether bottles in the HM Return lockers.

Step 2 If unit/activity does not have return lockers, they may be taken to PPOC.

NOTE: Empty personal propane and related non-refillable gas containers can be taken to the **Convenience Center** for disposal. Cylinders that are not completely empty can be taken to the PPOC for disposal/reuse.



Bottles Mapp gas/ether bottles

NOTE: **ALL REFRIGERANT CYLINDERS MUST BE TURNED INTO THE PPOC. AT NO TIME SHOULD THEY BE PUT INTO THE DUMPSTER.**

GENERAL INFORMATION

See compressed gas (oxygen, acetylene, argon, etc.) protocol for additional information, protocol sheet A-47.

GLASS

POSSIBLE AREAS OF CONCERN

Glass is an expensive burden on our community and a waste of a valuable resource.

CHARACTERIZATION

Fort Campbell's Installation Recycling Policy encourages all Installation activities, tenants, contractors, and tenant organizations to recycle glass to prolong the life of landfills and reduce quantities of new materials.

HANDLING PROCEDURES

Step 1 Remove lids/caps and rinse containers.

Step 2 Take items to the Convenience Center.



Glass is recyclable

GENERAL INFORMATION

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

GREASE (MAINTENANCE)

POSSIBLE AREAS OF CONCERN

GAA grease contains petroleum hydrocarbons and additives. Refer to the SDS for specific hazards.

CHARACTERIZATION

Grease contaminated with dirt, water, or other materials is a **non-hazardous industrial waste** due to the petroleum constituents.

HANDLING PROCEDURES

- Step 1** Place empty containers and contaminated materials (i.e., greasy rags) in Hazardous Materials (HAZMAT) return area.
- Step 2** Mark containers to identify contents.
- Step 3** Make sure container is closed and placed to prevent spills.

NOTE: When using small quantities of grease from cartridges, remove the entire tube top and replace. Do not pop/open the pull tab section.

All grease contaminated materials must be bagged for disposal.



GAA Grease

GENERAL INFORMATION

Place unused or old GAA grease in the HM return area as soon as it is not needed. Do not accumulate on site. For additional information contact **PPOC Services**.

HAZARDOUS SUBSTANCE SPILLS

POSSIBLE AREAS OF CONCERN

Hazardous substances, when spilled, pose a risk to individuals and the environment.

CHARACTERIZATION

Many hazardous materials and substances are used in the daily operation of the installation pose physical, health and environmental hazards.

HANDLING PROCEDURES

- Step 1** Safety Data Sheets (SDS) should be maintained on all hazardous materials.
- Step 2** Employees should be familiar with, and trained on, the potential hazards of chemicals in the workplace, coordinating with **Installation Safety Office** (HAZCOM CAM Reg. 385-6) for training requirements.
- Step 3** If spills occur with chemicals that are not routinely used, or if employees are not trained and equipped with proper spill cleanup materials, 911 should be called.
- Step 4** If there is a question about clean up and reporting, contact the Environmental Division **Compliance Program Manager** for guidance.



Hazardous substances, including mercury

NOTE: Mercury spills of any quantity must be reported to 911.

GENERAL INFORMATION

The following information should be relayed when reporting a spill: Name/Phone/Unit of individual reporting the spill; location of spill; name and amount of spilled material; rate currently spilling; extent of spill, including drainage features; injuries, if any; time spill occurred, and any additional information.

Spill materials for specific chemicals must be obtained through your supply section.

See Appendix D for an NSN list of spill materials.

For POL and Fuel Spills see protocol sheet **A-42**.

HOUSEHOLD HAZARDOUS WASTE (HHW)

POSSIBLE AREAS OF CONCERN

When improperly disposed of, HHW can create a potential risk to people and the environment. Household chemicals cannot be shipped with household goods when moving.

CHARACTERIZATION

Leftover household products that contain corrosive, toxic, ignitable, or reactive ingredients are to be considered HHW. Products such as paints, cleaners, oils, batteries and pesticides that contain potentially hazardous ingredients require special care when disposed.

HANDLING PROCEDURES

Step 1 On-post Soldiers and family members (installation residents) may take unwanted household chemicals to the Convenience Center.

NOTE: Off-post personnel may use the HHW collection event(s) sponsored by Tennessee Environment and Conservation, usually twice annually. Currently there is no HHW event for Kentucky off-post residents.



NOTE: Household chemicals cannot be shipped with furniture when moving.

Household hazardous waste should be recycled or disposed of properly

**For Off-post Solid Waste Convenience Centers see:
Stewart County:**

<http://www.mcgn.org/bi-county/stewart-county-locations-and-hours>

Montgomery County:

<http://www.mcgn.org/bi-county/locations>

GENERAL INFORMATION

For more information on recycling, contact the Environmental Division Solid Waste/Recycling Program. Most household hazardous waste items should be shared with neighbors or activities for beneficial use instead of discarding.

HAZMAT (LOCKER PROCEDURES)

POSSIBLE AREAS OF CONCERN

These procedures are mandatory for all units and activities formally inducted into the HMCC.

CHARACTERIZATION

The HMCC establishes a single point control and accountability over the requisitioning, receipt, distribution, storage and disposal of hazardous materials and wastes.

HANDLING PROCEDURES

- Step 1** Unit will appoint a Hazmat Custodian.
- Step 2** PPOC will provide an inventory and post it to the locker. **DO NOT** remove the inventory list.
- Step 3** PPOC Delivery Drivers will provide sign out log (FC Form 200), available in Appendix D or available on the Environmental Division Website. Sign the log for products removed from Hazmat storage areas. It is recommended that the unit/activity indefinitely file completed sign out logs in their area to satisfy regulatory requirements. The sign out logs are a record of individuals' potential exposure to certain materials.
- Step 4** Return serviceable products to the location indicated on the sign out sheet and sign them back in. Ensure that the lids of any returned products are secure and tight. Return unserviceable/contaminated/empty containers to Return Locker.
- Step 5** Ensure storage areas are secured (closed and under operator control) when not in use.
- NOTE:** To obtain products not on the locker inventory sheet contact PPOC Delivery Driver or **PPOC Services**.
- NOTE:** Do not support UBL (training) operations with Garrison stock. See page A-56.
- NOTE:** Ensure all hazmat is obtained through PPOC and not with government purchase credit card (GPC).
- NOTE:** If no locker/return area established, return empty containers to PPOC.



Soldiers read hazmat product information before using

GENERAL INFORMATION

For more information contact **PPOC Services**, refer to Chapter 5 of this book, or refer to Chapter 4 of the 101st ABN DIV (AASLT) & Fort Campbell Installation Logistics Support Plan Gray Book.

HAZMAT (LOCKER-ESTABLISH)

POSSIBLE AREAS OF CONCERN

NONE

CHARACTERIZATION

The HMCC establishes a single point control and accountability over the requisitioning, receipt, distribution, storage and disposal of hazardous materials and wastes.

All SCU's/Flam Lockers are accountable property book items. Turn-in of these items must be coordinated through the unit/activity hand receipt holder or property book officer.

HANDLING PROCEDURES

- Step 1** Contact **PPOC Services** to determine if unit will need HazMat items and establish program requirements.
- Step 2** Maintenance operations will establish seven (7) day (shop stock) hazmat requirements with PPOC Services.
- Step 3** PPOC Services will identify types and quantities of hazmat lockers needed after reviewing requirements for storage and compatibility.
- Step 4** If hazmat lockers are not available from the PPOC as free issue see Step 5 and 6.
- Step 5** Unit will provide a memo from unit commander or S4 to approve purchase of storage lockers.
- Step 6** Unit procures flammable/corrosive storage cabinets. Unit will contact PPOC Services upon locker arrival.
- Step 7** PPOC Services will place storage area into operations with the hazmat delivery schedule.



Hazmat locker

NOTE: NSN List can be found in Appendix D on the Spill Kit list

GENERAL INFORMATION

For more information on hazmat lockers contact **PPOC Services**, refer to Chapter 5 of this book, or refer to Chapter 4 of the 101st ABN DIV (AASLT) & Fort Campbell Installation Logistics Support Plan Gray Book.

HAZMAT (RETURN LOCKER PROCEDURES)

POSSIBLE AREAS OF CONCERN

These procedures are mandatory for all units and activities formally inducted into the HMCC.

CHARACTERIZATION

The HMCC establishes a single point control and accountability over the requisitioning, receipt, distribution, storage and disposal of hazardous materials and wastes.

HANDLING PROCEDURES

- Step 1** Return all contaminated/unserviceable materials and empty containers to the return locker
- Step 2** Ensure all materials placed in the return lockers are properly marked to identify contents.
- Step 3** Ensure containers are closed, if possible, with a lid that will prevent a release of the material in the event the container is turned over.
- Step 4** PPOC personnel will remove and properly dispose of return locker materials.

NOTE: POL containers that cannot be closed should be drained into used oil container or POL Accumulation Point.



Picture of Return lockers



GENERAL INFORMATION

Do not place batteries in the return locker. See Lead Acid Battery guidance for disposal. For additional information contact the **PPOC Services**, refer to Chapter 5 of this book, or refer to Chapter 4 of the 101st ABN DIV (AASLT) & Fort Campbell Installation Logistics Support Plan Gray Book.

Note: An NSN listing for lockers can be found in Appendix D 'Spill Kit page'

HAZMAT UNIT BASIC LOAD (UBL) (Class III Packaged and Class IX Batteries)

POSSIBLE AREAS OF CONCERN

UBL stocks of HM are not permitted to be maintained at the unit level. PPOC program will maintain and manage all UBL stock of HM.

CHARACTERIZATION

The PPOC establishes a single point control and accountability over the requisitioning, receipt, distribution, storage and disposal of hazardous materials and wastes.

HANDLING PROCEDURES

Step 1 Notify the **PPOC Contingency/UBL** 30 days prior to deploying on scheduled training exercises, i.e. local FTX, JRTC, NTC, etc. At this time, you can request either digital or hard copy SDS's.

Step 2 Requesting unit signs for UBL stock and SDS's upon receipt.

Step 3 Unit maintains the UBL stock and support materials during deployment to ensure materials are stored out of adverse weather conditions and prevent accidental spills or releases to the environment.

Step 4 After deployment/recovery, contact the PPOC within 5 working days to coordinate turn-in of unused HM, and all documentation, including SDSs

NOTE Return of empty containers and contaminated materials are only applicable for local training exercises. Units must follow host installation disposal guidance when deploying away from Ft. Campbell.

NOTE: Department of Transportation (DOT) labels, placards and packaging assistance for fire extinguishers, stoves, gas cylinders, etc. is available at the PPOC.



UBL materials ready for deployment at the PPOC



HAZMAT being loaded for transport

GENERAL INFORMATION

REAL WORLD DEPLOYMENT: The PPOC will be notified through the Installation Emergency Operations Center (EOC). The priorities provided by Division HQ will be strictly adhered to in the preparation of stock for deploying units. All applicable local guidelines and regulations must be followed regarding storage, transportation, use and disposal. Unit movement officer must be aware of the UBL in order to plan for transportation and complete required paperwork for shipment. Contact **PPOC Team Leader**, refer to Chapter 5 of this book, or refer to Chapter 4 of the 101st ABN DIV (AASLT) & Fort Campbell Installation Logistics Support Plan Gray Book for additional guidance.

IMAGE INTENSIFIER TUBES

POSSIBLE AREAS OF CONCERN

Some Intensifier Tubes may contain lead and cadmium which is considered a hazardous substance.

CHARACTERIZATION

Absorbent materials contaminated with POL are considered non-hazardous waste. Any materials other than POL, MAY BE considered Hazardous Waste. (See Hazardous Substances A-51).

HANDLING PROCEDURES

Look the NSN up in FEDLOG, under the Identification section look at the DEMIL Code. Go to <https://tulsa.tacom.army.mil/demil/codefins.cfm> and look up the NSN again for the DEMIL instructions.

Please note: Absorbent bag is labeled

Note: I2 tubes should only be disposed of when the appropriate maintenance procedures determine that the tubes are beyond their useful life and are no longer covered by warranty. Also, second generation and third generation night vision device image intensifier tubes DO NOT CONTAIN RADIOACTIVE MATERIALS.

It has been decided that second and third generation I2 tubes which do not meet the required level of performance (as defined in the applicable end item system technical manual) must be demilitarized, in order to prevent pilferage/assembly by unauthorized persons. Second and third generation I2 tubes do require disposal as a hazardous solid waste; however, these materials are inert and will not present a safety hazard to personnel during the implementation of this demilitarization procedure. Note: These guidelines apply to second and third generation I2 tubes only; first generation I2 tubes are not discussed.

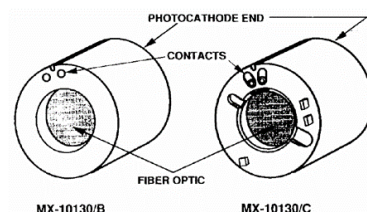


Figure 2

GENERAL INFORMATION

Turn the bag(s) containing the demilitarized tubes, along with the completed DRMS Form 1930 completed Demilitarization Certificate and a completed DD Form 1348-1a into your local DRMO/SSA. Contact **AFSBn/ISD** for additional information or assistance.

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 5134, 2 St. & Wickham Ave) 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

LEAD (-CONTAINING PAINT/SURFACE PREPARATION)

POSSIBLE AEAS OF CONCERN

Some amount of lead in paint is common across the installation. There may be increased health risks associated with not following the recommended handling procedures.

CHARACTERIZATION

Lead has been used in paint to enhance durability. When preparing the areas for resurfacing/repainting, worker procedures should be followed. Lead-based paint may only be removed by licensed, certified workers. Lead-containing paint in the workplace may be removed by anyone using special work practices.

HANDLING PROCEDURES

Step 1 Contact Environmental Division TSCA to determine applicability.

Step 2 Follow guidance provided by Environmental Division TSCA.

NOTE: Contact Environmental Division TSCA program for removal of large quantities of lead-containing paint material.



Lead is a serious health risk

GENERAL INFORMATION

For additional information contact Environmental Division TSCA.

MERCURY SPILLS

POSSIBLE AREAS OF CONCERN

Adverse human health effects can result from acute or chronic exposure to mercury. Mercury that is absorbed can accumulate in the brain and kidney and be excreted slowly from the body. Because mercury can accumulate in the kidneys, the kidneys are particularly sensitive to damage.

CHARACTERIZATION

Materials contaminated with Mercury are considered hazardous waste. Materials considered Hazardous Waste must be turned into the PPOC. (See Hazardous Substances A-51).

HANDLING PROCEDURES

ALWAYS CALL 911 for any Mercury Spill

What **NEVER** to Do After a Mercury Spill:

- Never use a vacuum cleaner to clean up mercury. The vacuum will put mercury into the air and increase exposure.
- Never use a broom to clean up mercury. It will break the mercury into smaller droplets and spread them.
- Never pour mercury down a drain. It may lodge in the plumbing and cause future problems during plumbing repairs. If discharged, it can cause pollution of the septic tank or sewage treatment plant.
- Never walk around if your shoes might be contaminated with mercury. Contaminated clothing can also spread mercury around.



NOTE: ALL MERCURY THERMOMETERS AND OLD THERMOSTAT SWITCHES SHOULD BE TURNED IN TO THE PPOC FOR PROPER DISPOSAL.

GENERAL INFORMATION

Keep contaminated with hazardous waste separate from POL-saturated absorbents. Call **PPOC HazWaste Pick Up**, they will provide guidance for proper disposal.

MOP WATER

POSSIBLE AREAS OF CONCERN

NONE

CHARACTERIZATION

Mop water is generated from routine housekeeping operations and may have contaminants that could harm the environment if not properly handled.

HANDLING PROCEDURES

Step 1 Routine mop water from building and floor cleaning should be discharged in an appropriate drain that goes to sanitary sewer, i.e., mop or utility sink.

Note: When mopping hanger or motor pool work areas, ensure there is no oil or residual fuel on the floors. This mop water can be discharged in an appropriate drain that goes to sanitary sewer, i.e., mop or utility sink.

Note: IF A HAZARDOUS SUBSTANCE IS SPILLED FOLLOW THE PROCEDURES ON A-51 OF THIS BOOK. DO NOT DUMP IT DOWN THE DRAIN



Do not discard mop water on ground.

GENERAL INFORMATION

For issues related to sewer discharges, contact wastewater contractor, **JACOBS**

MRE/FRH HEATERS

POSSIBLE AREAS OF CONCERN

Meals Ready-to-Eat (MRE), which contain Flameless Ration Heaters (FRHs), consist of a plastic bag containing a piece of fiberboard and powdered magnesium or magnesium alloys (a water-reactive chemical), along with other materials.

CHARACTERIZATION

EPA has determined that individual MREs containing FRHs are not reactive hazardous wastes and may be disposed of as non-hazardous solid waste. This finding applies to all FRHs packed with MREs issued or in stock.

HANDLING PROCEDURES

1. If units have cases of only MRE/FRH's or individual heaters, they may be turned in at the **Convenience Center**.
2. **No FRH's must not be placed in trash.**

NOTE: If accumulated in boxes please ensure the boxes are taped up. Ensure the actual amount of how many are in the box is written on the outside of box.



MRE Heaters

NOTE: FRH's can pose a tactical risk if the enemy gets access to them.

GENERAL INFORMATION

For additional information contact **Environmental Division Hazardous Waste**.

OIL (USED) / POL ACCUMULATION POINT

Establish/Operate/Close

POSSIBLE CONTAMINANTS OF CONCERN

POL accumulation points are used to accumulate recyclables (used oil, used antifreeze, and recyclable fuel. Refer to applicable environmental sheets for specific procedures.

CHARACTERIZATION

Recycling these items prevents environmental pollution and conserves valuable resources.

HANDLING PROCEDURES

- Step 1** Unit Commander or Activity Director selects a POL accumulation point operator and schedules Oil Handling Personnel training.
- Step 2** EQO submits POL site diagram and memorandum to the HW Program Manager to establish POL site.
- Step 3** HW Program Manager provides training on proper set up and operation of the POL site.
- Step 4** POL accumulation point operator oversees operation, conducts weekly inspections and maintains the POL site folder.
- Step 5** HW Program Manager conducts unannounced assessments documenting POL site deficiencies and corrective action.
- Step 6** EQO oversees site operation, reviews POL folder documentation and assessments, and enforces compliance.



SCU's must be purchased by the unit.

GENERAL INFORMATION

- If all vehicles and generators are deployed and there is no need to accumulate POL products, refer to “How to Close a Used Oil and/or Used Antifreeze Accumulation Point”, Chapter 7 in the front of this book.
- In a unit/activity moves from one building/location to another, close the POL accumulation point and submit a POL establishment memo and site diagram for the new location.
- Forms needed to open/close/move a POL Accumulation Point can be found in Appendix E of this handbook.
- For more information, contact Environmental Division Hazardous Waste.

OIL (USED)

USED OIL includes all the following items: Motor Oil, Diesel Fuel, Transmission Fluid, Brake Fluid, Hydraulic Fluid, Synthetic Oils, Heating Oil, Kerosene, & less than 55 gallons of F24/JP8

POSSIBLE AREAS OF CONCERN

Used Oil potentially contains traces of metals such as chromium, cadmium and lead. Used oil items have a flash point above 100 degrees F.

CHARACTERIZATION

Used petroleum-based and synthetic oils are non-hazardous industrial wastes and are collected on the installation for recycling.

HANDLING PROCEDURES

Step 1 A POL accumulation point is required for bulk quantities (drums or tanks) greater than or equal to 55 gallons. Contact **Environmental Division Hazardous Waste** to establish a POL accumulation point.

Step 2 Contact **PPOC Services** to obtain a 55-gallon metal drum and Secondary Containment Unit (SCU)

Step 3 Ensure drum(s), tank(s) and tank fill lines are marked "Used Oil."

Step 4 Place Used Oil in the drum. Keep drum and SCU closed except when adding or removing contents. Locking is not required but will ensure SCU remains closed.

Step 5 Contact **PPOC HazWaste Pick-Up/Used Oil** for pickup.

NOTE: SCU must be located in an area accessible by a large Pump truck for easy removal.

NOTE: **Do Not mix Used Oil with used antifreeze. If antifreeze is contaminated with Oil, contact PPOC Support to get additional guidance.**

NOTE: Drip pans/SCU with oil and water should not be poured in Used Oil container. See Drip Pan guidance (A-30) for disposal suggestions.

NOTE: Mark oil carts "Used Oil" and empty them daily. **DO NOT USE OIL CARTS FOR STORAGE.**



Used Oil SCU



Small quantities of Used Oil may be placed in your return locker in a "Used Oil" container for pickup

GENERAL INFORMATION

No solvents or other hazardous wastes can be mixed with Used Oil. If hazardous waste (brake cleaner, parts/weapons cleaner solvent) has been mixed with the oil, contact **PPOC Services**. Incidental amounts (less than 55 gallons) of fuels such as JP8/F24 and diesel may be combined with the Used Oil. For quantities greater than 55 gallons, see protocol sheet, "Fuel F24/JP8 Large Quantity," page A-43. **DO NOT** place MOGAS, AVGAS, or Coleman Fuel in the Used Oil container. These items must be transported in a government vehicle to the PPOC for disposal.

OIL/GREASE (COOKING)

POSSIBLE AREAS OF CONCERN

Grease or cooking oil cannot be poured into the sink/sanitary sewer/storm water drain or be disposed of as a free liquid. Dumping these items down the drain can clog sewer lines, causing sewage back-ups and flooding. Discharge of oil/grease to surface waters leads to reduced dissolved oxygen in those waters and harm to fish and other aquatic life.

CHARACTERIZATION

Oil and grease is generated during cooking operations.

HANDLING PROCEDURES

Garrison Operations/Commercial Food Service Activities

Step 1 Food service operations on Ft. Campbell dispose of cooking oil/grease in the containers provided by contractor at dining facilities and restaurants.

Step 2 Use caution when transferring oil/grease into containers. Secondary containment and spill cleanup materials should be available. Spills must be cleaned up immediately.

NOTE: Cooking oil/grease storage areas are routinely inspected by Environmental Division personnel. Contact the Environmental Division for more information on procedures.

Field Operations

Step 1 Return cooking oil to your dining facility or **Convenience Center** and pour into the cooking oil container. Do not pour on the ground. Clean up any spills and discard in the trash container.

NOTE: **DO NOT** pour grease into the sink/sanitary sewer or storm water drain.



Grease containers at a DFAC

GENERAL INFORMATION

If you live in housing, you may take cooking oil and grease to the **Convenience Center** or solidify your grease by soaking with newspaper or paper towels and place in the trash. Do not dispose of **free liquids** down the drain or in the general refuse container.

Local Household Hazardous Waste events will accept cooking oil for disposal.

For additional information, contact **Environmental Division Spill Response/Storage Tank Program, Storm Water Program, or Solid Waste/Recycling Program.**

OIL WATER SEPARATOR

POSSIBLE AREAS OF CONCERN

Illegal dumping of pollutants

CHARACTERIZATION

Oil Water Separators (OWS) serve as the primary pretreatment device for treating wash water prior to being discharged into the wastewater collection system.

HANDLING PROCEDURES

- Step 1** Wash racks may have drains that lead to oil water separator.
- Step 2** Mud and grit from these drains should be removed and discarded at the **PPOC Support** contaminated soil building.
- Step 3** Dumping of illegal pollutants down floor and wash rack drains is illegal.

NOTE: Vehicles **MUST NOT** be washed on Aircraft wash racks.

NOTE: Only use cleaners approved by **JACOBS** and provided by the PPOC when using unit wash racks.



Oil Water Separator at BLDG 7085

GENERAL INFORMATION

For additional information contact **JACOBS**. JACOBS has responsibility over oil water separators.

PAINT & PAINT-RELATED MATERIAL

Oil-based Paint and Stain; Latex (Water)-Based Paint and Stain

POSSIBLE AREAS OF CONCERN

Paints and paint-related material may contain chemicals that may be flammable. Refer to the SDS for specific hazards.

CHARACTERIZATION

Tarps, rollers, brushes, gloves and stir sticks that have dried may be placed in the trash.

HANDLING PROCEDURES

Step 1 Contact **PPOC HazWaste Pick Up** to schedule the paint turn-in appointment.

Step 2 PPOC will provide guidance for proper turn-in procedures.

Step 3 Unit may be responsible for transporting the paint to the PPOC at the scheduled time.

NOTE: Paint materials/brushes/rollers **must not be cleaned in unit/activity parts washers.**

NOTE: For disposal of paint stripper and thinner see Solvent Disposal. A-85

NOTE: If you choose to keep the paint, it must be stored in a climate-controlled area (avoid freezing and high temperatures).



Oil based paint and stain residue must be turned into the PPOC

GENERAL INFORMATION

All paint cans must be returned to the PPOC for proper disposal. Do not place them in the dumpsters. Oil-based paint and stain residue must be turned in to the PPOC for waste processing. If unsure of paint type turn into the PPOC for waste determination.

Wastewater from latex paint cleanup can be put into the sanitary sewer. **Do not put into storm drains or septic systems.** Where possible, reuse the wastewater by allowing solids to settle out and pouring off the water into another container. The latex solids can then be dried out and placed in refuse container.

For additional information contact **Environmental Division Hazardous Waste.**

PAPER & PAPER PRODUCT RECYCLING

POSSIBLE AREAS OF CONCERN

Paper and paper products contaminated with food or hazardous material residue cannot be recycled and should be disposed of in garbage containers. Paper items that are not recycled are laminated paper, carbon paper and non-plain fax paper.

CHARACTERIZATION

Fort Campbell's Installation Recycling Policy (see Appendix D) mandates all installation activities, units, tenants, contractors, and tenant organizations participate in the recycle programs. Sale of recycled paper supports the MWR programs and activities.

HANDLING PROCEDURES

Step 1 Place paper in blue 96-gallon mixed paper recycle container assigned to your building.

Step 2 Do not contaminate mixed paper recycle container with trash such as plastic food wrapping, aluminum cans, etc. (Contractor will not service contaminated container).

Step 3 Large quantities of paper that are in excess of the container may be taken to the **Convenience Center or call for an additional container.**

Step 4 Ensure that the blue 96-gallon container is outside of the building and visible on the scheduled pick-up day so the contractor can service the container.

NOTE: If unit/activity relocates, leave recycle and trash containers assigned to the building in place. If new location needs containers, see General Information (below).

NOTE: Cross-shredded paper should be bagged in clear plastic bags and placed in mixed paper recycle container.

NOTE: Cardboard must be broken down and placed in the nearest cardboard dumpster. **Do not** deposit cardboard in the garbage (trash) dumpster.

NOTE: **Small quantities** of cardboard may be placed in the blue 96-gallon mixed paper container if a large cardboard dumpster is not available nearby.



Recycling paper and cardboard on Fort Campbell is mandatory.

Cardboard should not be placed in mixed paper recycle container.

GENERAL INFORMATION

If desk side, blue recycle containers or other assistance is needed, contact **Environmental Division Solid Waste/Recycling. 270-798-9785**

For issues of dumpster service, contact **DPW Contract Management** Branch.

PARTS WASHERS/WEAPONS CLEANERS/SOLVENT TANK/DEGREASERS

POSSIBLE AREAS OF CONCERN

All personnel using these machines are to read and adhere to the SDS, warning labels, and information posted on parts washing equipment.

CHARACTERIZATION

Used parts washer/weapons cleaner solvent can contain heavy metals and other contaminants hazardous to the environment. This solvent is recycled to reduce the cost of procurement and the environmental impact of hazardous waste generated.

CONTAINER MANAGEMENT PROCEDURES

Step 1 Equipment or parts should be pre-cleaned before using parts washing equipment, i.e. removal of excess grease and dirt.

Step 2 Only parts/weapons are to be cleaned in these machines

Step 3 **Do Not Contaminate** parts washer solvent with other chemicals (e.g., paint, paint cleaning solvents, POL products, gasoline, etc.). This practice helps reduce the generation of hazardous waste and protecting the environment.

Step 4 Do not move parts washing equipment without contacting **PPOC Parts Washer Support**.

Step 5 Do not block access to the parts washer.

NOTE: Lids on all parts washers must be closed when not in use. A label should be on the parts washer indicating "Keep Closed." This label is available from **PPOC Parts Washer Support** if missing.

NOTE: Solvent used during deployment must not be placed in Installation parts washers. Contact **PPOC Parts Washer Support**.



Soldier using parts washer machine



Weapons Cleaner

GENERAL INFORMATION

If the parts washer solvent is contaminated and cannot be cleaned, the unit will have to replace the solvent at, approx. \$1150 per 55-gallon drum.

For additional information contact **PPOC Parts Washer Support**.

PESTICIDES, HERBICIDES, RODENTICIDES, FERTILIZERS

POSSIBLE AREAS OF CONCERN

These items are designed to kill various pests. You should comply with label guidelines and SDS for use. Be cautious when using non-American sources for Field Sanitation Team (FST)-related items and pesticides because they do not have to comply with manufacturing standards.

CHARACTERIZATION

Some pesticides and pesticide containers should be managed as **hazardous wastes**. Contact PPOC Hazardous Waste personnel for guidance.

CONTAINER MARKING AND HANDLING PROCEDURES

- Step 1** Maintain product marking, labeling and identification on containers and SDS.
- Step 2** Inventory items that have expired shelf lives or are no longer needed. Contact **PPOC Hazwaste Pick up.**
- Step 3** **Military Field Sanitation items not needed by the unit, but still serviceable, should be returned to PPOC Services for disposition.**



Pesticides, herbicides and rodenticides may be managed as hazardous waste.

GENERAL INFORMATION

Restricted use pesticides require trained and certified applicators and storage issues. Purchase of pesticides using Government Credit Card (GPC) is restricted only to certified applicator use. All pesticide usage must be recorded and submitted to **Installation Pest Management Coordinator.**

PLASTIC

POSSIBLE AREAS OF CONCERN

Plastic contaminated with food or hazardous materials residuals cannot be recycled and should be disposed of appropriately. Currently, only numbers 1 & 2 plastic bottles (soda bottles, juice, milk, water, detergent bottles) are collected for recycling. All other types of plastics should be disposed of in an appropriate garbage container.

CHARACTERIZATION

Plastic is considered solid waste. Fort Campbell's Installation Recycling Policy encourages all installation activities, units, tenants, contractors and tenant organizations to recycle all recyclable waste including plastic.

HANDLING PROCEDURES

- Step 1** Remove lids and follow posted Recycling Convenience Center rules for recycling bottles.
- Step 2** Rinse containers if not Hazmat containing.
- Step 3** Take items to the Convenience Center.



NOTE: Only #1 and #2 drinking bottles are recycled at the Convenience Center

Plastics may be recycled through the Recycling Convenience Center

GENERAL INFORMATION

For more information on recycling contact Environmental Division Solid Waste/Recycling.

PRESCRIPTION MEDICATIONS

POSSIBLE AREAS OF CONCERN

Expired medical products can be less effective or risky due to a change in chemical composition or a decrease in strength. Certain expired medications are at risk of bacterial growth and sub-potent antibiotics can fail to treat infections, leading to more serious illnesses and antibiotic resistance.

CHARACTERIZATION

Handling expired prescription medication responsibly is essential

HANDLING PROCEDURES

Non-Narcotic

- Contact the **IMSA** warehouse for guidance on turning in expired non-narcotic medicines (270) 798-8347
- **Medicines at unit level go back to where they were issued.**
- **Medicine must be sorted by material i.e. Pills, liquids tubes, etc. Controlled items must be sorted separately.**

Narcotics:

- **BACH Pharmacy: For proper guidance call (270)798-8479 or (270)798-8462**

Special Precautions for Narcotics

Due to their potential for abuse, extra caution is needed. When in doubt, consult a pharmacist or healthcare provider for specific disposal instructions

- **BACH pharmacy and Town Center have blue medication turn in boxes. No liquids or Sharps / Needles may be placed in these.**

GENERAL INFORMATION

For more information on RMW or Pharmaceutical disposal contact **BACH Environmental Services at (270) 798-8341 or Environmental Health at (270) 412-3979.**

PRINTER/TONER CARTRIDGES

POSSIBLE AREAS OF CONCERN

None

CHARACTERIZATION

These items should be recycled to reduce the quantity of waste placed in landfills and reduce quantities of new raw materials.

HANDLING PROCEDURES

Step 1 **Do Not** leave unwanted new or used toner/printer cartridges in original packaging. They must be removed from packaging for recycling purposes.

Step 2 Recycle any cardboard packaging in accordance with protocol sheet A-20.

Step 3 Take toner/printer cartridges to the **Convenience Center** located at the corner of Airborne St & A'Shau Valley Rd for recycling.



Toner/printer cartridges are recyclable

GENERAL INFORMATION

For additional information, contact **Environmental Division Solid Waste/Recycling**.
<https://home.army.mil/campbell/index.php/my-fort/all-services/recycling>

PURGING

POSSIBLE AREAS OF CONCERN

Fuel containers, tanker vehicles or trailer units may contain vapors or a residue that may be dangerous during turn-in, transport or maintenance.

CHARACTERIZATION

Tank and container purging may be required for maintenance, transportation and turn-in.

HANDLING PROCEDURES

- Step 1** Determine if purging of containers or vehicles, tanker vehicles or trailer units is required.
- Step 2** If purging is required, contact **JACOBS** to schedule purging appointment.
- Step 3** Follow guidelines provided by **JACOBS** staff. Ensure all personnel responsible for the purging process have required Personal Protective Equipment necessary to complete task.



Tanker Trailer

NOTE: Purging of fuel tankers, HEMTT tankers and fuel pods is prohibited on unit wash racks

NOTE: **JACOBS** does not issue a purge certificate. This is the responsibility of the unit to have a memorandum of record drafted and signed by the UMO or Commander stating that purging of the particular vehicle/equipment was accomplished IAW state and local regulations per CH2M Hill instructions.



HEMTT Tanker

GENERAL INFORMATION

For additional information on purging, contact **JACOBS**

For a sample purge memo please see Appendix E for a copy that you can print out.

RAGS

(Used POL-Contaminated Rags)

POSSIBLE AREAS OF CONCERN

Cloth rags saturated with POL or other materials may be flammable and/or toxic.

CHARACTERIZATION

Cloth rags contaminated with POL are considered **non-hazardous waste**.

CONTAINER MARKING AND HANDLING PROCEDURES

Step 1 **Post Laundry** is no longer performing laundering services for POL-Contaminated Rags.

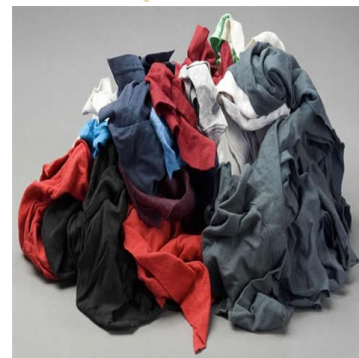
Step 2 POL-Contaminated Rags may be bagged and placed in or in front of the return locker (10 lbs. or less). Larger quantities must be delivered by the unit to the PPOC for disposal. Label the bag "Used POL Contaminated Rags".

NOTE: If POL-Contaminated Rags are **NOT DRIPPING with oil**, they may also be disposed of in the refuse dumpster. See page A-1 for additional guidance.

All grease contaminated materials must be bagged for disposal.

NOTE: Segregate rags or absorbent pads contaminated with other hazardous materials from POL rags. Label the bags.

NOTE: Bundles of rags can be purchased through the military supply system. **An NSN can be found in Appendix D in the Spill Kit NSN listing**



Rags may be
toxic/flammable
depending on the

GENERAL INFORMATION

For additional information contact **PPOC Services**.

**DEPLOYMENT and Rear Detachment INSTRUCTIONS FOR
HAZARDOUS WASTE & USED POL/ANTIFREEZE COMPLIANCE**
**Environmental Quality Officers (EQO's) are to be maintained by Unit Rear
Detachments, and continued compliance of all environmental issues is required.**

SATELLITE ACCUMULATION POINT PROCEDURES

1. Coordinate with the unit Environmental Quality Officer (EQO) to ensure regulatory compliance with hazardous waste requirements. If no EQO is appointed, contact Environmental Division Environmental Education Training Program (270-798-9769/9595).
2. **SAP Closure.** If all unit assets are deployed, close the Satellite Accumulation Point (SAP).
 - a. Submit a SAP closure memo signed by the Commander and EQO to the Environmental Division (270-798-9786/9773/9762) located at Bldg. 5134, 2nd St & Wickham Ave.
 - b. Turn in hazardous waste to the 90-Day Yard located at Bldg. 5132, 2nd St and Wickham Ave. Contact 270-798-9790 for a turn-in appointment.
 - c. Place a copy of the SAP closure memo on the outside of the CBRN (NBC) room door.
 - d. Keep the SAP Poster, 6-Part Folder, and the empty accumulation containers for use when the unit returns to Fort Campbell.
3. **If the SAP remains OPEN.** If the SAP is needed to manage waste generated by rear detachment personnel, keep the SAP open and ensure a SAP Operator is appointed and trained (270-798-9786/9773/9762). Comply with the requirements listed on the SAP Poster and ensure weekly SAP inspections are documented by the SAP Operator.

USED PETROLEUM, OILS & LUBRICANTS (POL)/USED ANTIFREEZE ACCUMULATION POINTS

1. Coordinate with the unit Environmental Quality Officer (EQO) to ensure regulatory compliance. If no EQO is appointed, contact Environmental Division Environmental Education Training Program (270-798-9769/9595/9786).
2. Commanders may authorize Reserve or National Guard units the use of the POL Accumulation Point in lieu of closure. Coordinate transfer of management of the POL point with Environmental Division Hazardous Waste (270-798-9786/9773/9762).
3. **POL Accumulation Point Closure.** If all vehicles and generators are deployed and there is no need to accumulate POL products, close the POL accumulation point.
 - a. Submit a POL Accumulation Point closure memo signed by the Commander and EQO to the Environmental Division (270-798-9786/9773/9762).
 - b. Call 918-264-1673 to have the Used Oil or 918-264-0822 for Used Antifreeze removed from the site.
4. Secure POL secondary containment units (SCU) until the unit returns to Fort Campbell or coordinate turn-in. Serviceable and Unserviceable SCUs - PPOC (270-798-9791/9790).
5. **If the POL Site remains OPEN.** If the POL Site is needed to manage POL generated by rear detachment, keep the site open. Comply with the requirements listed on the POL Accumulation Point Poster and ensure weekly inspections are documented.

ENVIRONMENTAL GUIDANCE HANDBOOK

This is an UNCONTROLLED DOCUMENT printed for reference only. The controlled document is on-line on the Fort Campbell Internet under Directorate of Public Works, Environmental Division.

<https://home.army.mil/campbell/index.php/about/Garrison/dpw/environmental/eqo-handbook>

RECYCLABLES

POSSIBLE AREAS OF CONCERN

Recyclable items, other than paper and paper products, cannot be placed in the blue recycle 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		X	X
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 (Non-Military)	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**.

REFRIGERATOR DISPOSAL (GOVERNMENT)

POSSIBLE AREAS OF CONCERN

Cooling equipment contains ozone-depleting chemicals that should not be released into the atmosphere. These items may include refrigerators, freezers, dehumidifiers, water coolers, window air conditioners, self-contained room heater/air conditioner units, juice dispensers, milk dispensers and other cooling devices.

CHARACTERIZATION

Barracks room refrigerators must be defrosted before they are repaired or turned in for disposal.

HANDLING PROCEDURES

- Step 1** Turn off the refrigerator and allow it to defrost.
- Step 2** Complete DA Form 2407 (Maintenance Request)
- Step 3** Turn in the refrigerator to AFSBN/IMD (Refrigerant Removal) located at building 5338, 9th and Tennessee Ave for evaluation or serviceability, IMD will label "EMPTY" and attach appropriate documentation.



- Step 4** Unit prepares 1348-1A for turn-in.
- Step 5** Notify the Army Barracks Management Program Manager for instructions pertaining to the de-gas and turn in of ABMP refrigerators.
- POC Bldg.# 6460, Tel # 270-956-1012**
270-839-5652

Refrigerators can contain some refrigerants that are ozone depleting gas and must be disposed of properly

- NOTE: DO NOT** try to defrost the freezer by using sharp/piercing tools. If you have punctured the freezer coils, a Report of Survey or a statement of damage is required at turn in.
- NOTE:** Use caution when moving or conducting maintenance on refrigerant equipment to avoid damage to the cooling unit.



GENERAL INFORMATION

For more information, contact PPOC Services.

REFRIGERATOR DISPOSAL (NON-GOVERNMENT)

POSSIBLE AREAS OF CONCERN

Cooling equipment contains ozone-depleting chemicals that should not be released into the atmosphere. These items may include refrigerators, freezers, dehumidifiers, water coolers, window air conditioners, self-contained room heater/air conditioner units, juice dispensers, milk dispensers and other cooling devices. **Appliances must not be discarded in dumpsters.**

CHARACTERIZATION

This characterization of refrigerators which were purchased by the unit or a resident of on post housing and are **NOT** a property book item. These items should be recycled to reduce the quantity of waste placed in landfills and reduce the quantities of new raw materials needed in manufacturing.

HANDLING PROCEDURES

Step 1 Turn off the refrigerator and allow it to defrost.

Step 2 Refrigerators may be discarded at the **PPOC Building 5209. NON GGOVERNMENT ONLY!**

NOTE: **DO NOT** try to defrost the freezer by using sharp/piercing tools. This is an intentional release and is against the law.

NOTE: No furniture/appliances from off-post shall be brought on post for disposal. It is a violation of Federal Law. Off post personal may take their furniture/appliances to the Montgomery County Landfill. (931)648-5751

NOTE: Use caution when moving or conducting Maintenance on refrigerant equipment to avoid damage to the cooling unit.



Refrigerators can contain some refrigerants that are ozone depleting gas and must be disposed of properly

GENERAL INFORMATION

For more information contact **PPOC Services.**

REGULATED MEDICAL WASTE (RMW)

POSSIBLE AREAS OF CONCERN

Regulated medical waste (RMW) may pose a health risk if not handled properly.

CHARACTERIZATION

RMW consists of several different classes that may include blood and blood products, culture stocks, vaccines, and other items. These items may be generated during FTX's, medical training, i.e., combat life saver, EMT or combat medic. For more detailed description see MEDCOM Reg. 40-35, Management of Regulated Medical Waste (RMW) or TG 177, A Commander's Guide to RMW Management.

HANDLING PROCEDURES

- Step 1** Determine if items may be RMW.
- Step 2** If materials in small quantities meet the RMW guidelines, take to your supporting Battalion Aid Station (BAS) for proper disposal.
- Step 3** For disposal of RMW (e.g. red bags or Sharps containers) contact **BACH Environmental Services Bldg. 650 Basement Level ((270) 798-8341)** for a disposal appointment. Ensure the following measures are followed:
1. Red bags must be securely tied and labeled with unit, contents, and date.
 2. Sharps containers must have the lid locked down and be taped closed. **Container must be labeled with unit and date on top.**
 3. Must transport to BACH in military vehicle.
 4. All deliveries must be accepted and logged by BACH personnel



NOTE: Expired pharmaceuticals or other related medical supplies should be disposed of through Brigade Medical Supply. They must not be placed in trash.

GENERAL INFORMATION

Medical training exercises may use moulage (medical makeup) to create realism. Used medical supplies that have not contacted human blood/tissue are not RMW. When disposing of moulage materials, liquids should be discarded in sanitary sewer (sink drain) and other used training aids should be placed in dark plastic bags for disposal in the trash. Sharps used for simulation only (no blood/tissue contact) should additionally be placed inside cardboard boxes prior to disposal. Regular trash disposed in RMW containers is unacceptable.

For more information on RMW or Pharmaceutical disposal contact **BACH Environmental Services at (270) 798-8341 or Environmental Health at (270) 412-3979.**

SATELLITE ACCUMULATION POINT (SAP)

Establish/Operate/Close

POSSIBLE CONTAMINANTS OF CONCERN

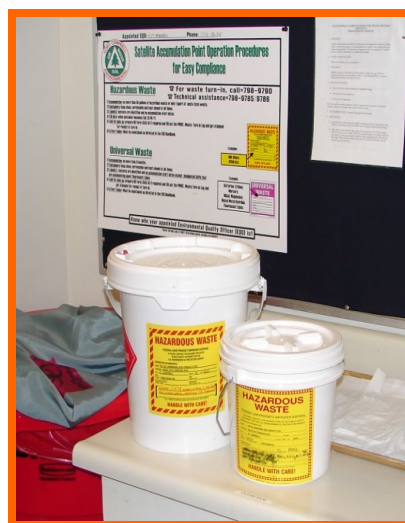
Satellite Accumulation Points (SAP) are used to accumulate hazardous waste (e.g. CBRNE/NBC wastes, MOGAS fuel filters). Refer to applicable environmental sheets for specific procedures.

CHARACTERIZATION

Unusable or discarded materials turned into the SAP may be hazardous waste. Coordinate with the Hazardous Waste Program Manager to determine waste characteristics.

HANDLING PROCEDURES

- Step 1** Unit Commander or Activity Director selects SAP Operator(s) and schedules training through **Environmental Division Hazardous Waste**.
- Step 2** EQO submits a site diagram and SAP memorandum to the HW Program Manager to establish the site.
- Step 3** HW Program Manager provides training on proper set up and operation of the SAP.
- Step 4** SAP operator oversees daily operations, conducts weekly inspections and maintains documentation (Six Part Folder).
- Step 5** HW Program Manager conducts unannounced assessments documenting SAP deficiencies and corrective action.
- Step 6** EQO oversees site operation, reviews Six Part Folder documentation and assessments, and enforces compliance.



SAP containers, SAP Poster and Six Part Folder may be obtained through coordination with **Environmental Division**

GENERAL INFORMATION

- If all unit assets are deployed and hazardous waste is no longer being accumulated, close the Satellite Accumulation Point (SAP), refer to “How to Close a SAP”, Chapter 6 of the Table of Contents.
- If a unit/activity moves from one building/location to another, close the SAP and submit a new SAP establishment memo and site diagram for the new location. Forms needed to open/close/move a SAP can be printed from the Fort Campbell Environmental Hazardous Waste web link
<https://home.army.mil/campbell/index.php/about/Garrison/dpw/environmental/eqo-handbook>

- For more information, contact **Environmental Division Hazardous Waste**.

SCRAP METAL

POSSIBLE AREAS OF CONCERN

All scrap metal is ok to take to the Convenience Center as long as it's not a property book item and not recoverable.

CHARACTERIZATION

Scrap metal is considered a solid waste. Fort Campbell's Installation Recycling Policy requires all installation activities, units, tenants and tenant organizations to recycle all recyclable waste, including scrap metal.

HANDLING PROCEDURES

Step 1 Segregate into types of metal (aluminum, copper, brass, light gauge steel, and heavy gauge steel).

Step 2 Take to supporting unit SSA or contact Convenience Center to determine requirements for turn in.

NOTE: Take small amounts of unpainted/non-sensitive metal to the Convenience Center.

NOTE: non-government scrap metal can be taken to the Convenience Center.

NOTE: Items containing refrigerant must have refrigerant removed before scrapping. Also insure items are not on the property book.



Scrap Metal

GENERAL INFORMATION

For more information on recycling contact Environmental Division Solid Waste/Recycling.

SECONDARY CONTAINMENT UNITS (SCU)/ FLAMMABLE STORAGE LOCKERS

How to Turn-In

POSSIBLE AREAS OF CONCERN

Secondary Containment Units (SCUs) are used to accumulate POL related recyclables (oil, antifreeze and fuel). Refer to applicable environmental protocol sheets.

NOTE: Secondary containment is required for containers at or greater than 10 gallons' volume.

CHARACTERIZATION

SCUs/Flam Lockers may be accountable property book items. Turn-in of these items must be coordinated through the unit/activity hand receipt holder or property book officer. For serviceable non-property book SCUs/Flam Lockers turn in to the PPOC for reutilization.

CONTAINER MARKING AND HANDLING PROCEDURES

Step 1 Check the unit/activity property book to see if SCU/Flam Locker is on the property book.

Step 2 If serviceable and on the unit property book, complete a DA Form 3161 to transfer SCU/Flame Locker to Environmental Division/PPOC.

Step 3 If the SCU/ Flame Locker is serviceable and not on the property book it may be cleaned out and turned into PPOC with no paperwork required.

Step 4 If the SCU/Flam Locker is unserviceable, take to supporting unit **SSA** or the Convenience Center as scrape metal.



SCU



Flam Locker

GENERAL INFORMATION

Units are responsible to purchase and replace the SCU at their cost. You can check with the PPOC to see if we have any available for you for free issue.

SECONDARY CONTAINMENT UNIT (SCU)

How to Procure

POSSIBLE AREAS OF CONCERN

Secondary Containment Units (SCUs) are used to accumulate POL related recyclables (oil, antifreeze and fuel). Refer to applicable environmental protocol sheets.

CHARACTERIZATION

The secondary containment system “must have sufficient capacity to contain **at least 10% of the total volume of the primary containers or 100% of the volume of the largest container, whichever is greater.**” 40 CFR 264.175 b3

HANDLING PROCEDURES

- Step 1** Unit Commander or Activity Director selects a POL accumulation point operator.
- Step 2** POL site operator submits a site diagram and a memorandum (signed by the commander and EQO) to the HW Program Manager to establish POL site. The POL accumulation point operator conducts weekly inspections and maintains site documentation. (Chapter 7 in Table of Contents)
- Step 3** HW Program Manager/Contractor Support will provide training on proper set up of the POL site.
- Step 4** SCU will be hand receipted to the unit or activity, if available. If non-property book SCUs are available, they will be issued to the unit with no paperwork required. **If a used SCU is unavailable, it is the units’ responsibility to procure one and the PPOC can assist with ordering information.**



SCUs must be purchased by the unit.

GENERAL INFORMATION

Units are encouraged to laterally transfer used property book SCUs within their organization on a DA Form 3161 and transfer excess non-property book SCUs in good condition to the Environmental Division/PPOC for reutilization.

Do not deploy with your SCU. Secure your SCU during deployment or contact the Environmental Division/PPOC for turn in (non-property book) while deployed.

For more information, contact **Environmental Division Hazardous Waste.**

SOLVENT DISPOSAL

Acetone, Toluene, Xylene, Mineral Spirits, MEK and Related Thinners and Cleaners

POSSIBLE AREAS OF CONCERN

Solvent and solvent-related materials may contain chemicals that may be flammable. Refer to the SDS for specific hazards.

CHARACTERIZATION

Solvents are often used in maintenance operations for parts cleaning, surface preparation, as well as paint stripping and removal. Solvents may possess hazardous physical, health and environmental characteristics that prohibit disposal in a landfill. Do not place waste from these products in refuse container.

HANDLING PROCEDURES

Step 1 Solvents used for routine maintenance should be placed in a properly marked/labeled container to identify contents and placed in HM Return Locker when discarded.

Step 2 If a HM Return locker is not available, residue should be returned to PPOC.

NOTE: Acetone and related solvents **MUST NOT** be disposed in the sanitary sewer, storm drains, parts washers or weapons cleaners.

NOTE: Rags, wiping materials and other items used for cleaning operations with these solvents should be bagged, labeled and placed in the HM Return Lockers.



Acetone, thinners and other solvents may be flammable. Check label.

GENERAL INFORMATION

For additional information contact the **PPOC Services**.

SPILL KIT REQUIREMENTS

POSSIBLE AREAS OF CONCERN

Spills from hazardous materials may cause more problems if not properly cleaned and disposed.

CHARACTERIZATION

Some absorbent materials may become hazardous waste when used. Confirm with Env Div. Spill Team for non-POL materials that are contaminated.

HANDLING PROCEDURES

Fuel Carrying Vehicles

- HEMTT
 - 1 – 30-GAL spill kit per 1 vehicle
 - Located on vehicle
 - 1 – 55-GAL spill kit per 3 vehicles
 - Located on ground
- 5K Tanker
 - 1 – 30-GAL spill kit per 1 vehicle
 - Located on vehicle
 - 1 – 55-GAL spill kit per 3 vehicles
 - Located on ground
- Tank and Pump Units
 - 1 – 30-GAL spill kit per 1 vehicle
 - Located on vehicle
 - 1 – 55-GAL spill kit per 1 field exercise location
 - Located on ground
- **Any portable storage tank as described in the SPCC plan shall be equipped with a spill kit,**

POL Sites

- Motor Pool
 - 3 – 30-GAL spill kit per 1 building
 - Spaced between operation locations / bay doors
 - 1 – 55-GAL spill kit per 1 building
 - Located by HAZMAT locker / central location
- Hangar
 - 1 – 30-GAL spill kit per 1 hangar
 - Located by HAZMAT locker / central location
 - 4 – 55-GAL spill kit per 1 hangar
 - Spaced between operation locations / bay doors
- Flight Line
 - 1 – 30-GAL spill kit per 3 aircraft
 - Located on ground
- Bulk Fueling
 - 1 – 55-GAL spill kit per 1 off-loading rack
 - Located on ground
- AFFES/Troop Mall/ Shopette
 - 2 – 30-GAL spill kit per 1 building
 - Located by fueling transfer operations

GENERAL INFORMATION

Spill materials for cleanup and to restock spill kits must be purchased with unit funds. **White Pads:** Absorbs hydrocarbons/POL only; will not pick up water. **Pink Pads:** Neutralizes Acids and Bases and other corrosive materials. **Gray Pads:** Absorbs all fluids, hydrocarbons, aggressive chemicals (i.e., POL, Acids, Bases, and Pesticides). **Note: Spill Kits should be inspected monthly and inventoried every 6 months.**

Spill Materials List is in Appendix D

TIRES

POSSIBLE AREAS OF CONCERN

Tires are not permitted in landfills.

CHARACTERIZATION

Tires may be recycled and used for many purposes.

HANDLING PROCEDURES

Step 1 Unit/military tires are considered Class 9 repair parts. Ensure that tires are properly accounted for by maintenance personnel before disposal.

Step 2 Take to supporting unit **SSA** to determine requirements for turn in.

NOTE: The **Convenience Center** will accept POV/personal tires that have been removed from the metal wheel/rim. Tires from off-post cannot be taken to the Recycling Convenience Center. On-post **Auto Craft** shops may be used to dismount tires from wheels.



Tires are recyclable

GENERAL INFORMATION

For additional information contact **Environmental Division Solid Waste/Recycling.**

TRASH (FIELD)

POSSIBLE AREAS OF CONCERN

Field trash may be contaminated with ammo, POL, medical waste, recyclables, wood, pallets and other items that may pose hazards.

CHARACTERIZATION

The Recycling Convenience Center is the designated location for disposal of field trash to avoid filling the unit trash containers and allow for disposal/recycling of all field training materials.

HANDLING PROCEDURES

Step 1 Take all field trash to the **Convenience Center** and place items in appropriate containers as directed by staff person.

NOTE: For disposal of other items, refer to the appropriate protocol sheet.

Remove all unused MRE heaters from field trash and turn into the Convenience Center separately.

NOTE: Government/military activities do not contract/use credit cards for trash containers at field training sites on the installation. Contact **Environmental Division Solid Waste/Recycling** for special disposal needs.



Recycling Convenience Center



Choose appropriate container for your materials

GENERAL INFORMATION

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

UNMARKED/UNLABELED CONTAINERS

POSSIBLE AREAS OF CONCERN

Unmarked/Unlabeled containers and chemicals can pose a great risk to people and the environment.

CHARACTERIZATION

Chemical identification/determination must be made for proper disposal. Testing of unknowns is very expensive. Every effort should be made to maintain container labels and identification of materials/chemicals to comply with laws and regulations.

HANDLING PROCEDURES

- Step 1** Make every attempt to identify possible contents.
- Step 2** Hazardous materials/chemical containers must be marked or labeled to identify the containers content.
- Step 3** If unable to identify the material/chemical, contact **Environmental Division Hazardous Waste.**

NOTE: When transferring materials from the original container make sure you label the secondary containers contents. This is an OSHA requirement.



Unlabeled containers pose a threat to people and the environment

GENERAL INFORMATION

Testing for unknowns is awfully expensive. Please always make every effort to keep containers marked/labeled and identified. For additional information contact **Environmental Division Hazardous Waste.**

WASH RACKS

POSSIBLE CONTAMINANTS OF CONCERN

Illegal dumping of pollutants into wash rack drains.

CHARACTERIZATION

Central vehicle wash racks should be used to remove heavy dirt and mud from vehicles. Fuel, oil and detergents may cause significant environmental harm if they are allowed to enter the wash rack drainage system.

HANDLING PROCEDURES

Step 1 Use the **Central Vehicle Wash Rack** to remove heavy dirt and mud.

Step 2 There are no operational unit wash racks.

NOTE: No purging of tankers or HEMTT tankers shall be performed on unit wash racks.

No fuel transfers shall be performed on any wash racks.

No defueling shall take place on any wash racks (contact **PPOC Used Oil Pump Truck** for defueling).

No oil changing of any vehicles or equipment shall take place on any wash racks.

No vehicle washing shall take place on aircraft wash racks.

No detergents are allowed on the Central Vehicle Wash Rack



Central vehicle wash rack

GENERAL INFORMATION

For additional information about wash racks contact **JACOBS (931)431-5677**

AGRICULTURAL WASHING

POSSIBLE CONTAMINANTS OF CONCERN

Spilling chemical pollutants into storm drains, inlets, ditches, and channels.

CHARACTERIZATION

Units are required to decontaminate military vehicles in preparation for shipping. A fine mist comprising of a 1 – 3% solution of chemical is applied as a thin layer to protect against contamination of environmental particulates before vehicles are loaded onto transportation conveyances for shipment overseas.

HANDLING PROCEDURES

Step 1 Apply a misting layer of the AGRO WASH Solution of 1 – 3% to tactical vehicles for decontamination.

Step 2 Mist is left to dry on the tactical vehicles.

NOTE: For best application of misting decontamination solution, tactical vehicles must be free of dirt and debris.

- Units can wash additional dirt and debris from exterior surfaces of vehicle with cold high powered water spray.

USE OF ANY DETERGENTS TO WASH TACTICAL VEHICLE IS PROHIBITED IN THE TEMF.

These actions should take place at a centrally located car wash station with oil/water separators with available clearance to pull into the bays.

NOTE: No vehicle washing shall take place on aircraft wash racks.

- Units shall set up a closed water cycle to include secondary containment and grey water system as to not allow any discharge to local sewers.
- Any free liquids from the spray application released to ground shall be classified as a spill and units should have a spill cleanup plan to address immediately.
- Units shall be aware of any storm drains nearby for cleanup efforts, since flow is not treated and dumps directly to nearby surface waters and groundwater.
- Any used spill cleanup material shall be disposed at the Pollution Prevention Operation Center (PPOC). SEE map located on back cover, “Environmental Locations of Interest”, location 9.

GENERAL INFORMATION

For additional information about Agricultural Washing contact DPW Environmental
270-798-9858

WATER RELEASE (FIELD)

POSSIBLE AREAS OF CONCERN

Chlorine Residual more than 3 PPM and other chemicals that are added/used during field water operations may have an impact on the environment. Use, storage and transportation of bulk treatment chemicals can create a hazard to individuals and the environment.

CHARACTERIZATION

Any water field mission must be approved by Environmental Division Storm Water. These missions may include, Reverse Osmosis Water Purification Unit (ROWPU), Tactical Water Purifications Systems (TWPS), Lightweight Water Purification (LWP) System, Chemical Decontamination, Laundry & Bath, and Field Food Service.

HANDLING PROCEDURES

- Step 1** At least ten (10) working days prior to the start of any water field mission/exercise, contact **Environmental Division Storm Water** for guidance.
- Step 2** Units will be briefed and provided the FIELD OPERATION WATER RELEASE FORM. This form must be maintained at the exercise site.
- Step 3** Completed Field Operation Water Release form must be returned to the Environmental Division.



NOTE: Chlorine residual greater than 3 PPM TWPS/LWP element backwash water, field food service dishwater, decon water, and other contaminated wastewaters must be containerized and transported for disposal. Contact the **Environmental Division Storm Water Program** 270-798-9639/9588 for assistance. Contact **Jacobs** for disposal. Coordination must be made to transport the water to the sanitary dump station located on Market Garden Road near Glider Road for disposal.



Water/Onion Bags

Chlorine residual less than 3 PPM water may be released to the environment by spraying the water onto ground covered with vegetation, at least 200 yards away from any creeks/streams of Tennessee or Kentucky. Water must not be discharged back into the original water sources.

NOTE: Tents and camo netting may be washed on grassed areas away from storm drains.



GENERAL INFORMATION

For additional guidance and information regarding water discharges contact the **Environmental Division Storm Water**.

WOOD/PALLETS

POSSIBLE AREAS OF CONCERN

Wood Pallets placed in the dumpsters

CHARACTERIZATION

Wood is considered a solid waste. Fort Campbell's Installation Recycling Policy encourages all installation activities, units, tenants, contractors, and tenant organizations to recycle all recyclable waste including wood.

HANDLING PROCEDURES

Step 1 Segregate into types of wood (reusable pallets, broken pallets, tree limbs/branches and scrap wood).

Step 2 Take broken pallets, tree limbs/branches, and scrap wood to the **Convenience Center**. The attendant will designate which items should be placed in certain containers.

Step 3 Take good pallets to **Convenience Center** or supporting SSA.



NOTE: Wood and Pallets must not be placed in dumpsters.

NOTE: Plastic pallets may be taken to the **Convenience Center** for turn in.

NOTE: All pallets received from the ASP need to be returned to the ASP for reuse.



GENERAL INFORMATION

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

YARD WASTE

POSSIBLE AREAS OF CONCERN

Yard waste contaminated with food, plastic, glass, or anything inorganic cannot be recycled and should be disposed of in an appropriate garbage container.

CHARACTERIZATION

Yard waste can be used to make mulch. Fort Campbell's Installation Recycling Policy encourages all installation activities, units, tenants, and tenant organizations to recycle all recyclable waste including yard waste. Yard waste includes grass clippings, small branches and leaves.

HANDLING PROCEDURES

Step 1 Take yard waste to the Convenience Center.

Note: No yard waste (leaves, grass clippings, limbs, etc.) in garbage cans or dumpsters.



Within the housing area bagged leaves may be placed by the curb during the fall for pickup.

GENERAL INFORMATION

Campbell Crossing, LLC has leaf collection every fall. For more information, contact Campbell Crossing.

Fort Campbell may have leaf collection in the cantonment area every fall. Units are asked to place bagged leaves next to the curb. For more information on leaf collection in the cantonment area, contact Contract Management. Do not place leaves in the street.

For more information on recycling, contact Environmental Division Solid Waste/Recycle.

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Appendix B

Acronyms

ENVIRONMENTAL GUIDANCE HANDBOOK

This is an UNCONTROLLED DOCUMENT printed for reference only. The controlled document is online on the Fort Campbell Internet under Directorate of Public Works, Environmental Division.

<https://home.army.mil/campbell/index.php/about/Garrison/dpw/environmental/eqo-handbook>

APPENDIX B: Acronyms

AAFES	Army Air Force Exchange Service
ACM	Asbestos Containing Material
APC	Account Processing Code
AR	Army Regulation
ASD	Accumulation Start Date
AUL	Authorized Use List
AVIM	Aviation Intermediate Maintenance
BACH	Blanchfield Army Community Hospital
BCC	Birds of Conservation Concern
BLADDER	Fuel Bladder –collapsible drum
BMO	Battalion Maintenance Officer
BMP	Best Management Practice
BONF	Building Occupant Notification Form
C&D	Construction & Demolition Landfill
CARC	Chemical Agent Resistant Coating
CBRNE	Chemical Biological Radiological Nuclear Explosive
CFR	Code of Federal Regulations
CID	Command Investigation Division
CID	Commercial Item Description
CID	Criminal Investigation Command
CIP	Command Inspection Program
CL	Class (of supply)
COE	Corps of Engineers
COR	Contracting Officer Representative
CRM	Cultural Resource Manager
CRP	Cultural Resources
CWA	Clean Water Act
CX	Categorical Exclusion
DA PAM	Department of the Army Pamphlet
DFAC	Dining Facility
DLA	Defense Logistics Agency Disposition Services-Campbell (formerly DRMO)
DLA DSR	Defense Logistics Agency Disposal Service Representative
DOCS	Drive On Containment System
DoD	Department of Defense
DODACC	Department of Defense Activity Account Code

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DOS	Days of Supply
DOT	Department of Transportation
DPTMS	Department of Plans, Training, Mobilization and Security
DPW	Directorate of Public Works
DRMO	See DLA
DSN	Defense Switch Network
DZ	Drop Zone
EA	Environmental Assessment
EESOH-MIS	Enterprise Environmental Safety & Occupational Health- Management Information System
EIS	Environmental Impact Assessment
EMS	Environmental Management System
EPA	Environmental Protection Agency
EPAS	Environmental Performance Assessment System
EPCRA	Emergency Planning and Community Right-to-Know Act
EPS	Environmental Protocol Sheet
EQO	Environmental Quality Officer
ESA	Endangered Species act
ESMC	Endangered Species Management Component
FC	Fort Campbell
FCFH	Ft. Campbell Family Housing
FEDLOG	Federal Logistics Data System
FMT	Facility Maintenance Technician
FOUO	For Official Use Only
FRH	Flameless Ration Heaters
FST	Field Sanitation Team
FTCKY	Fort Campbell Kentucky
FWS	Fish and Wildlife Service
GCSS	Global Combat Support System
GPC	Government Purchase Card
HAZCOM	Hazardous Communication (29 CFR 1910.1200)
HAZMAT	Hazardous Materials
HAZWOPER	Hazardous Waste Operations and Emergency Response (29 CFR 1910.120)
HEMTT	Heavy Expanded Mobility Tactical Truck
HM	Hazardous Materials
HMCC	Hazardous Material Control Center
HMIRS	Hazardous Materials Information Resource System
HSMS	Hazardous Substance Management System
HSWA	Hazardous and Solid Waste Amendments

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HW	Hazardous Waste
IAW	In Accordance With
IMCOM	Installation Management Command
INRMP	Integrated Natural Resources Management Plan
ITAM	Integrated Training Area Management
JRTC	Joint Readiness Training Center
LBP	Lead Based Paint
LOI	Letter of Instruction
LQG	Large Quantity Generator
LWP	Lightweight Water Purification (System)
MBMS	Migratory Bird Management Strategy
MBTA	Migratory Bird Treaty Act
MIL STD	Military Standard
MOGAS	Motor Vehicle Gasoline
MRE	Meals Ready to Eat
MSDS	Material Safety Data Sheet(s)
NA	North American
NBC	Nuclear, Biological and Chemical
NCOPD	Non-commissioned Officer Professional Development
NEPA	National Environmental Policy Act
NFPA	National Fire Protection Association
NHIS	National Health Information Strategy
NICAD	Nickel Cadmium
NOV	Notice of Violation
NPDES	National Pollutant Discharge Elimination System
NSN	National Stock Number
ODC	Ozone Depleting Chemical
ODS	Ozone Depleting Substance
OHP	Oil Handling Personnel
OIC	Officer-in-charge
OMA	Operations and Maintenance, Army
OSHA	Occupational Safety and Health Administration
OWS	Oil-Water Separator
PCBs	Polychlorinated Biphenyls
PLL	Prescribed Load List
POL	Petroleum, Oil, and Lubricants
POV	Personally /privately Owned Vehicle
PPE	Personal Protective Equipment
PPOC	Pollution Prevention Operations Center

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QRP	Qualified Recycle Program
QSL	Quality Status Listing
RCRA	Resource Conservation and Recovery Act
REC	Record of Environmental Consideration
RMW	Regulated Medical Waste
ROWPU	Reverse Osmosis Water Purification Unit
SAP	Satellite Accumulation Point
SAR	Species at Risk
SCU	Secondary Containment Unit
SDS	Safety Data Sheet (s)
SLAB	Sealed Lead Acid Battery
SOP	Standard Operating Procedure
SPCC	Spill Prevention, Control, and Countermeasure (Plan)
SPRNP	Spill Prevention Response and Notification Procedure
SSA	Supply Support Activity
SWMU	Solid Waste Management Unit
TSCA	Toxic Substance Control Act
TSDF	Treatment, Storage, and Disposal Facility
TWPS	Tactical Water Purification System
UBL	Unit Basic Load
UN	United Nations
USFWS	United States Fish and Wildlife Service
UW	Universal Waste
UXO	Unexploded Ordnance
WNS	White-nose Syndrome

Appendix C

Environmental CIP Checklist

TRAINING AND EVALUATION OUTLINE (T&EO) (The proponent of this form is the IG)		FUNCTIONAL AREA Environmental	REVISION DATE 28 August 2020	PAGE 2 OF 6 PAGES
PROONENT: DPW ENV DIV, P2 Branch	TELEPHONE NUMBER 270-798-9771/9767	UNIT INSPECTED		DATE INSPECTED
T&EO OUTLINE ENVIRONMENTAL MANAGEMENT PROGRAM		SUSTAIN/ IMPROVE	INSPECTOR'S COMMENTS	

<p>(4) The Return Locker is in compliance.</p> <p>(a) Contaminated/used/empty materials are properly identified and marked.</p> <p>(b) Contaminated materials are properly segregated.</p> <p>(c) Contaminated materials container lids closed and secure.</p> <p>(5) Unit/activity has a HAZCOM/Right to Know Program in place (CAM Reg 385-6, 29 CFR 1910.1200). (Command Safety Office requirement)</p> <p>(6) The activity maintains a hazardous material inventory. Should/may include materials in addition to those issued by the PPOC.</p> <p>c. The commander/director has established a program for Communications Batteries.</p> <p>(1) Battery program established within Battalion or Company Commo shop, for all batteries except vehicle lead acid.</p> <p>(2) Container for batteries is labeled "used batteries."</p> <p>(3) All batteries (minus vehicle batteries) are being returned to the used battery point.</p> <p>d. The commander/director has a hazardous waste program which provides for use, storage, and ultimate turn-in of hazardous wastes. (AR 200-1, Chapter 5; CAM Reg 200-1, Para 10h)</p> <p>(1) Containers are marked/labeled with Hazardous Waste or Universal Waste, and the contents of container.</p> <p>(2) A satellite accumulation point is established, by approval letter with Environmental Division, for waste NBC items, filters, skin decon kits, chemical agent test kits, etc.</p> <p>(a) No more than 55 gallons or one quart of acute toxic waste is stored at the Satellite Accumulation Point (SAP) for each process.</p> <p>(b) Containers are dated and moved to the PPOC within 72 hours of container being full.</p> <p>(c) Containers are compatible, in good condition, free of leaks, rust, dents and closed except when adding or</p>		
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TRAINING AND EVALUATION OUTLINE (T&EO) (The proponent of this form is the IG)		FUNCTIONAL AREA Environmental	REVISION DATE 28 August 2020	PAGE 3 OF 6 PAGES
PROONENT: DPW ENV DIV, P2 Branch	TELEPHONE NUMBER 270-798-9771/9767	UNIT INSPECTED		DATE INSPECTED
T&EO OUTLINE ENVIRONMENTAL MANAGEMENT PROGRAM		SUSTAIN/ IMPROVE	INSPECTOR'S COMMENTS	

<p>removing waste.</p> <p>(3) Waste is accumulated at or near the point of generation and under the control of the operator generating the waste.</p> <p>(4) If a secondary containment unit (SCU) is used, the SCU is properly labeled.</p> <p>(5) The unit maintains a six-part folder</p> <p>(a) Weekly inspections are present.</p> <p>(b) DD Forms 1348-1 (Turn-in Document) maintained and/or waste turn-in logs maintained.</p> <p>e. The commander/director has a Used Petroleum, Oil and Lubricant (POL) storage program which provides for use, storage, and ultimate turn-in of used oil. (AR 200-1, Chapter 3; CAM Reg 200-1, Para 10e).</p> <p>(1) Containers are in good condition, free of leaks, rust and dents and closed except when adding or removing used oil.</p> <p>(2) Containers and SCUs are properly labeled as "Used Oil", "Recyclable Fuel" or "Used Antifreeze" and secured when not in use.</p> <p>(3) Used oil, diesel fuel, JP-8, hydraulic fluid, brake fluid, transmission fluid, and kerosene are segregated from antifreeze and recycled fuel.</p> <p>(4) The used POL storage site is located where it is accessible to remove used POL by pump vehicle.</p> <p>(5) "NO SMOKING WITHIN 50 FEET" signs posted, as required by Fire Department.</p> <p>f. The commander/director has established procedures and provides resources to prevent POL and hazardous substance spills and to ensure prompt and adequate reporting, containment, and clean-up when a spill occurs. (AR 200-1, Chapter 3; Cam Reg 200-1, Para 10o).</p> <p>(1) Unit has a Site-Specific Spill Prevention and Contingency Plan (SSSPCP) on hand</p> <p>(2) People are trained annually, and records maintained</p> <p>(3) Spill response and safety equipment is available and maintained to respond to a spill</p>		
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TRAINING AND EVALUATION OUTLINE (T&EO) (The proponent of this form is the IG)		FUNCTIONAL AREA Environmental	REVISION DATE 28 August 2020	PAGE 4 OF 6 PAGES
PROONENT: DPW ENV DIV, P2 Branch	TELEPHONE NUMBER 270-798-9771/9767	UNIT INSPECTED		DATE INSPECTED
T&EO OUTLINE ENVIRONMENTAL MANAGEMENT PROGRAM		SUSTAIN/ IMPROVE	INSPECTOR'S COMMENTS	

<p>(4) Spill response equipment is available for POL or fuel carrying vehicles and wreckers.</p> <p>(5) Drip pans and containers/secondary containment units (SCU's) are maintained properly. No evidence of spills on the ground.</p> <p>(6) Spill prevention, response and notification procedure signs are clearly posted in work areas</p> <p>g. The commander/director has established asbestos/lead-based paint policies. (AR 200-1, Chapter 8; CAM Reg 200-1, Para 10b and 10i).</p> <p>(1) Unit is aware of asbestos containing materials/lead-based paint and ways are in place to prevent release of any asbestos materials.</p> <p>h. The commander/director monitors proposed actions for environmental impacts and ensures appropriate documentation is prepared. (AR 200-2, Para 1-4[j][5]; CAM Reg 200-1, Para 10d). Requires that all proposed projects and actions be systematically examined for possible or probable environmental consequences of implementing a proposed action.</p> <p>(1) Unit has a procedure in place for integrating the National Environmental Policy Act (NEPA) process into all project planning at the earliest possible time.</p> <p>i. The commander/director has established programs in waste management and recycling which limit solid waste production. (AR 200-1, Chapter 5; CAM Reg 200-1, Para 10n)</p> <p>(1) Dumpster plugs are in place.</p> <p>(2) Lids closed to keep out vectors and rain.</p> <p>(3) Recyclable materials are properly segregated from solid waste</p> <p>(4) Field trash is taken to the Convenience Center.</p> <p>(5) Recycle containers are available to recycle paper/aluminum cans, and not contaminated with refuse.</p> <p>(6) Broken wood pallets and broken boards are turned in to the Convenience Center. Good pallets go to DRMO</p> <p>(7) The dumpster is being used for solid wastes (i.e., no liquids, hazardous material staining, paper, cardboard, etc.).</p>		
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TRAINING AND EVALUATION OUTLINE (T&EO) (The proponent of this form is the IG)		FUNCTIONAL AREA Environmental	REVISION DATE 28 August 2020	PAGE 5 OF 6 PAGES
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<p>(8) The cardboard compactors/dumpsters are easily accessible and used for cardboard only.</p> <p>j. The commander/director has procedures for the protection of cultural resources when encountered. (AR 200-4; CAM Reg 200-1, Para 10c)</p> <p>(1) Unit has access to a copy of the "No-Dig" sites provided on CD ROM by Range Division (798-5742)</p> <p>(2) Unit is aware of what procedures need to be followed to ensure that archaeological sites are not damaged by mechanically assisted training activities (Dig permit).</p> <p>(3) Unit knows what procedures should be followed if archaeological artifacts or human skeletal remains are inadvertently found during excavation.</p> <p>k. The commander/director has procedures in place to ensure protection of Water Resources. (AR 200-1, Chapter 2; CAM Reg 200-1)</p> <p>(1) Stormwater:</p> <p>(a) A Stormwater Pollution Prevention Plan (SWPPP) is on site or available as may be required by DPW Environmental.</p> <p>(b) Annual Stormwater Pollution Prevention Training (SWPP) has been provided to unit personnel</p> <p>(c) Baseline Best Management practices have been implemented according to the SWPPP.</p> <p>(2) Wash rack and Oil/Water Separators:</p> <p>(a) Is dirt and grit removed from the accessible (unit maintained) areas of the oil water separator</p> <p>FOR REVERSE OSMOSIS WATER PURIFICATION UNIT (ROWPU) IF APPLICABLE</p> <p>(3) Does the unit know where ROWPU training is authorized?</p> <p>(4) If there is a question regarding ROWPU training, does the unit know who to contact to obtain information and/or authorization for water purification training?</p> <p>l. The commander/director has procedures to comply with operator requirements for underground/aboveground storage tanks. (AR 200-1, Chapter 4, Para 4-5; CAM Reg</p>		
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TRAINING AND EVALUATION OUTLINE (T&EO) (The proponent of this form is the IG)		FUNCTIONAL AREA Environmental	REVISION DATE 28 August 2020	PAGE 6 OF 6 PAGES
PROONENT: DPW ENV DIV, P2 Branch	TELEPHONE NUMBER 270-798-9771/9767	UNIT INSPECTED		DATE INSPECTED
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<p>200-1, Para 10p)</p> <p>(1) Underground Storage Tank (UST):</p> <p>(a) Fill pipes are labeled properly with correct contents</p> <p>(b) UST permit is posted</p> <p>(c) Environmental Division has been made aware of any changes in the status of the UST system</p> <p>(d) Environmental monitoring console (EMC) is not alarming</p> <p>(2) Aboveground Storage Tank (AST)</p> <p>(a) AST is double walled or using other secondary containment measures.</p> <p>(b) Secondary containment is clean and free from water and debris.</p> <p>(c) AST system is free of damage, corrosion and free of any evidence of leaks (stained soil, etc.)</p> <p>(d) Environmental Division has been made aware of any changes in the status of the AST system.</p> <p>m. The commander/director has procedures to comply with AR 200-1 Chap 4; CAM Reg 200-1, Para 10a</p> <p>(1) Unit/activity owns or controls a spray booth</p> <p>(2) Unit/activity conducts work on equipment containing refrigerant (facility, vehicle, appliances, etc)</p> <p>(3) Unit/activity owns or controls a woodworking shop If "yes" to any of the above, call 798-9603 to ensure compliance</p> <p>(4) Unit/activity utilizes a parts washer/weapons cleaner, the lid is closed when not in use, and a label is present stating the lid should be closed when not in use.</p> <p>(5) Unit/activity knows how to properly dispose of classified documents</p>	
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Appendix D

Cam Reg 200-1

Cam Reg 200-3

PII Users Guide

FC Form 200 Hazardous Materials Sign Out Log

Sample EQO Memo

Installation Environmental Policy

Safe Information Sheet

Spill Kit NSN List

DEPARTMENT OF THE ARMY
FORT CAMPBELL INSTALLATION
2700 Indiana Avenue
Fort Campbell, Kentucky 42223-5656
1 November 2013

Environmental Quality
Installation Environmental Strategy Plan

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Appendix

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Glossary

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1. Purpose

This regulation covers environmental protection and enhancement at Fort Campbell, Kentucky. It will assist Commanders and directors in implementing an environmental strategy.

2. References

Required and related publications are listed in appendix A.

3. Explanation of Abbreviations

Abbreviations used in this regulation are explained in the glossary.

4. Responsibilities

Commanders and directors are responsible for implementing and maintaining the Army environmental strategy. Brigade EQOs should confer with the Unit Safety Manager for assistance as required. Brigade level EQOs will:

- a. Manage the environmental program within their brigade.
- b. Ensure EQOs are assigned, trained and tracked at battalion level and below.
- c. Be properly trained (within 4 months) to manage their environmental program (see para. 9).
- d. Attend environmental meetings, as determined by the Environmental Division.
- e. Represent their activity during audits and inspections.
- f. Pass information on to subordinate units/EQOs.

This regulation supersedes CAM Regulation 200-1 dated 1 August 2010

CAM Reg 200-1 • 1 November 2013

5. General

This environmental strategy plan is in support of the overall Army and Installation Management Command (IMCOM) goals outlined in AR 200-1, 32 CFR Part 651, 40 CFR – Protection of Environment. This regulation supports the States of Kentucky and Tennessee environmental regulations.

6. Organizational Structure

The Fort Campbell Environmental Quality Officer (EQO) program will be structured according to this paragraph. Commanders/directors will assign EQOs to assist in their environmental responsibilities, and ensure they are trained (see para. 9). Contractors should assign and train EQOs in accordance with the terms of their contract. These EQOs will be:

- a. Appointed on written orders and provide copies of the certifications of the Brigade level, Directorate, and Tenants to the Environmental Division.
- b. A commissioned officer at brigade level (primary and alternate).
- c. A commissioned officer/warrant officer/senior NCO, or equivalent, at battalion level.
- d. In the rank of staff sergeant, or higher, at company level.

7. Environmental Quality Control Committee

In accordance with AR 200-1, Fort Campbell has established an Environmental Quality Control Committee (EQCC). The EQCC will meet quarterly and is chaired by the Garrison Commander. Committee members include all major unit commanders, separate battalion commanders, and activity directors.

8. Environmental Quality Control Program

This program is divided into several distinct processes, including:

- a. The Environmental Quality Control Committee.
- b. Installation Environmental Management System (EMS)
- c. Written Management Plans for each program, including goals, objectives, and major actions.
- d. Annual review of significant environmental aspect, goals and objectives.
- e. Environmental Terrain Walks with Unit Commanders.
- f. Updates with the Garrison Commander.
- g. Environmental meetings with all EQOs.

9. Environmental Quality Officer training

EQOs will attend a formal comprehensive classroom training course within four months after appointment as EQO. This training course is specific to Fort Campbell's environmental program. The EQO course is taught bi-monthly. See CAM Circular 351-1 for class dates or contact the Environmental Division. Rear Detachment Commanders will assign and train EQOs to handle environmental issues during deployments.

10. Environmental handbook

The Directorate of Public Works (DPW) Environmental Division provides a handbook designed to guide the establishment of environmental programs. This handbook is available on CD and on the Fort Campbell Website at <http://www.campbell.army.mil/campbell/directorates/DPW/envdiv/Pages/default.aspx> . This handbook is consistent with Federal, State (Kentucky and Tennessee), Army, and installation policies.

11. Management Plans

The DPW Environmental Division develops and maintains Environmental Management Plans that establish responsibility and criteria to conduct specific environmental programs.

12. Sustainable Installation Management System (SIMS)

SIMS is the installation's environmental management system designed to integrate environmental concerns and issues into Fort Campbell's management processes. The system addresses organizational structure, planning, responsibilities, practices, procedures, processes, and resources for developing, implementing, achieving, reviewing, documenting and maintaining this environmental policy. The policy applies to all organizations on Fort Campbell. More information on the Fort Campbell SIMS is found at <http://www.campbell.army.mil/campbell/directorates/DPW/envdiv/Pages/default.aspx> .

13. Environmental Programs

Fort Campbell Environmental Programs are described below. For more details refer to the Environmental Handbook or contact the appropriate program manager.

a. Air Quality/Air Pollution Abatement. There are various air pollution sources at Fort Campbell which must be permitted for construction and operations. These sources include boilers, paint booths, and incinerators. Other major sources of air pollution are military equipment and vehicles.

b. Installation Asbestos Management. For guidance to identify asbestos materials, handling, and to contact the appropriate offices for assistance, refer to the Asbestos Management Plan.

c. Cultural Resources. Significant cultural resources are protected by Federal law. Removal of artifacts from the installation is prohibited. Report the location of any item suspected of having archaeological or historical significance to the DPW Environmental Division.

d. National Environmental Policy Act. All Army actions require analysis to determine impact upon the environment. The Environmental Handbook provides guidance to assist the EQO in determining what Army actions require written environmental documentation.

e. Environmental Noise. The Environmental Noise Management Plan describes the Fort Campbell noise policy. Units most affected by environmental noise are aviation and field artillery. Copies of the Noise Management Plan are available from the program manager.

f. Environmental Restoration. The Installation Restoration Program (IRP) provides management for the identification, investigation and cleanup of areas contaminated during past activities at this installation. This program also manages and provides guidance for the Solid Waste Management Units (SWMUs) and Areas of Contamination (AOCs). The Environmental Protection Agency (EPA) has granted the Commonwealth of Kentucky the authority to oversee restoration activities in Kentucky. In the state of Tennessee, the Tennessee Dept. of Environment and Conservation has issued a Corrective Action Permit (TNHW-130) to address the SWMUs and AOCs in Tennessee.

g. Hazardous/Toxic Materials Management. The Pollution Prevention Operations Center (PPOC) provides management, guidance, and instructions relating to procurement, receipt, storage, handling, use, transport, and inventory reporting requirements of Hazardous/Toxic Materials.

h. Hazardous Waste Management. The Hazardous Waste program manager provides guidance on hazardous waste determinations, labeling and disposal requirements for hazardous waste and materials. EQOs must coordinate all hazardous waste matters with the program manager to ensure full compliance with state and federal laws.

i. Installation Lead-based Paint Management. For guidance to identify lead based paint handling, and to contact the appropriate offices for assistance, refer to the Lead-based Paint Management Plan.

j. Natural Resources. Policy, procedures and responsibilities for the conservation, management, and restoration of land and the natural resources thereon are consistent with the military mission. For additional guidance, refer to the Integrated Natural Resources Management Plan (INRMP).

k. Pesticides and Integrated Pest Management. Integrated Pest Management (IPM) is a comprehensive approach to the prevention, elimination, or control of pests. For current guidance and instructions, refer to the IPM Plan.

l. Pollution Prevention. There are four methods of Pollution prevention: (1) source reduction, (2) recycling, (3) reuse, (4) environmentally sound disposal. Specific methods are described in detail, with related guidance and instructions in the Pollution Prevention Plan.

m. Radon Reduction. Currently, there are no Federal regulations relating to radon in the home or work place; however, the Department of Defense requires testing for radon. For testing and mitigation procedures, refer to the Installation Radon Management Plan.

n. Solid Waste Management/Recycling. For guidance and procedures relating to all non-hazardous wastes, refer to the Integrated Solid Waste Management Plan and the Recycling Management Plan.

o. Spill Planning and Response. The Fort Campbell Fire Department is the first responder for emergency response for spills. Designated personnel in the DPW Environmental Division have been trained and equipped to respond to spills. In the event of a spill immediately implement the Incident Command System (ICS). If using an on-post telephone, dial 911. For all other situations, refer to the installation Integrated Spill Contingency Plan maintained at the Environmental Division.

p. POL Storage Tank Management. The DPW Environmental Division is responsible for POL storage tanks regulatory compliance. For guidance and instructions, refer to the Tank Management Plan maintained at the Environmental Division or consult the Environmental Program Manager.

q. Threatened and Endangered Species Management. The Endangered Species Act protects fish, wildlife, and plants that have been determined to be threatened or endangered. For guidance and instructions refer to the Endangered Species Management Component (ESMC).

r. Water Management. The Environmental Division maintains programs to protect water resources on the installation to include groundwater and surface waters. The programs include Storm Water Pollution Prevention Plans, Ground Water Protection Plan, Well Head Protection Plan, and Class V Injection Well Management Plan. The environmental programs in place ensure compliance with the Safe Drinking Water and Clean Water Acts.

Fort Campbell operates two "municipal separate storm sewer systems" ("MS4's") as defined in Clean Water Act regulations (40 CFR 122.26). The storm-water regulations and MS4 permits require the installation to develop, implement and enforce a storm water management program designed to reduce the discharge of pollutants from its MS4 to the maximum extent practicable to protect water quality. The program must implement control measures, including illicit discharges (dumping), construction site storm-water runoff control, and post-construction storm-water management in new development and redevelopment. Installation staff, tenants, activities, contracting offices, and contractors must comply with all the requirements outlined in the Fort Campbell Stormwater Management Plan. Compliance with all storm-water permit requirements is mandatory and failure to comply with these requirements may result in enforcement actions. Fort Campbell will enforce storm-water management requirements through inspections, construction oversight, and project planning. Fort Campbell Stormwater Program staff has the authority to conduct inspections of site activities as needed to ensure compliance with Clean Water Act permits. Contracting agencies will enforce this regulation by including compliance with the regulation, including ability to enact or carryout enforcement actions, in the contract documents. Dumping of POL products, paint, concrete wash water, and other pollutants into the storm sewer system, including drains and ditches, is prohibited on Fort Campbell.

s. Environmental Performance Assessment System (EPAS). The Installation uses the EPAS program to attain, sustain, and monitor compliance with Federal, State, and local environmental laws and regulations, as well as DoD and Army compliance and performance requirements. EPAS plays a vital role in a proactive approach for environmental compliance and management auditing. Installations undergo both external and internal EPAS assessments utilizing The Environmental Assessment and Management (TEAM) Guide with appropriate Army and state supplements. For external assessments, the U.S. Army Environmental Command (USAEC) conducts risk-based scheduling to assess installations with greater environmental risk more frequently, while maintaining an assessment standard for installations with less environmental risk. External assessments are typically conducted every three to four years. Internal assessments are performed by onsite installation staff and are conducted in accordance with the Environmental Operating Procedure for Internal EPAS Audits. Findings resulting from both external and internal assessments are included in the EPAS Installation Corrective Action Plan (ICAP) and progress is tracked until completion of the appropriate corrective action.

t. Agriculture Outlease. A reimbursable program used for shaping Army landscapes to improve the capability to achieve mission readiness and enhance biodiversity. An approved dig request must be obtained from Range Division before any mechanical digging occurs.

14. Environmental Training

The Environmental Training office is available to conduct environmental training, OPDs, NCODPs, safety stand down days, etc.

15. Environmental Help Line

For issues not covered in this regulation, contact the Environmental Help Line at 798-9634.

16. Proponent

The proponent of this regulation is the Directorate of Public Works (IMCB-PWE).

MARK R. STAMMER
Brigadier General, USA
Commanding

Official:

A handwritten signature in black ink, appearing to read 'J. Yaeger', is written over the printed name and title of Jeffrey W. Yaeger.

JEFFREY W. YAEGER
Director, Mission Support Element

DISTRIBUTION:
INTRANET

Appendix A References

Section I

Required Publications

32 CFR Part 65

Environmental Analysis of Army Actions

Clean Water Act

40 CFR 122.26

AR 200-1

Environmental Protection and Enhancement

Section II

Related Publications

Environmental 101

Fort Campbell Environmental Handbook

Environmental Management Plans

Glossary
Abbreviations and Terms

AST

Above Ground Storage Tank

DPW

Directorate of Public Works

EPA

Environmental Protection Agency

EPAS

Environmental Quality Control Committee

ESMC

Endangered Species Management Component

EQCC

Environmental Quality Control Committee

EQO

Environmental Quality Officer

FORSCOM

Force Command

ICAP

Installation Corrective Action Plan

ICS

Incident Command System

INRMP

Integrated Natural Resource Management Plan

IRP

Installation Restoration Program

NCO

Non-Commissioned Officer

PPOC

Pollution Prevention Operation Center

SIMS

Sustainable Installation Management System

TEAM

Environmental Assessment and Management System

USAEC

United States Army Environmental Command

UST

Underground Storage Tank

DEPARTMENT OF THE ARMY
FORT CAMPBELL INSTALLATION
2700 Indiana Avenue
Fort Campbell, Kentucky 42223-5656
3 April 2017

Environmental Quality
Fort Campbell Recycling Program

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Appendix A

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Glossary

1. Purpose

This regulation prescribes policies, assigns responsibility and establishes procedures for protection of the environment and preservation of natural resources through solid waste management and recycling.

2. References

Required and related publications are listed in Appendix A.

3. Explanation of Abbreviations

Abbreviations used in this regulation are explained in the Glossary.

4. Applicability

This regulation applies to all Installation civilian employees, contractors, military personnel and their family members, military units and activities assigned, attached, conducting training, operating or residing within the boundaries of Fort Campbell KY, tenants, contractor activities and leases located within the limits of the Fort Campbell military reservation and members of Family Housing. Participation in the Fort Campbell Recycling Program and adherence to this regulation is a requirement and not an option. It is mandatory for all organizations over which the Installation commander has command and control to comply with this regulation.

This is a New Regulation

- a. Tenants are required to participate.
- b. Contractors are required to participate when stated in their contract and encouraged to participate when not stated.
- c. All other persons, including visitors and occupants of government owned housing are encouraged to participate.

5. Responsibilities

a. The Garrison Commander will:

(1) Establish a Qualified Recycle Program Committee to plan, execute, and monitor a Qualified Recycle Program (QRP). The Fort Campbell Qualified Recycle program will operate IAW guidance set forth by the Qualified Recycling Program Handbook, Nov 2010, page 4-1.

(2) The QRP Oversight Committee Chaired by the Garrison Commander will be comprised of voting and non-voting members chosen by the Chair from the following units/activities (IAW QRP Handbook):

(a) Voting Members

- (1) Deputy Garrison Commander
- (2) Garrison Command Sergeant Major
- (3) Directorate Public Works (DPW)
- (4) Directorate of Emergency Services (DES)
- (5) Directorate, Family, Morale Welfare and Recreation (DFMWR)
- (6) Directorate Plans, Training, Mobilization and security (DPTMS)
- (7) Logistics Readiness Center (LRC)
- (8) Division G3
- (9) Division G4

(10) Garrison Resource Management Office (GRMO)

(11) Installation Safety Office (ISO)

(12) Medical Department Activity (MEDDAC)

(b) Non-Voting Members

- (1) Qualified Recycle Program (QRP)
- (2) Pollution Prevention Center Operations (PPOC)
- (3) Campbell Crossing LLC (CCLLC)
- (4) Internal Review and Audit Compliance (IRAC)
- (5) Mission Installation and Contracting Command (MICC)
- (6) Network Enterprise Center (NEC)
- (7) Plans, Analysis and Integration Office (PAIO)
- (8) Office of the Staff Judge Advocate (OSJA)

b. The QRP oversight Committee will:

(1) Monitor the QRP Fund account monies generated through the sale of eligible Recyclable items on the Installation. Project funding requests involving QRP monies meeting the legal requirements set forth by Title 10 USC section 2577 will be presented to, discussed and voted on by the Committee each quarter. The Committee Chair has the final decision in all matters QRP related.

c. Commanders/ Directors at all levels will:

(1) Be responsible for ensuring that those within the scope of their authority are compliant in the diversion of all recyclable and reusable materials from the waste stream to the maximum practical extent.

(2) Be responsible for implementing and maintaining the Army environmental strategy of: Sustain the Mission – Secure the Future. (This establishes a long-range vision that enables the Army to meet its mission today and into the future. Sustainability is the foundation for this Strategy and a paradigm that focuses our thinking to address both present and future needs

while strengthening community partnerships that improve our ability to organize, equip, train, and deploy our Soldiers as part of the joint force).

(3) Appoint the unit/organization EQO or other representative to perform additional duty as the Recycle Coordinator (RC). The purpose of the RC is to monitor, advise and assist in their recycling responsibilities and ensure they are trained. See (7) d.(1) thru (4) below for specific guidance.

(4) Ensure the appointed RCs or EQO's have the authority and means to ensure compliance with this regulation and the organizations' Recycling Policy or Standard Operating Procedure (SOP). Assign a commissioned officer at brigade level, commissioned officer/warrant officer or senior NCO at battalion and a SSG or higher at the company level.

(5) This appointment shall be on written orders and copies of these orders provided to the DPW Environmental Division QRP Manager.

(6) The RC must attend the Installation EQO course for training and instruction on current recycling

procedures outlined in Cam Reg 200-1. Contact the Pollution Prevention Operation Center (PPOC) Environmental Education Program Manager (Tel. 270-798-9771) for EQO course training dates and reservations.

(7) Avoid any lapse within their Recycling programs, by selecting a replacement when their appointed Recycle Coordinator(s) are within 120 days of Transfer/PCS/ETS/Retirement.

d. Organization Recycle Coordinators (RC) will :

(1) Provide to the QRP manager a memorandum from their commander, director indicating their appointment. This memorandum will include: name, rank, office symbol, e-mail address, unit, physical address and telephone number of the RC.

(2) Provide an accountability inventory of all outside recycling and trash containers within the scope of their organization on Fort Campbell. This inventory data is to include types of containers, amounts and building numbers.

(3) Develop and implement a Recycling Policy or Standard Operating Procedure (SOP) for their respective organizations that incorporates procedures necessary to maximize recycling and waste reduction.

(4) Perform periodic inspections of their organizations recycle and trash containers to insure compliance with this Regulation.

e. The Qualified Recycle Program (QRP) Manager will, IAW the Qualified Recycling Program Handbook 2010 and DODI 4715.23 2016:

(1) Oversee the Installation Qualified Recycle Program operations.

(2) Perform (in conjunction with the Installation's Solid Waste and Waste Minimization Manager(s) as the Installation experts and command advisors for recycling and waste disposal on Fort Campbell.

(3) Monitor the sale of all QRP eligible materials from the installation.

(4) Maintain a Fund Cite account (21F3875) through the Garrison Resource Management Office (GRMO) for the deposit and accounting of all funds generated through the sale of QRP eligible materials on Fort Campbell Ky.

(5) Solicit across the Installation for eligible projects that may be funded with recycling revenues IAW Title 10 USC 2577.

(6) Assist in the implementation of recycling programs within each military unit, directorate contractor and/or Installation facility.

(7) Maintain a current listing of all RC's on Fort Campbell to include their areas of responsibility and assigned recycle and trash containers.

(8) Randomly assess the recycling programs across the Installation for compliance and efficiency.

(9) Utilize QRP operational funds to purchase and distribute office and facility recycling collection containers (i.e. desk side 5 gallon size and indoor central collection bins.) across the Installation (outside paper and cardboard collection containers are provided by the Installation Solid Waste Collection contractor)

(10) Explore and encourage new and innovative methods of recycling

f. Mission Installation and Contracting Command (MICC) will:

(1) When applicable, ensure the recycling requirements of this Regulation are included as appropriate provisions of contracts entered into with commercial entities.

(2) Provide copies of this regulation to all contractors operating thru their office performing work and or services on the Installation.

(3) Ensure that affirmative procurement policies are up-to-date and reflect new requirements found in Executive Order 13693 (instruction for implementing Executive Order 13693, section VII) and federal acquisition regulations (FAR).

(4) Ensure that all personnel involved in the procurement process are aware of current affirmative procurement policies and the laws that require affirmative procurement.

(5) Ensure all contracts are in compliance with the EPA's comprehensive procurement guidelines.

(6) Contractors who are obligated to provide their own trash and recycle service are not exempt in any way from recycling any and all recyclable materials within their scope of work. Contractors not performing "in-house recycling" by contract terms will be authorized use of the Fort Campbell Recycling Convenience Center for the duration of their contract for recycling purposes only. Contractors authorized "in-house recycling" by contract terms will report all recycling that is not processed through the QRP or The Fort Campbell Recycling Convenience Center by type and weight on a monthly basis to the Installation Solid Waste Manager.

g. Installation tenant activities such as the Army, Air Force Exchange Service (AAFES) and the Defense Commissary Agency (DeCA) may operate their own recycling programs outside of the Fort Campbell QRP. An in-house recycling program would not exempt either of these entities from adhering to mandatory recycling set forth in this regulation.

(1) AAFES and DECA will:

(a) When applicable, ensure the recycling requirements of this Regulation are included as appropriate provisions of contracts entered into with commercial entities

(b) Provide copies of this regulation to their vendors and contractors operating on the Installation and ensure their compliance to it.

(c) Report all recycling by type and weight on a monthly basis to the Installation Solid Waste Manager that is not currently processed through the Installation Solid Waste Collection contractor or the QRP.

h. Family Housing residents will place all eligible recyclable materials in their assigned co-mingle recycling containers provided by the Campbell Crossing/LLC solid waste collection contractor. Further instruction for recycling within the boundaries of the privatized contractor operated housing areas can be obtained at the Campbell Crossing/LLC office. Family Housing members may only dispose of their waste in the assigned waste cart for their quarters, or at the Fort Campbell Convenience and Recycling Center at Bldg. 6802.

i. Installation Solid Waste Manager will :

(1) Provide a current schedule to the RC/EQO's informing them of the service days for containers under their responsibility.

6. Objectives

a. The Installation Integrated Solid Waste Management Plan is in support of Army Regulation (AR) for Solid Waste Management AR 200-1 and Facilities Engineering Utility Services AR 420-49. The Army solid waste policy is based on the concept of Integrated Solid Waste Management (ISWM). ISWM is effective management of the solid waste stream through source reduction, re-use, recycling, composting, incineration, other volume reductions, or landfill disposal.

b. Recycling reduces the amount of material sent to the landfills, To include the Fort Campbell Construction and Demolition (C&D) site as well as other local regional/municipal landfills taking in all other Non-hazardous Solid Waste from Fort Campbell). This results in reduced C&D landfill operational costs, a reduction of tipping fees paid to the local regional/municipal landfills and generates funds through the sale of recyclable materials.

c. Fort Campbell is committed to reaching Department of the Army (DA) solid waste reduction goals. DA has established a goal to divert from the landfill 50% of the Non-Hazardous/Municipal Solid Waste generated and a goal to divert from the landfill 60% of the Construction and Demolition (C&D) Solid Waste generated. These diversion goals are set to increase from years 2020-2030. The ultimate long range goal is Net Zero Solid Waste for all Army Installations by calendar year 2030. A Net Zero Solid Waste Installation is an Installation that reduces, reuses, re-purposes, recycles and recovers waste streams, converting them to resource values with zero landfill input. This recycling regulation reflects Fort Campbell's commitment to reaching those goals.

d. Revenues generated by the sale of eligible recyclable materials fund the Fort Campbell Qualified Recycling Program in accordance with (IAW) Title 10 United States Code (USC) section 2577 (Disposal of Recyclable Materials) and Department of Defense Instructions (DODI) 4715.23 Integrated Recycling and Solid Waste Management (QRP Procedures), paragraph 4.1.a.

e. Solid Waste and Hazardous Waste management policies on Fort Campbell (of which Fort Campbell is classified as an Industrial Site) are governed by the Title 40, Code of Federal Regulations (CFR) Subchapter I, parts 260-279, This regulation supports the states of Kentucky and Tennessee Environmental Regulations as well as Tennessee Codes Annotated (TCA) 68-211 Sections 102 -117. The Assimilative Crimes Act allows enforcement of Kentucky Revised Statutes Section 512.070 (Criminal Littering) and TCA 39, Section 14, part 5 (Criminal Offenses Against Property, Litter Control), thus making it a criminal offense to bring litter, (garbage, refuse, rubbish, and any other waste material) onto Fort Campbell for disposal. Penalties for such action may result in a fine and or public service, or both. Violations of these laws increase costs incurred by Fort Campbell for Solid Waste Disposal and environmental clean-up. Waste Diversion and Net Zero goals set for the Installation by the Department of the Army (DA) are additionally impacted by littering on Fort Campbell.

7. Identification of eligible Recyclable materials

The Fort Campbell Environmental Handbook 2015 (7th edition) includes recycling/waste management instructions. These instruction sheets are known as Environmental Protocol Sheets (EPS). Providing detailed instructions on the recycling/waste management process for items commonly generated at Fort Campbell. The EPS are broken down by what materials are acceptable, which facility accepts them, location map, hours of operation, points of contact and phone numbers. The handbook is located at:

http://www.campbell.army.mil/Installation/Environmental_Handbook/Pages/default.aspx

a. The following materials are to be recycled on Fort Campbell: Cardboard, newspaper, telephone books, magazines, white and mixed paper, office paper and military manuals (not classified or labeled for destruction after use), plastics numbered 1 & 2, glass jars/bottles (clear, green and brown), tin cans, (food containers must be rinsed out), steel, aluminum, scrap metal, Electronics (E-waste), brass (including expended munitions casings) ammo cans (metal), textiles, electronics, Freon items along with other household appliances, concrete and reinforced steel removed from concrete, non-hazardous metal and metal items from construction and de-construction projects, pallets, (wooden and plastic), unpainted/untreated wood, yard waste, cooking oil, tires, all lead acid batteries, antifreeze, motor oil, POL products, oil filters, and printer/toner cartridges. (See EPS "Recyclables" in the Fort Campbell Environmental Handbook for entire list with proper disposition procedures)

b. Hazardous wastes will be handled and disposed of IAW The Fort Campbell Environmental Handbook 2015 listed at the beginning of this chapter.

c. Field Trash may only be disposed and or recycled at the Fort Campbell Recycling Convenience Center. (See EPS "Trash (Field)" in the Fort Campbell Environmental Handbook for the proper disposition of Field Trash). Note: Ammo, brass, ammo cans, mixed gleanings from firing ranges, POL products, military equipment and medical supplies must be processed through the proper military supply channels and not disposed of in trash or recycle containers.

8. General

During mobilization this regulation remains in effect. As with all other efforts for the preservation of natural resources, recycling is part of the mission. All levels of the Installation will strive to make recycling a habit rather than another task to perform. Recyclable/Reusable materials not covered for pickup within your area under the Installation Solid Waste Collection Contract must be collected and delivered by the generator to the Fort Campbell Recycling Convenience Center at Bldg. 6802, A Shau Valley Road. Onsite collecting and storage of recyclable/reusable materials is the responsibility of the collecting entity and should be maintained in a manner to not become a safety, health or security risk. Periodic compliance inspections will be performed by DPW Environmental Division personnel by spot checking dumpsters and recycle containers throughout Fort Campbell. Cleanliness of the Recycle container area is the responsibility of the building/facility manager. When one or more units occupy a building the responsibility for recycle monitoring will fall to the unit hand-receipt holder for the building.

a. First offense- the building RC and or POC will be notified.

b. Second offense- the unit commander, director, supervisor or manager will be notified.

9. Recycling Training

The Environmental Training office is available to conduct environmental training, OPDs, NCODPs, safety stand down days, etc.

10. Recycling Help Line

For issues not covered in this regulation, contact the Qualified Recycle Program Manager (270)-798-9618, the Environmental Help Line at (270)-798-9634 or the Recycling Convenience Center (270)-798-5695.

11. Proponent

The proponent of this regulation is the Directorate of Public Works (IMCB-PWE).

ANDREW P. POPPAS
Major General, USA
Commanding

Official:



JEFFREY W. YAEGER
Director, Mission Support Staff

DISTRIBUTION:
INTRANET

Appendix A References

Section I Required Publications

Army Regulation (AR) 200-1,
Environmental Protection and Enhancement, 13 Dec 2007

Army Regulation (AR) 380-5
Department of the Army Information Security Program

Army Regulation (AR) 420-1
Army Facilities Management, 12 Aug 2012

Army Regulation (AR) 420-49
Facilities Engineering Utility Services

32 CFR Part 65
Environmental Analysis of Army Actions

32 CFR part 172
Disposition of proceeds from DoD sales of Surplus personal property

40 CFR 122.26
Clean Water Act

Tennessee Code Annotated (TCA) 68, sections 102 thru 117
Environmental Protection

Tennessee Code Annotated (TCA) 39, Section 14, part 5
Offense of mitigated criminal littering.

DoDI 4160-21M
Defense Material Disposition Manual

DoDI 4715.17
Environmental Management Systems

DODI 4715.23
Integrated Recycling and Solid Waste Management

DoD 7000
Financial Management Regulation

Executive Order 13514
Annual reporting in DoD Strategic Sustainability Performance Plans (SSPP)

Executive Order 13693
Planning for Federal Sustainability in the Next Decade

CAM Reg 200-3 • 1 March 2017

Qualified Recycle Program Handbook, 2010
Setting up and Operating Recycling Programs

US Army Public Health Command Technical Guide 197
Guide for developing Integrated Solid Waste Management Plans at Army Installations

10 USC Section 2577
Establishment of Qualified Recycle Program

Section II
Related Publications

Environmental 101
Fort Campbell Environmental Handbook at Fort Campbell Sustainable Installation Management Systems
http://www.campbell.army.mil/Installation/Environmental_Handbook/Pages/default.aspx

Cam Reg 200-1
Installation Environmental Strategy Plan, Oct 2015

Glossary
Abbreviations and Terms

AAFES

Army & Air Force Exchange Service

C&D

Construction & Demolition

Cam Reg

Campbell Regulation

CCLLC

Campbell Crossing Lend Lease Corporation

CFR

Code of Federal Regulations

DA

Department of the Army

DeCA

Defense Commissary Agency

DES

Directorate of Emergency Services

DoD

Department of Defense

DODI

Department of Defense Instruction

DPTMS

Directorate of Plans, Training, Mobilization & Security

DPW

Directorate of Public Works

E-WASTE

Electronic waste

EO

Executive Order

EPA

Environmental Protection Agency

EPS

Environmental Protocol Sheets

EQCC

Environmental Quality Control Committee

EQO

Environmental Quality Officer

ETS

Expiration of Time in Service

Field Trash

Recyclables, garbage, refuse, rubbish and any other waste material generated while conducting Training or Training Exercises, Range Operations and/or deployments

FORSCOM

United States Army Forces Command

GRMO

Garrison Resource Management Office

IAW

In Accordance With

ISO

Installation Safety Office

ISWMP

Installation Solid Waste Management Plan

Litter

Garbage, refuse, rubbish, and any other waste material

NCO

Non-Commissioned Officer

NCOPD

Non-Commissioned Officer Professional Development

OPD

Officer Professional Development

POC

Point Of Contact

PPOC

Pollution Prevention Operation Center

RC

Recycle Coordinators

SIMS

Sustainable Installation Management System

Solid Waste

Any discarded or abandoned material

SOP

Standard Operating Procedure

TCA

Tennessee Code Annotated

USAPHC

United States Army Public Health Command

Website at <https://www.rmda.army.mil/organization/pa.shtml>.

- Army personnel who mishandle PII are required to take refresher training.

PII Breach Reporting

- Local Privacy Officers should ensure that everyone within their organization is familiar with ALARACT 050/2009 "Personally Identifiable Information (PII) Incident Reporting and Notification Procedures."
- Contact your privacy coordinator or supervisor as soon as you suspect or have an actual loss or compromise of PII.
- Report all incidents involving actual or suspected breaches/compromises of PII to <http://www.us-cert.gov> within one hour of discovery.
- Report all incidents involving actual or suspected breaches/compromises of PII to the HQ Army Privacy Office within 24 hours of discovery at usarmy.belvoir.hqda-aaa-aha.mbx.rmda-foia-privacy-alert@mail.mil by using DD Form 2959.

- If your PII is compromised, monitor financial accounts for suspicious activity.
- If your identity is stolen, immediately visit the Federal Trade Commission website for more information and recommended actions <http://www.ftc.gov> or call 1-877-IDTHEFT.

Social Media

- Assume all information shared on social media sites could be made public.
- Do not post or discuss work related information, especially sensitive/classified information.
- Use privacy settings and controls to limit access to all PII (i.e., creating a folder on AKO that stores PII).

PII Facts

- The majority of PII breaches are due to human error.
- SSNs are the most valuable commodity to an identity thief.
- Insider threat continues to grow, risk is greatest when PII is stolen by a hacker or thief.

*Department of the Army
PII User's Guide*

Personally Identifiable Information



Department of the Army FOIA/Privacy

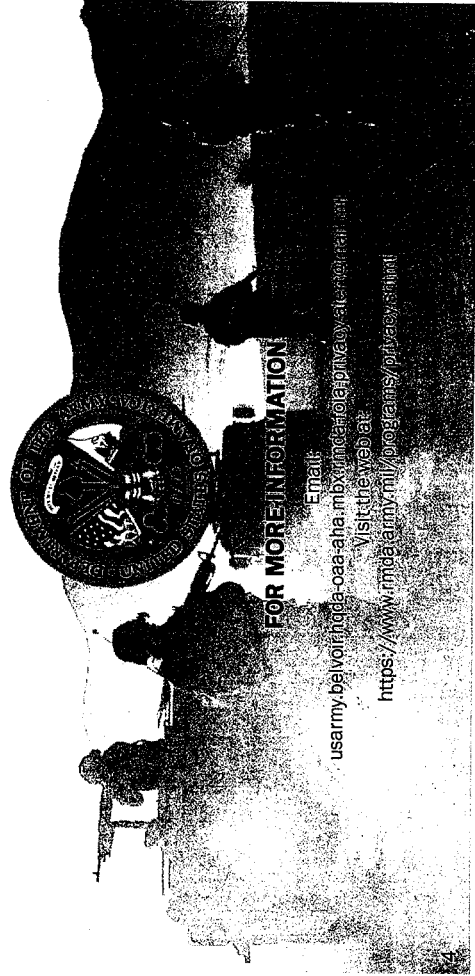
US Army Records Management and Declassification Agency

Casey Building

7701 Telegraph Road

Alexandria Virginia 22315-3860

Email: usarmy.belvoir.hqda-aaa-aha.mbx.rmda-foia-privacy-alert@mail.mil



Protective Measures

Protective Measures

- SSN Reduction-DoD 1000.30 1 August 2012 Reduction of Social Security Number (SSN) Use Within DoD. Limit the use of the SSN, in any form (including the last four digits), substituting the DoD ID number or other unique identifier whenever possible.
- Continued collection of the SSN must meet one of the acceptable use criteria and be formally justified in writing.
- Never include the SSN in a personnel roster.
- Use only officially issued forms. Those that collect PII should also have a Privacy Act Statement (PAS).
- The SSN must not be posted on any public facing websites.

IT Equipment

- Keep your laptop in a secure government space or secured under lock and key when not in use.
- Laptops and mobile electronic equipment must have full disk/Data at Rest (DAR) encryption.
- Mark all Government furnished external drives or mobile media containing PII with "FOUO-Privacy Sensitive."
- Do not create, store or transmit PII on IT equipment when the information is not encrypted.
- Never store PII on personal devices.
- Do not maintain PII on a public website or electronic bulletin board.
- Do not leave your laptop unattended in a car or car trunk, even if the car and trunk are locked.
- Do not check your laptop with or in your luggage when you travel.

Email

- E-mail containing PII must be digitally signed and encrypted.
- Under no circumstance should PII be transmitted from a government server to a private server i.e., .mil to a .com email address.
- As a best practice, ensure the e-mail subject line contains "FOUO" if the email contains PII.
- Ensure the body of the email containing PII includes the following warning: "FOR OFFICIAL USE ONLY."
- Ensure you are sending the e-mail to the correct recipients and all have an official need to know.
- Ensure you know what your attachment contains (i.e., PII) prior to sending. Do not forget to check all tabs if

Definition of PII

Information that identifies, links, relates, is unique to, or describes the individual, such as name, SSN, date and place of birth, mother's maiden name, biometric records, home phone numbers, other demographic, personnel, medical, and financial information, or any other PII which is linked or linkable to a specified individual. This definition of PII is not anchored to any single category of information or technology. Non-PII can become PII when information is publicly available and when combined could identify an individual.

Collecting PII

It is your responsibility to:

- Ensure that the information entrusted to you in the course of your work is secure and protected. PII must only be accessible to those with an "official need to know."
- Minimize the use, display or storage of SSNs and all other PII. The DoD ID number or other unique identifier should be used in place of the SSN whenever possible.
- Keep personal information timely, accurate and relevant to the purpose for which it was collected. Delete the information when no longer required. Always adhere to AR 25-400-2, "The Army Records Information Management System" (ARIMS) regarding retention and disposition requirements.
- Delete personal information when no longer required and remember to follow ARIMS Records Management retention and disposition requirements.
- Immediately notify your supervisor if you suspect or discover that PII has been lost or compromised.

the attachment is an Excel spreadsheet.

- Phishing continues to be on the rise. Ensure you only open and respond to legitimate e-mails.

Printed Material

- Verify the printer location prior to printing a document containing PII.
- Ensure all printed documents with PII are properly marked with "FOR OFFICIAL USE ONLY."
- As a best practice, use a "Privacy Act Cover Sheet" (DD Form 2923) as a cover when handling PII.
- Safeguard all documents when not in your direct possession by prohibiting access by those without an official need to know.

FAXing

- Facsimile transmission of PII is prohibited except:
 - When another more secure means is not practical.
 - When a non-Army process requires faxing.
 - When required by operational necessity.
 - When Faxing Internal Government Operations PII (i.e., office phone, office email, badge number, etc.).
- As a best practice, use a "Privacy Act Cover Sheet" (DD Form 2923) as a cover.
- Verify receipt by the correct recipient.
- External customers should be encouraged to use the US Postal Service or transmission by another secure means.

Scanning

- Scanned documents containing PII shall be transmitted using a secure means.
- The network attached MFD "Scan to file" or "scan to network share" functionality may be used only if the sender can verify that all users are authorized to have access to the scanned file or network share location.

Electronic Storage Media

All internal and removable electronic storage media must be properly marked and secured. The devices include, but are not limited to: laptops, printers, copiers, scanners, multi-function devices, hand held devices, CDs/DVDs, removable and external hard drives, and flash-based storage media. Classified electronic storage devices must be physically destroyed.

Network Shared Drives

(AR 25-2, Information Management Information

Assurance)

- For files/folders containing PII, ensure that controls are in place restricting access to only those with an official need to know.
- Limit storage of PII on shared drives whenever possible.
- Delete files containing PII in accordance with AR 380-5, "Department of the Army Information Security Program."
- Verify that access controls/permissions are properly restored following maintenance.

Disposal

(AR 380-5, Department of the Army Information Security Program.)

- Disposal methods are considered adequate if the records are rendered unrecognizable or beyond reconstruction (e.g., tearing, burning, melting, chemical decomposition, burying, pulping, pulverizing, shredding, or mutilation).
- Do not discard documents containing PII in trash or recycle bins.

Shredding

- It is highly recommended and considered a best practice to use a cross-cut shredder.
- For shredder residue size as a best practice, refer to NIST Special Publication 800-88.
- An alternative to purchasing a shredder is to contract with a GSA approved shredder service.
- In lieu of shredding, the use of burn bags is the alternate option.

Training and Compliance

(<https://www.rmda.army.mil/organization/pa-training.shtml>)

- All new employees are required to take Information Assurance (IA) PII training before allowed access to networks.
- All Army personnel, including contractors, must complete annual IA PII training. Local Privacy Officers must maintain record of completion by any method, i.e., spreadsheet log.
- The mandatory training for Army personnel is available through the DISA IA Education, Training and Awareness website at <http://iaase.disa.mil/eta/>.
- Additional training is also available on the RMDA

FORT CAMPBELL SIGN-OUT LOG FOR HAZARDOUS MATERIAL

(For use of this form see CAM Reg 200-1. The proponent of this form is DPW-EDPP)

ACTIVITY:

LOCKER#

DATE:

NAME OF INDIVIDUAL

PRODUCT NAME

NATIONAL STOCK
NUMBER (NSN)

LOCKER LOCATION

DATE
SIGNED

QUANTITY
SIGNED

QUANTITY
CONSUMED

I HAVE READ
THE MSDS/SDS

ALL PRODUCTS MUST BE RETURNED TO THE FLAMMABLE STORAGE LOCKER BY THE END OF THE DUTY DAY

ENVIRONMENTAL GUIDANCE HANDBOOK

This is an UNCONTROLLED DOCUMENT printed for reference only. The controlled document is on-line on the Fort Campbell Internet under Directorate of Public Works, Environmental Division.
http://www.campbell.army.mil/Installation/Pages/DPW_Environmental.aspx

Office Symbol _____

Date _____

MEMORANDUM FOR Directorate of Public Works, Environmental Division, Pollution Prevention Branch, ATTN: Clinton Allen

SUBJECT: Appointment of Environmental Quality Officer

1. IAW Cam Reg 200-1, the following is appointed as Environmental Quality Officer for

_____ (Unit), _____ (Activity),

_____ (Company):

Check the Appropriate Box for EQO Assignment/Training Request	Unit/Activity on Post Routine Activity	Rear Detachment/Deployed
EQO for Brigade -Primary		
EQO for Brigade -Alternate		
EQO for Battalion- Primary		
EQO for Battalion -Alternate		
EQO for Company -Primary		
EQO for Company -Alternate		
EQO for Directorate -Primary		
EQO for Directorate- Alternate		
EQO for Contractor -Primary		
EQO for Contractor -Alternate		
Attending EQO Class to meet the requirements for Satellite Accumulation Point (SAP) initial training only		
Attending EQO class for information and knowledge, will not currently serve as EQO		

EQO NAME

Email address

Phone Number

Date EQO Trained

2. EQO Rank: _____

3. Point of Contact (Commanding Officer/Supervisor): _____

4. Point of Contact Telephone No.: _____

5. Point of Contact E-mail Address: _____

 Commanding Officer/ Directorate Signature Block/ Contractor

For more information contact:

Clinton Allen, Hazardous Materials and Environmental Education Training Program Manager ; E-mail: clinton.b.allen2.civ@mail.mil

Ph: (270) 798-9771; Fax: (270) 798-3561

Form Rev. 04/2/2013

ENVIRONMENTAL GUIDANCE HANDBOOK

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http://www.campbell.army.mil/Installation/Pages/DPW_Environmental.aspx



REPLY TO:
ATTENTION OF:

DEPARTMENT OF THE ARMY
HEADQUARTERS, 101st AIRBORNE DIVISION (AIR ASSAULT) AND FORT CAMPBELL
2700 INDIANA AVENUE
FORT CAMPBELL, KENTUCKY 42223-5656

AFZB-CG

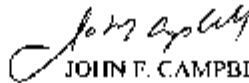
MAR 05 2010

MEMORANDUM FOR RECORD

SUBJECT: Installation Environmental Policy

1. References:

- a. Executive Order 13514 – Federal Leadership in Environmental, Energy, and Economic Performance, 8 October 2009.
- b. Memorandum from the Assistant Chief of Staff for Installation Management, Department of the Army, Subject: New Installation Management Requirements, 06 Aug 2001.
- c. International Organization for Standardization (ISO) 14001 Environmental Management Systems (EMS).
2. Fort Campbell's mission statement is to "Support Expeditionary Forces by providing Equitable Services that Sustain Fort Campbell and Enhance the Well-Being of the Military Community". Fort Campbell performs this mission in concert with our environmental stewardship responsibilities to protect and conserve the environment as defined by the Sustainable Installation Management System (SIMS). In accomplishing our mission, we commit to:
 - a. Conserve natural and cultural resources.
 - b. Comply with environmental laws, regulations, and policies.
 - c. Pursue continual improvement of environmental management through coordinated planning, operating, checking, correcting, and reviewing efforts.
 - d. Prevent pollution.
3. This policy will be disseminated to Soldiers, Civilian employees and contractors working on Fort Campbell.
4. Point of contact, Ms. Karen Kopp-Voshel, Directorate of Public Works, 270-798-9597.


JOHN F. CAMPBELL
MG, USA
Commanding

DISTRIBUTION:
A



SECURITY FACTS!!



A Physical Security and Security Technology Newsletter

Vol. 5, No. 1

In This Issue...

**Lockmasters
Introduces a New
GSA Cabinet Bolt
Saw**

**Security Seal
Training is Available
on Compact Disk**

**National Security
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Destruction Guidance
Manual Covers
National Security
Information
Procedures**

**Frequently Asked
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**Manage Lock and Key
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**Drawer Head
Replacement Service
Expands Support**

**Some Things You
Need to Know About
Field Safes**

**Kaba Mas X-09 Lock
is Approved**

**New Warranty Policy
in Effect on Locks
From Kaba Mas**

GSA-APPROVED SECURITY CONTAINERS DO NOT CONTAIN ASBESTOS

Neither Herring-Hall-Marvin nor Diebold ever used any asbestos in the insulation of their GSA-approved containers.

The first GSA-approved security containers were insulated to protect paper records from fire. This was a requirement of Federal Specification AA-F-357 to which the containers were built. Herring-Hall-Marvin built the first GSA-approved insulated security containers. In 1960, Diebold bought Herring-Hall-Marvin and continued producing insulated containers. In 1961 the requirement for GSA containers to be insulated was removed by an Executive Order. Diebold manufactured insulated GSA-approved security containers (as well as many uninsulated ones) until 1982.

Various containers, not approved by GSA, have been used by Federal agencies and contractors for storage of classified material. Some were insulated, and some of the insulation used contained asbestos.

The DoD Lock Program researched many of these non-approved containers. Some of the manufacturers were still in business and provided information as to the composition of their insulation. The DoD Lock Program took insulation from many of the containers and had it analyzed. The results, from the containers studied, are:

Manufacturer	Asbestos present in insulation
Diebold	No
Herring-Hall-Marvin	No
Mosler	No
Remington-Rand	Yes
Schwab	No
Shaw-Walker	No

No Remington-Rand containers were ever GSA-approved. Most contain some asbestos. Remington-Rand insulated containers should be disposed of as hazardous material.

No GSA-approved security container has any asbestos in its insulation.



NSN	Noun	P/N	Price	SOS	AAC	UI	MGMT CTL	Characteristics
4235013913110	Spill Clean up kit 55 Gallon	KIT269	\$200.54	SMS	Z	KT	E2200X	CONSISTS OF 1 EA 55 GALLON OPEN TOP DRUM, 1 EA SPARK FREE SHOVEL, 2 PR. CHEMICAL RESISTANT RUBBER GLOVES, 6 EA DISPOSABLE NON-TOXIC DUST MASK, 4 EA 55 GALLON COLLECTION BAGS, 1 EA CLEAN UP BROOM, 2 EA 18 LBS BAG ABSORBENT (ORGANIC BLONDE SPHAGNUM PEAT MOSS), 6 EA 4 FT X 4 IN. DIA SOCKS, 1 EA BLANK HAZARDOUS LABEL
4235013982595	Spill Kit Bag	Hazmat Response Bag	\$369.68	SMS	Z	BX	E2200X	CONSISTS OF 1 CANVAS BAG; 6 OIL ABSORBENT SOCKS 3 IN. X 48 IN.; 6 OIL ABSORBENT PILLOWS 12 IN. X 12 IN.; 3 OIL ABSORBENT PILLOWS 12 IN. X 22 IN.; 1 TEMPORARY DISPOSAL BAG
4235014169283	Spill Kit 25 Gallon	SS-25SRK	\$266.21	SMS	Z	EA	E2200X	CONSISTS OF 1 X 25 GALLON UN/DOT APPROVED DRUM 1 X SS > (3/4 CU. FT. LOOSE FILL BAG) 5 X SS 12 (18" X 18" PAD) 2 X SS 14 (18" X 18" PILLOW) 2 X SS 48(4" X 48" SOCK) 1 X SS 96 (4" X 96" SOCK) 1 X SS DISPOSAL BAG (HEAVY DUTY) 3XSS DUST MASK 2 X SS GLOVE (PR/NITRILE) 1 X SS GOGGLE (PR/SAFETY) 2 X SS TYVEKSUIT 1 X PI 1L (PLUG IT/ 1L) (DRUMS MAY COME IN BLUE)
4235014200895	Spill Kit Bag large. Camo	SK28BG	\$144.94	SMS	Z	KT	E2200X	LARGE SPILL KIT;1 EA LARGE CAMO ZIPPER BAG WATER RESISTANT W/HANDLE STRAPS;1 EA 25 LB CEP-SORBENT ORGANIC ARCTIPEAT SORBENT;2 EA 4"X8' SOCK (PEAT);50 EA P200 TYPE PADS(50PADS/KT);1PR CHEM RESISTANT GLOVES: 1TU 2-BIT WATERLESS HANDCLEANER;8EA 6 MILL DISPOSAL BAG W/TIES;8 EACH DISPOSAL LABELS;1 EA GOGGLES;4 EACH SAFETY DUST FACE MASKS;1 EA DUST PAN TYPE SCOOP; GLOVES ARE NITRILE RUBBER
4235014200905	Spill Kit Bag 16 Gallon, Camo	SK16BG	\$79.87	SMS	Z	KT	E2200X	CONSISTS OF 2-8" X 4" SORB-SOX, 2-4"X4' SORB SOX, 1-6 LB BAGS BULK SORBENT, 12 SLICK WICK200 ABSORBANT SHEETS,1-TUBE 2 BIT WATERLESS HAND CLEANER,1- PAIR CHEMICAL RESISTANT GLOVES, 4- HEAVY DUTY DISPOSABLE BAGS, 1-CAMOUFLAGE TOTE BAG, ABSORBS APPROXIMATELY 16 GALLONS.
4235014237214	Spill Clean up kit 55 Gallon	SKA-55/SP2	\$127.40	SMS	Z	KT	E2200X	1-55 GALLON HIGH STRENGTH RESISTANT DRUM; 15-18"X18"X3" PADS(PILLOWS); 2-4"X8' SOCKS; 2-4"X4' SOCKS; 3-3/4 CUBIC FEET BAGS OF EXSORBET; 3 TYVEK SUITS; 3 PAIRS OF NITRILE GLOVES; 3 PAIRS OF SAFETY GOGGLES; 5 WASTE DISPOSAL BAGS; 3 POCKET PILLOWS FILLED WITH PEAT MOSS. MINIMUM OF 2 LBS EACH;

NSN	Noun	P/N	Price	SOS	AAC	UI	MGMT CTL	Characteristics
4235014237221	Spill Clean up kit 55 Gallon	SKA-55/SP1	\$149.97	SMS	Z	KT	E2200X	1-55 GALLON HIGH STRENGTH DRUM; 10-18" X 18" X 3" PADS (PILLOWS) 5-2" X 10' SOCKS; 2 PAIRS OF NITRILE GLOVES; 1 SHOVEL; 1-3.5 GALLON BUCKET; 5-3/4 CUBIC FOOT BAGS OF EXSORBET; 2 TYVEK SUITS; 2 PAIRS OF SAFETY GOGGLES; 1-2 QUART EMULSIFIER; 5 WASTE DISPOSAL BAGS; 3 POCKET PILLOWS FILLED WITH PEAT MOSS. MINIMUM OF 2 LBS EACH ABSORBS BETWEEN 45 AND 55 GALLONS; SPECIALLY EQUIPPED FOR SPILLS ON OR AROUND WATER
4235014327912	Spill Kit 25 Gallon	STS-25SRK	\$113.05	SMS	Z	KT	E2200X	CONSISTS OF 1-25 GALLON HIGH STRENGTH RESISTANT DRUM CONTAINING: 7- 18" X 18" X 3" PADS FILLED WITH PEAT MOSS, (OUTER SKIN OF PAD POLYPROPYLENE); 1 - 4" X 8' SOCK (FILLED WITH PEAT MOSS); 2 - 4" X 4' SOCK (FILLED WITH PEAT MOSS); 1 3/4 CUBIC FOOT BAG OF PEAT MOSS; 2 - TYVEK SUITS; 2 PAIR NITRILE GLOVES; 1 PAIR SAFETY GOGGLES; 3 WASTE DISPOSAL BAGS; ABSORBS BETWEEN 22 AND 31 GALLONS
4235014500321	Spill Kit Vehicle, 5 gallon	SP-15	\$128.75	SMS	Z	EA	E2200X	IS A VEHICLE SPILL KIT PLACED BEHIND THE SEAT OF PICKUPS, TRUCKS, WRECKERS, SERVICE VEHICLES; KITS WILL PICK UP 5 GALLONS OF HYDROCARBON LIQUIDS; KIT CONSISTS OF 1-5LB CONTAINER OF OIL GATOR, 1 RED FLAT CANVAS ZIPPERED BAG (18" X 24"), 5 18"X18"X1/32" ABSORBENT PADS, 1 4"X4' SOCK, 1 3M CHEMICAL RESISTANT DUST MASK, 1 PAIR PLASTIC MORESAFE CHEMICAL RESISTANT SAFETY GOGGLES, 1 PAIR SANITIZED CHEMICAL RESISTANT GLOVES, MENS LARGE SIZE, 2 6ML CLEAR POLYETHYLENE DISPOSAL BAGS (24"X12") WITH 2 TIE WRAPS, 1 ROYAL MAID WHISK BROOM AND DUST PAN, 1 MSDS FOR OIL GATOR, 1 INSTRUCTION SHEET

NSN	Noun	P/N	Price	SOS	AAC	UI	MGMT CTL	Characteristics
4235014564724	Acid Spill kit 10 gallon	STS-ANK10	\$488.00	SMS	Z	KT	E2200X	CONSISTS OF 1 EACH 7 LB ACID NEUTRALIZER SHAKER WITH COLOR CHANGE INDICATOR; WILL ABSORB ALL ACIDS, EXCEPT HYDROFLURIC ACID; 2 EACH 3"X4" UNIVERSAL ABSORBENT SOCKS; WILL ABSORB ALL LIQUIDS, INCLUDING ACIDS; OIL, CORROSIVES, ETC.; 4 EACH 12"X12" NEUTRALIZER PADS W/COLOR CHANGE INDICATOR; WILL ABSORB ALL ACIDS, EXCEPT HYDROFLURIC ACID; 4 EACH 17"X19" YELLOW UNIVERSAL ABSORBENT SHEETS; ABSORBS ALL LIQUIDS INCLUDING ACIDS, OIL, CORROSIVES, ETC.; 1 PAIR CHEMICAL RESISTANT, NITRILE RUBBER GLOVES; 2 EACH PROTECTIVE FACE MASKS; 2 EACH HEAVEY DUTY PLASTIC BAGS W/TIES; 1 EACH EMERGENCY YELLOW BAG; KIT ABSORBS APPROXIMATELY 10 GALLONS
4235014231466	Absorbent Peat 8 lb bag	STS-22102PM	\$47.78	SMS	Z	BX	E2200X	MATERIAL IS PEAT MOSS; COMES IN A 1 CUBIC FOOT BAG AND ABSORBS UP TO 32 QUARTS OF OIL; 4 BAGS TO A BOX
4235011583502	Absorbent Pads White	MIL-S-28600	\$28.62	SMS	Z	BE	E2200X	19 IN. WIDE; 17 IN. LG; 3/16 IN. THK 200 sheets per bundle Oil Absorbing
7930013638631	Absorbant Pads, Gray	GOV106	\$80.78	GSA	H	BG	E2200X	MISCELLANEOUS PRODUCTS - SORBENTS Oil and Water SPILL CLEAN-UP; SIZE 15 IN. X 20 IN.; TYPE-SHEET; QUANTITY PER UNIT OF ISSUE 100
4235014159803	Drum Pads	PDC22DD	\$133.81	SMS	Z	BX	9B	DRUM COVERS; 2 PIECE DESIGN, DIE-CUT DRUM COVER TO ABSORB PETROLEUM-BASED FLUIDS FROM LEAKING PUMPS AND A DRUM SKIRT TO BE PLACED AROUND THE BASE TO CATCH DRIPS; DRUM COVER IS PRE-CUT FOR STANDARD BUNG AND VENT OPENINGS; 55 GALLON DRUM SIZE; 22 IN. DIAMETER, 25 PER BOX; BOX ABSORBENT CAPACITY 19 GALLONS
7930013012646	Absorbent Socks	404	\$94.45	GSA	H	BX	9Q	ABSORBENT SOCK USED PRIMARILY IN EVERYDAY HOUSEKEEPING AROUND MACHINES THAT LEAK, SEEP, SPILL COOLANTS OR CUTTING AND HYDRAULIC OILS. THEY FIT SNUGLY AGAINST MACHINE BASES AND WRAP AROUND CORNERS. 3 IN. DIAMETER X 42 IN. LENGTH 40 SOCKS PER BOX

NSN	Noun	P/N	Price	SOS	AAC	UI	MGMT CTL	Characteristics
4235014509763	Absorbent Pads, Aggressive	Mat 302J	\$70.12	SMS	Z	BG	E2200X	SINGLE WEIGHT, PERFORATED, ABSORBS 22 GALLONS PER BAG, 200 pads per Bag
7930014368327	Boom, Spill Containment	BOM406	\$116.04	GSA	H	BX	9Q	TEN FOOT LONG TUBULAR BOOM USED FOR CLEANING UP OIL-BASED SPILLS ON LAND OR WATER. HAS SNAP HOOKS ON THE ENDS FOR SECURING OR OVERLAPPING IN ORDER TO FORM A STRONG BARRIER TO KEEP OIL AND DEBRIS FROM SPREADING. INCLUDES INNER ROPE FOR RETRIEVING AND SECURING. ABSORBS UP TO TWO GALLONS OF OIL. WON'T SINK WHEN SATURATED. CONTAINS 98 PERCENT RECYCLED POLYPROPYLENE 8 per Box
4240015047863	Goggles, Industrial	NFES 0318	\$12.53	SMS	D	PR	J2200X	COVER STYLE GOGGLES, MEETS ANSI Z87.1 FOR HIGH IMPACT, LOW PROFILE FOR USE WITH HARD HAT, CLEAR REPLACEABLE LENS, SCRATCH RESISTANT, ANTI-FOG COATING, FILTERS 99 PERCENT OF UV RAYS, POLYPROPYLENE FRAME WITH ELASTOMER SEAL, INDIRECT VENTILATION, ADJUSTABLE NEOPRENE HEADBAND
8415006345023	Apron Utility		\$35.88	GSA	H	EA	9Q	FULL LENGTH BLACK 45 INCHES LONG RUBBER CHLOROPRENE 35 INCHES WIDE
8415000826108	Apron Utility	MIL-A-41829	\$37.14	SMS	D	EA	9B	FULL LENGTH BLACK 48 INCHES LONG RUBBER CHLOROPRENE 35 INCHES WIDE IMPERMEABLE
8415002668675	Gloves Rubber Industrial	MIL-DTL-32066	\$21.81	SMS	D	PR	9B	USER DESIGNATOR - MAN; CUFF TYPE - GAUNTLET; GARMENT SIZE - 11 BLACK RUBBER NATURAL OR RUBBER SYNTHETIC 1 TYPE AND 1 STYLE
8415008237459	Gloves Rubber Industrial	MIL-DTL-32066	\$14.14	SMS	Z	PR	9B	USER DESIGNATOR - MAN; CUFF TYPE - GAUNTLET; GARMENT SIZE - 11 BLACK RUBBER NATURAL OR RUBBER SYNTHETIC 3 TYPE AND 1 STYLE
8415008237460	Gloves Rubber Industrial	MIL-DTL-32066	\$14.14	SMS	Z	PR	9B	USER DESIGNATOR - MAN; CUFF TYPE - GAUNTLET; GARMENT SIZE - 10 BLACK RUBBER NATURAL OR RUBBER SYNTHETIC 1 TYPE AND 1 STYLE

NSN	Noun	P/N	Price	SOS	AAC	UI	MGMT CTL	Characteristics
7920001489666	Rag, Wiping	A-A-2522	\$30.87	GSA	H	BE	9Q	BALE; 50 lb. PLASTICS REMOVAL IN THE MARINE ENVIRONMENT (PRIME) PRODUCT; COTTON AND COTTON,SYNTHETIC
7920002051711	Rag, Wiping	A-A-2522	\$28.18	GSA	H	BE	9Q	BALE; 50 lb. PLASTICS REMOVAL IN THE MARINE ENVIRONMENT (PRIME) PRODUCT, COTTON, MADE FROM UNUSED OR RECLAIMED FABRIC; MIXED COLORS;DISTRIBUTOR IDENTIFIED BY CAGE/PN: 1VQE1/1711 AS 1 1/2 IS THE OEM PER SHAHID MOMIN 713-225-5511
7125-01-084-6955	Flammable Storage Cabinet	25452	\$1,095.27	GSA	H	EA	E2200N	SELF CLOSING DOORS; 45 GAL CAPACITY Yellow
7125-01-035-3023	Flammable Storage Cabinet	1945	\$1,480.15	GSA	H	EA	E2200N	DOUBLE 18 GAUGE WALLS WITH 1.5 IN. AIR SPACE BETWEEN,FIRE BAFFLE COVERS EACH VENT,MESSAGE FLAMMABLE - KEEP FIRE AWAY,SLIDING DOOR WITH FUSIBLE LINK THAT AUTOMATICALLY CLOSES DOOR IF LINK MELTS,45 GAL MAX CAPACITY
7125-01-084-6954	Flammable Storage Cabinet	1932	\$752.94	GSA	H	EA	E2200N	30 GALLON CAPACITY, MANUAL CLOSING DOORS; WELDED POP - RIVETED AND BOLTED CONTRUCTION FOR MAXIMUM STRENGTH W/CONSPICUOUS BRIGHT RED "FLAMMABLE-KEEP FIRE AWAY" DECAL ACROSS BOTH DOORS
5120-01-504-9552	Shovel, Hand	5411	\$57.90	GSA	J	EA	9Q	39.000 INCHES BENT STEEL HANDLE; WITH WEAR STRIP ON BLADE PLASTIC BLADE STEEL HANDLE
3990-01-398-8107	Spill Pallet	5001-YE	\$273.42	SMS	D	EA	9B	FOUR 55 GALLON DRUMS / 85 GALLON SPILL CAPACITY;2500LB LOAD CAPACITY
8145-01-515-6458	Fuel Coffin	CJ-1001	\$294.00	A12	B	EA	B21WCX	HOLDS CANS SECURE WITH LID OPEN LOCKS CANS IN POSITION WITH LID CLOSED, UNITS ARE STACKABLE TO 2 TIERS (INTERLOCKING BASE TO LID) GAS, OIL, FUEL AND WEATHER RESISTANT
3990-01-411-6718	Pallet, Material Handling	PAK357	\$176.74	SMS	D	EA	9B	2 DRUM SPILL CONTAINMENT PALLET, POLYETHYLENE, REMOVABLE GRATE, DRAIN PLUG, 66 GALLON SUMP. Plastic

Appendix E

**FC Form 200-1 Request for Environmental
Impact Analysis**

NEPA Project Examples 1-2-3

Lead Acid Battery Information Booklet

POL Open and Closure Forms

SAP Open and Closure Forms

Site Specific Plan Example

Purge Statement

Fuel Turn In Form

JEFS/DARD Disposition Request Form

REQUEST FOR ENVIRONMENTAL IMPACT ANALYSIS

(Reference to this form is CAM Reg 200-1, The proponent of this form is DPW Environmental)

EIA NUMBER:**CX:****REC:**

INSTRUCTIONS: Section I to be completed by Proponent. (Fill out project description on page 2). Section II to be completed by the NEPA Program. Proposed actions will either qualify as a Categorical Exclusion (CX); a Record of Environmental Consideration (REC); or further Environmental Analysis will be required (EA). Inadequate information will result in the EIA request being returned to proponent as incomplete.

SECTION I - PROPONENT INFORMATION

TO: DPW - Environmental Division
NEPA Program
Building 871, Bastogne Ave
Fort Campbell, KY 42223

FROM: (Proponent's Organization and Contact Information)

PRIMARY POC NAME:**E-MAIL:****PHONE:****ALTERNATE POC:****E-MAIL:****PHONE:****DATE REQUEST SUBMITTED:****ANTICIPATED START DATE:****PROJECT TITLE:****PROJECT NUMBER:****IS THIS PROJECT MULTI-PHASED?**

YES

NO

☐☐**TOTAL PROJECT FOOTPRINT:**

Attach Documents

PROJECT LATITUDE/LONGITUDE:**INFORMATION TO INCLUDE FOR ASSESSMENT:**

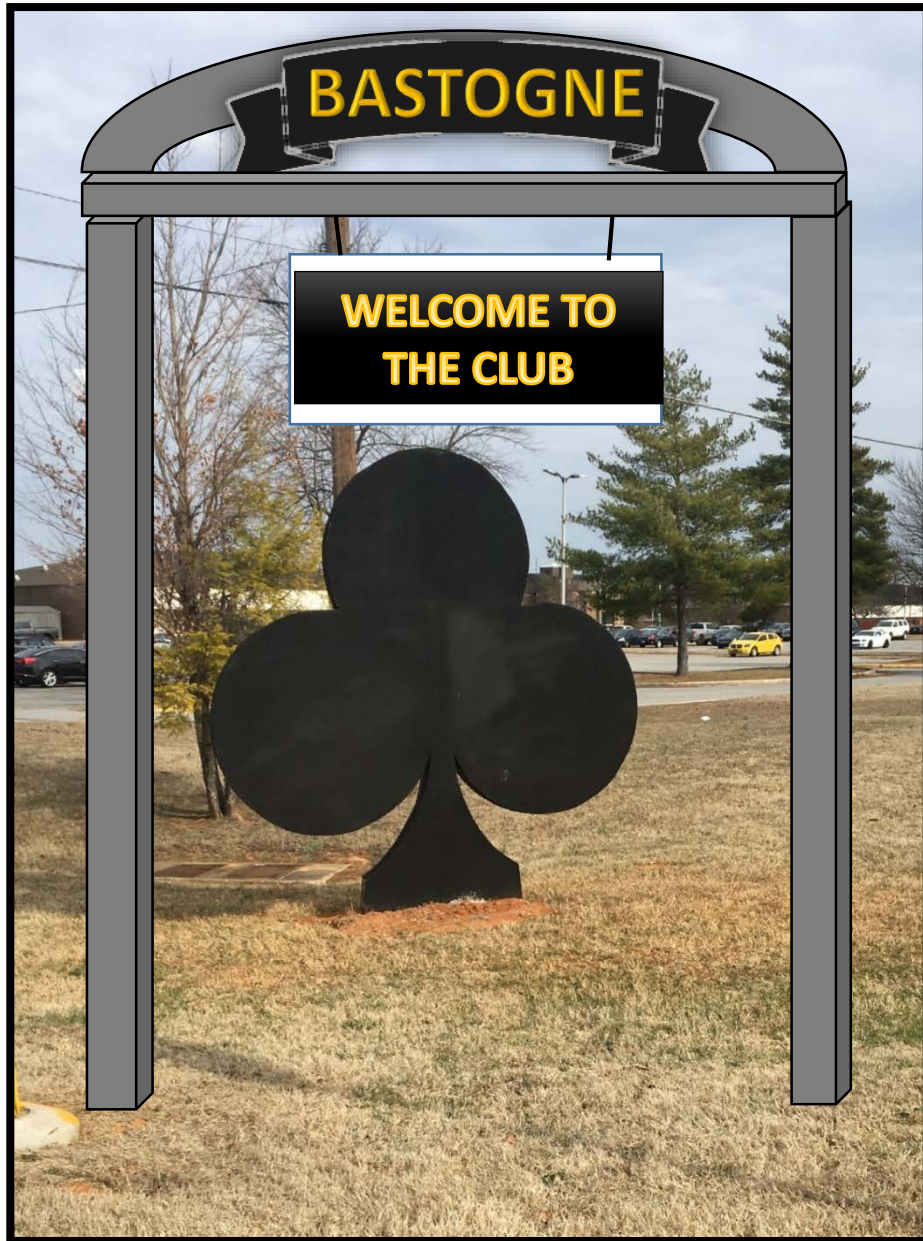
"To minimize delays, please include: project time table; maps and aerial photographs with all potential ground disturbance areas, (including project footprint and construction, or utility lay-down area), acreage, building numbers, street/road names, and all details of work to be performed. Additional supporting project information may be requested, such as ArcGIS data files, DA Form 4283s, SOWs, etc. (Fill out Project Description on page 2)."

SECTION II - ENVIRONMENTAL ANALYSIS DETERMINATION☐**Proposed Action Qualifies for CATEGORICAL EXCLUSION (CX)**CX Under: (Keep this EIA in your project records)☐**Proposed Action Requires Further Environmental Analysis**☐ **REC** - (POC Will Be Contacted for Additional Action)☐ **EA, EIS, ECP, BA, Etc.** - (POC Will Be Contacted for Additional Action)☐**PEIS Checklist (FC Form 200-3) Required to initiate REC****NEPA PROGRAM SIGNATURE:****DATE:**

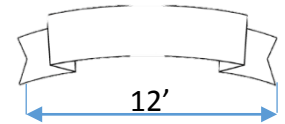
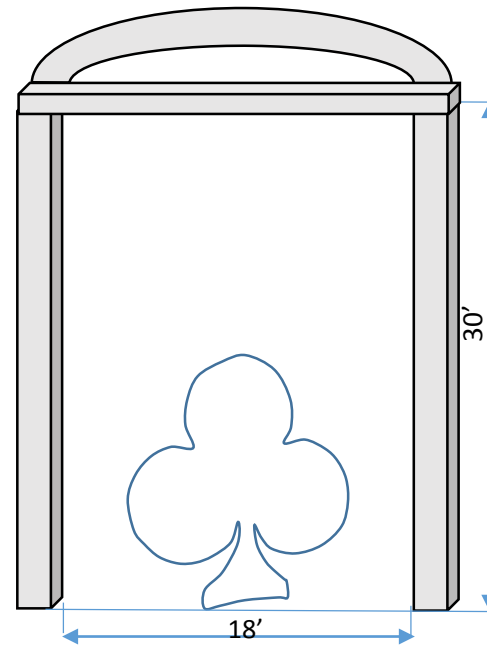
REQUEST FOR ENVIRONMENTAL IMPACT ANALYSIS

PROJECT DESCRIPTION:

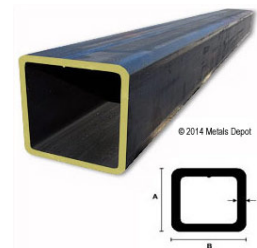
ENVIRONMENTAL REMARKS:



Option 1:
Square Tube
Curved beam



E-3







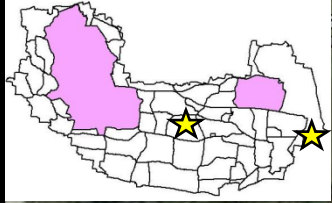
326th EN BN

UNCLASSIFIED
CASEVAC from TSAAS

AS OF:
09JAN17





	326 th EN BN	UNCLASSIFIED LE EQT VI (TSAAS)	AS OF: 02FEB17	
		<div data-bbox="986 525 1189 696">2,530 Meters Total</div>		
C2 Element at TSAAS Equipment <ul style="list-style-type: none">-Grader- Roller (If available)-Bobcat-Dump truck-Loader-M1152A1-HPPOE Generator-Chainsaws		<u>Friendly Situation / Adjacent Units</u> Legion conducts: <ol style="list-style-type: none">1. Repair and construction of TSAAS's unimproved trail to provide a safe running route for TSAAS operation. <ul style="list-style-type: none">- Grading of unimproved roads to level erosion and pot holes- Culvert addition on South side- Removal of trees inhibiting traffic- Trimming of tree branches below 6ft.- Removal of fallen trees on route- Gravel addition (If roller is available)		
<u>KEY INFORMATION</u> # Personnel: 10 # of Vehicles: 6 # of Aircraft: 0 Pre-Planned Fires: N/A Central Grid: 16SDF57975349, 16SDF45195069 Planned Start Date: 270930FEB2017 Planned End Date: 101700MAR2017 <u>Mission Statement:</u> LE PLT conducts LE EQT VI IOT certify soldiers on vehicles, equipment and project management <u>Commanders Intent:</u> LE Soldiers will safely increase their proficiency and confidence on core tasks with MTOE equipment and METL Tasks. <u>Purpose:</u> Certify LE to support maneuver elements and other units <u>KEY TASKS:</u> T1: Complete TSAAS trail P1: IOT certify leaders on project management and completion To certify Soldiers on METL tasks <u>Endstate:</u> LE Soldiers are qualified on METL tasks, confident in their proficiency and are prepared to support other battalions and units as an independent LE section				

FTCKY Qualified Recycling Program Lead Acid Batteries (Direct Sales & Exide Program Batteries)

FTCKY QRP Program Manager (270)798-9618
Environmental Compliance Branch
Department of Public Works
Fort Campbell KY
Home of the 101st Airborne Division Screaming Eagles

Lead Acid Batteries

Military Equipment utilizes many types & sizes of Lead Acid batteries



Lead Acid Batteries

Safety and Disposal

1. Lead Acid Batteries are Hazardous

- a) They contain Lead and Acid
- b) Utilize proper safety equipment & handling procedures
See Dept. of the Army TB 43-0134, Battery Disposition and Disposal, dated 19 May 2008, your unit SOP and FTCKY EQO (Environmental Quality Officer) handbook for further details
- c) It is illegal to Landfill Lead Acid batteries, which are a HazWaste

2. Lead Acid Batteries are Recyclable

- a) Two acceptable ways to properly dispose of unserviceable Lead Acid batteries on FTCKY
- b) Exide Battery Program Exchange
- c) Direct Sales thru the Qualified Recycling
- d) Program (generating revenues for QRP Projects on the Installation)

Lead Acid Batteries

Exide Program Cores

The DLA Exide contract provides a One for One exchange on the Exide cores listed for return to Exide. When any of the three listed Exide NSNs are ordered, Exide will deliver one new battery and take an Exide core in return.

* **NOTE:** The three following batteries are the **ONLY ONES** in the Exide Battery core Return Program. Unserviceable cores of these three NSNs are **returned** back to Exide thru the customers' SSA. Core pickup occurs upon delivery of new Exide's. (One for one exchange)



NSN 6140-01-446-9506



NSN 6140-01-390-1969



NSN 6140-01-390-1968

Lead Acid Batteries

Exide Contract

Exide has an LTC (Long term Contract) and delivers DLA orders for the following NSN's:

- 6140-00-059-3528
- **6140-01-390-1968 (Core returned to Exide)**
- 6140-01-446-9498
- **6140-01-446-9506 (Core returned to Exide)**
- 6140-01-469-9184
- 6140-00-057-2553
- **6140-01-390-1969 (Core returned to Exide)**
- 6140-01-485-1472
- 6140-01-051-4900
- 6140-01-439-3802
- 6140-01-582-5710

Note: Only the 3 noted NSNs are released back to Exide upon delivery of new Exide's (one for one exchange)

Lead Acid Batteries Responsibilities

Units and Repair facilities

1. Perform Battery segregation at the unit into two groups
 - a) **Group 1.** Exide One for One Program batteries due back to Exide palletized separately from all other Lead Acid cores. (Prep & palletize the batteries IAW slides # 9, # 10 of this presentation)
 - b) **Group 2.** QRP Direct Sales batteries prepped and palletized. This is all of the other lead acid cores. (Prep & palletize the batteries IAW slides # 9, # 10 of this presentation)

Note: See Dept. of the Army TB 43-0134 Battery Disposition and Disposal, 19 May 2008, your unit SOP and FTCKY EQO handbook for safety and handling details.

2. Transport all of the prepared pallets of batteries to the units SSA or higher supply activity for further disposition

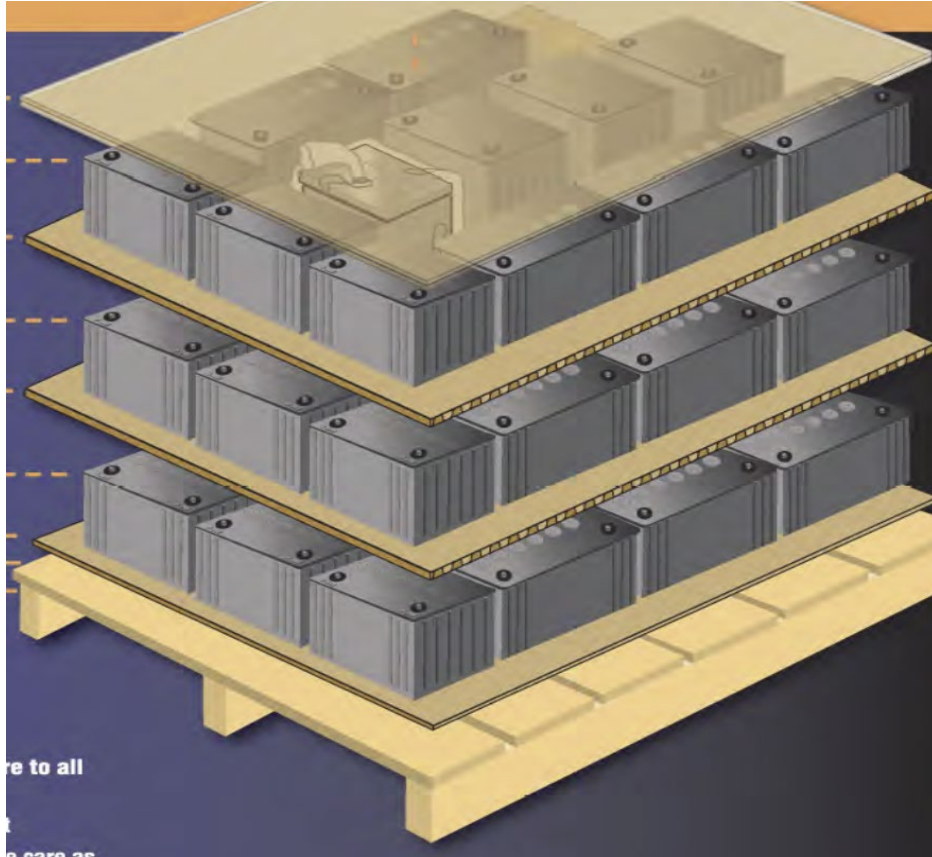
Supply Support Activity

1. Establish an SSA battery P.O.C. with the FTCKY QRP Manager
Tel 270-798-9618, robert.d.anderson8.naf@mail.mil
Insure proper segregation, palletizing, packaging and storage of all
2. Lead Acid batteries IAW slides 9 and 10 of this presentation.
Note: (See Dept. of the Army TB 43-0134 Battery Disposition and Disposal, 19 May 2008 your unit SOP and FTCKY EQO handbook for further details)
3. Exide will pick up any of the 3 eligible Exide cores upon delivery of new Exide's to the SSA.
4. Insure all other Lead Acid cores are transported to the FTCKY (PPOC) Pollution Prevention Operation Center Bldg. # 5133 for storage and prep for QRP Direct Sales.

Palletizing & Storage

1. Insure proper segregation of all Lead Acid batteries (Exide Program **one for one** exchange cores separate from the FTCKY QRP Direct Sales)
2. *Place batteries on pallets with terminals to the outside if possible. Terminals must be covered in nonconductive caps or tape
3. *Stack batteries no more than three rows high per wooden pallet, separate rows by a 1" thick Honeycomb or waffle board (Stack cores 3 rows high and squared to maximize your storage, transportation & handling assets while adhering to safety and shipping guidelines).
4. *Batteries must be **firmly secured** to the pallet via shrink wrap
5. *Do not double stack pallets on your batteries
6. Never store batteries directly on the ground, Batteries stored outside require a waterproof covering (pallets with mixed sizes of cores is acceptable by placing largest cores on bottom row, medium size cores in middle row and small cores on top row.)
7. Insure the stack is squared as in the following page.

** Meets general requirements set forth by Code of Federal Regulations (CFR) Title 49, part 173.159 Transportation of Batteries, wet*

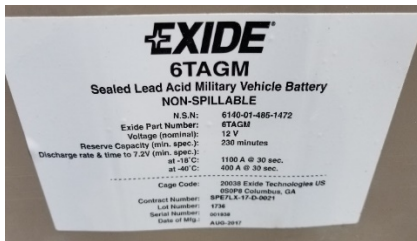


- Max Height = 3 Rows of Batteries
- The first row of batteries must be separated from the pallet with a thin cardboard cover or sheet
- All terminals to be covered in nonconductive tape or caps
- Insure all side terminals face in and do not touch other terminals
- If possible ,stack with top terminals to the outside
- Separate each row of batteries with a 1” waffle board or honeycomb
- Cover the top row of batteries with a thin cardboard cover or sheet
- Securely affix batteries to pallet with shrink wrap
- Batteries temporarily stored outdoors require a waterproof nonconductive cover

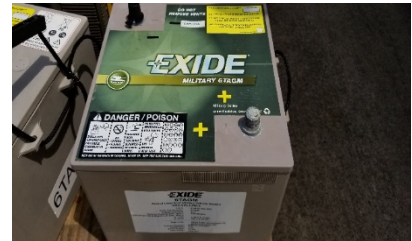
** Meets general requirements set forth by Code of Federal Regulations (CFR) Title 49, part 173.159 Transportation of Batteries, wet*

Lead Acid Batteries

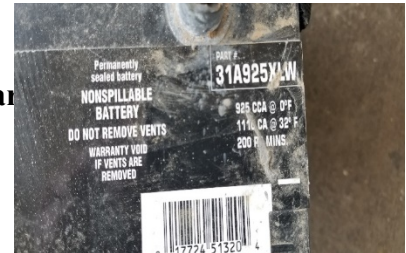
Several of the other Exide's utilized on FTCKY that are eligible for QRP Direct Sales



6TAGM 12 Volt Square
NSN 6140-01-485-1472



AGM 200 12 Volt Rectangular
NSN 6140-01-582-5710



6TMF 12 Volt Square
NSN 6140-01-446-9498



2 HN 12 Volt Rectangular
NSN 6140-00-057-2553



6TL 12 Volt Square
NSN 6140-01-548-0923

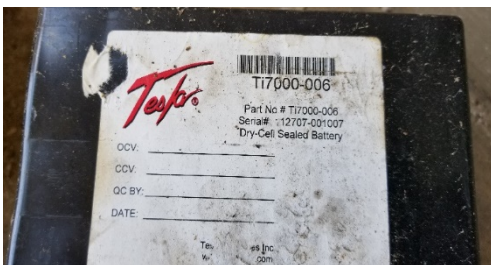


Lead Acid Batteries

Numerous Non Exide's used on FTCKY that are eligible for QRP Direct Sales



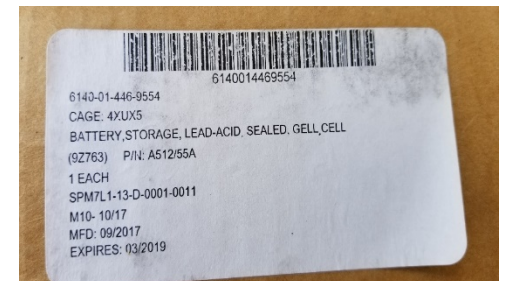
Werker 12 Volt



Tesla 12 Volt



Ex Sonnenschien 12 Volt



Powermaster 12 Volt.



Power Sonic 12 Volt

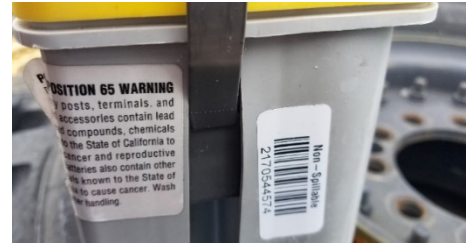


Lead Acid Batteries

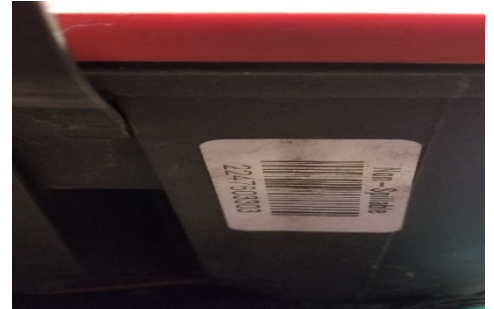
Numerous Non Exide's used on FTCKY that are eligible for QRP Direct Sales



**Optima Yellow Top 12 Volts
Thin and Tall
2170544574**



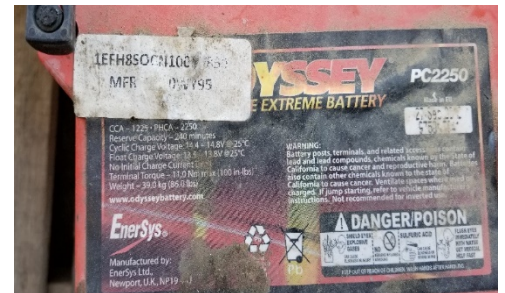
**Optima Red Top
12 Volt # 22476003303**



**Optima Blue Top
12 Volt # 6119405768**



Odyssey 2250 12 Volt



John Deere 12Volt



Lead Acid Batteries

Numerous Non Exide's used on FTCKY that are eligible for QRP Direct Sales



Gill 7243 12 Volt



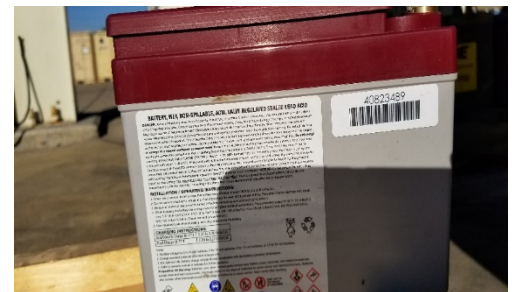
Genesis EP 12 Volt



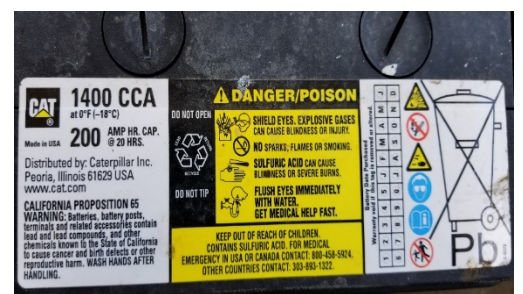
Aircraft 24 Volt



Concorde 12 Volt



CAT 12 Volt

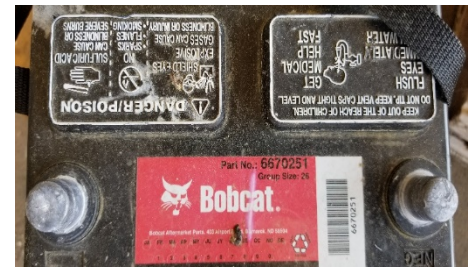


Lead Acid Batteries

Numerous Non Exide's used on FTCKY that are eligible for QRP Direct Sales



Bobcat # 6670251 12 volt



CAT 12 Volt



Bobcat # 6674687
12 Volt



Misc Brands 12 Volts



Optima Yellow Top 12 Volts
(Short, wide case)

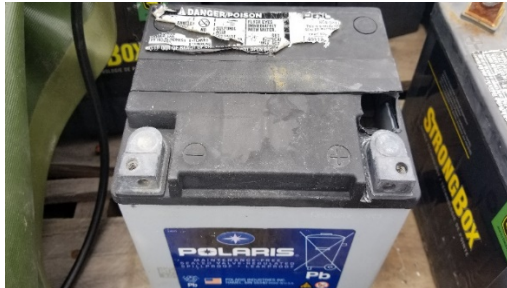


Lead Acid Batteries

Numerous Non Exide's used on FTCKY that are eligible for QRP Direct Sales



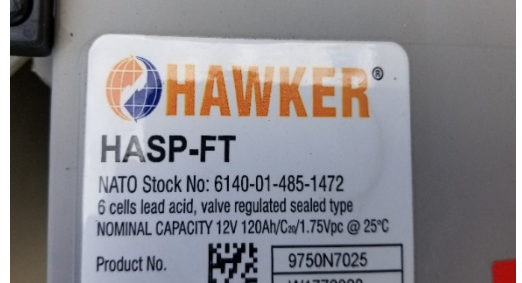
Duralast 12 Volt



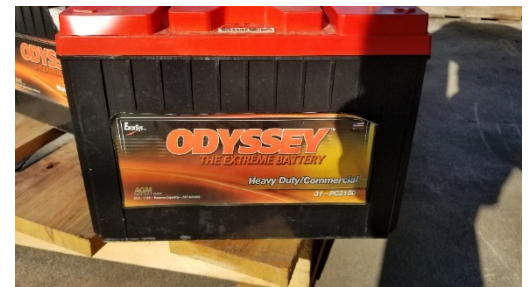
Polaris 12 Volt



Hawker 12 Volt



Odyssey 31-PC 2150



Rock 12 Volt



Lead Acid Batteries

Numerous Non Exide's used on FTCKY that are eligible for QRP Direct Sales



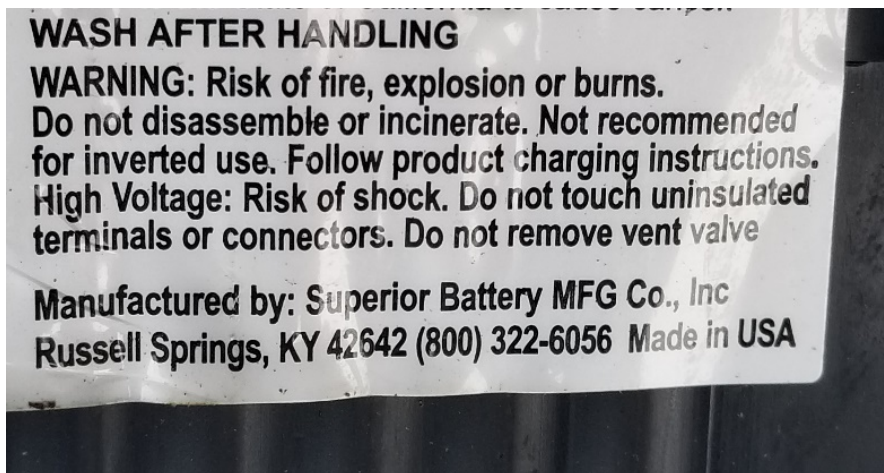
**EPM products (small)
12 Volt**



12 Volt Industrial



**Electric Tow Motor
Battery**



DEPARTMENT OF THE ARMY

Fort Campbell, Kentucky 42223

AFZB-_____

_____ Date

MEMORANDUM FOR: The Environmental Division, Pollution Prevention Branch

SUBJECT: Request Establishment of a Petroleum, Oil, and Lubricant (POL) Accumulation Point

1. Request establishment of the POL at the following unit/activity _____.
2. The estimated date of establishment will be _____.
3. This POL site is located in building _____ located near the intersection of _____ in room _____.
4. The POL at this location will be used to accumulate POL waste IAW applicable regulations. All waste containers will be emptied by calling the PPOC at 3rd and Wickham Ave. (270-798-9790). Forward this memorandum to the Environmental Division's Pollution Prevention Branch (270-798-9762/9105) and place a copy in your site spill plan folder. Secondary containment units (SCU) will be used at the site. POC for secondary container units (SCUs) is the Environmental Division (270-798-3105).
5. The Environmental Quality Officer (EQO) is _____ and can be contacted at phone number _____.
6. The point of contact for this memorandum is _____ and can be contacted at phone number _____.

Commanding

Environmental Quality Officer

DEPARTMENT OF THE ARMY

Fort Campbell, Kentucky 42223

AFZB-_____

Date: _____

MEMORANDUM FOR the Environmental Division, Pollution Prevention Branch

SUBJECT: Request Closure of a Petroleum, Oil, and Lubricant (POL) Accumulation Point

1. Request closure of the POL at the following unit/activity _____.
2. The estimated date of closure will be _____.
3. This POL site is located in building _____ located near the intersection of _____ in room _____.
4. The POL at this location will **no longer** be used to accumulate POL waste IAW applicable regulations. All waste containers will be emptied by turning the waste into the PPOC at 3rd and Wickham Ave. (798.9790). Forward this memorandum to the Environmental Division's Pollution Prevention Branch (798.9763/9105) and place a copy in the back of your unit Spill Plan folder. Remember, secondary containment units (SCUs) are Installation Property and should be secured.
5. The Environmental Quality Officer (EQO) is _____ and can be contacted at phone number _____.
6. The point of contact for this memorandum is _____ and can be contacted at phone number _____.

Commanding

Environmental Quality Officer

DEPARTMENT OF THE ARMY

Fort Campbell, Kentucky 42223

AFZB-_____

Date

MEMORANDUM FOR the Environmental Division, Pollution Prevention Branch

SUBJECT: Request Certification/Recertification of a Satellite Accumulation Point (SAP)

Request establishment or re-establishment of a SAP for the following wastes:

_____.

2. The estimated date of installation should be _____.

3. This SAP site will be established at building _____ located near the intersection of _____ and _____ in room _____.

4. The SAP at this location will be maintained and managed IAW applicable regulations. When waste containers are filled, the PPOC at 2nd and Wickham Avenue will be notified for waste pick-up 270.798.9790. Any deployment over 10 days will require closure of the above site. Questions should be brought to the Environmental Division's Pollution Prevention Branch 270.798.9786/9762/9773.

5. The Environmental Quality Officer (EQO) is _____ and can be contacted at phone number _____.

6. The point of contact for this memorandum is _____ and can be contacted at phone number _____.

Commanding

Environmental Quality Officer

DEPARTMENT OF THE ARMY

Fort Campbell, Kentucky 42223

AFZB-_____

Date

MEMORANDUM FOR The Environmental Division, Pollution Prevention Branch

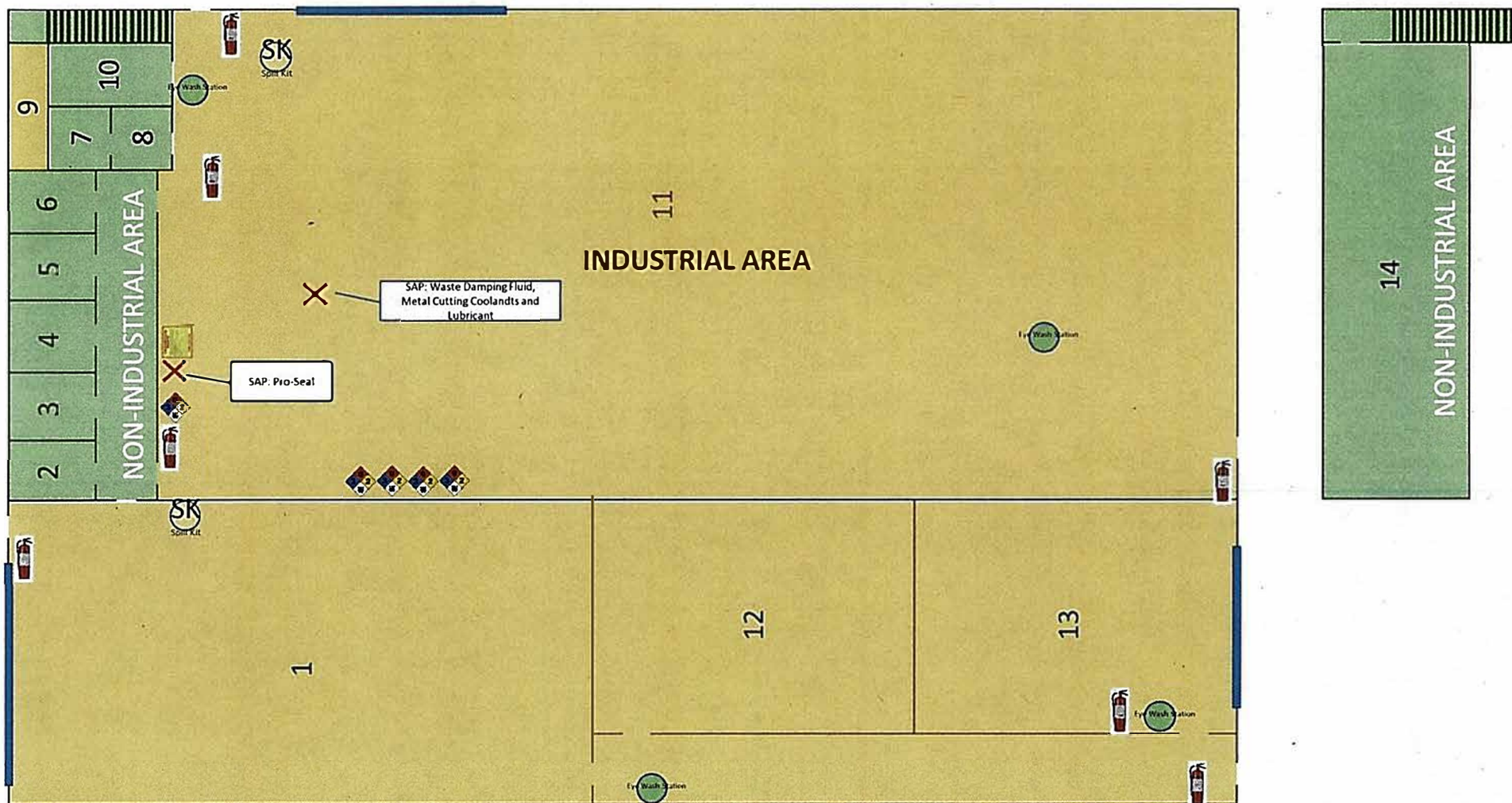
SUBJECT: Request Closure of a Satellite Accumulation Point (SAP)

1. Request closure of the SAP at the following unit/activity _____.
2. The estimated date of closure will be _____.
3. This SAP site is located in building _____ located near the intersection of _____ in room _____.
4. The SAP at this location will **no longer** be used to accumulate SAP waste IAW applicable regulations. All waste containers will be emptied by turning the waste into the PPOC at 3rd and Wickham Ave. (798.9790). Forward this memorandum to the Environmental Division's Pollution Prevention Branch (798.9763/9105) and place a copy in your six-part folder.
5. The Environmental Quality Officer (EQO) is _____ and can be contacted at phone number _____.
6. The point of contact for this memorandum is _____ and can be contacted at phone number _____.

Commanding

Environmental Quality Officer

Example of a SAP site Diagram



DEPARTMENT OF THE ARMY

Ft. Campbell, Kentucky 42223

DATE: _____

AFZB-_____

MEMORANDUM FOR RECORD:

SUBJECT: Equipment/Vehicle Purge Statement

The following identified equipment\vehicle was purged IAW policies and state laws for transportation and or shipping.

Administration/Serial number: _____.

Equipment/Vehicle type: _____.

Assigned Unit: _____.

The point of contact for this memorandum is _____ and can be reached at: _____

Commanding

See Ft. Campbell Environmental Handbook page A-62 or appropriate page of the current edition for Purging guidelines

JACOB (931-431-5677/2036) will purge the vehicle/equipment but will not issue purge certificate (unit responsibility)

Once purged and certified (by your individual unit) then equipment may be turned in for maintenance, DLA or transportation.

Note: Environmental Division does not have the ability to test for fuel/vapor residue.

ENVIRONMENTAL GUIDANCE HANDBOOK

This is an UNCONTROLLED DOCUMENT printed for reference only. The controlled document is on-line on the Fort Campbell Internet under Directorate of Public Works, Environmental Division.

<https://home.army.mil/campbell/index.php/about/Garrison/dpw/environmental/eqo-handbook>

Office Symbol _____

Date _____

MEMORANDUM FOR Directorate of Public Works, Environmental Division, Pollution Prevention Branch,
ATTN: Robert P Stewart II

SUBJECT: Fuel Turn in to Pollution Prevention Operation Center (PPOC)

1. IAW Cam Reg 200-1, and the Environmental Quality Handbook any amount of fuel being turned in to the PPOC in an amount of 150 gallons or more must be approved by the unit commander.

a) Quantity Turning in: _____

b) Vehicle / Trailer Number coming from: _____

_____(Brigade), _____(Battalion),

_____(Company):

2. Point of Contact (Commanding Officer/Supervisor): _____

3. Point of Contact Telephone No.: _____

4. Point of Contact E-mail Address: _____

Commanding Officer/ Directorate Signature Block/ Contractor

For more information, contact:

Robert Stewart the Hazardous Materials and Environmental Education Training Program Manager ; E-mail: robert.p.stewart.civ@mail.mil Ph: (270) 798-9769;
Fax: (270) 798-3561 or George Hartman, Environmental Trainer, E-mail: george.h.hartman.ctr@mail.mil Ph: (270) 798-9595.

JEFS/DARD DISPOSITION REQUEST FORM

If you would like to request disposition for non-hazmat CBRN items from this facility, please read and follow all of the detailed directions #1-7 listed below to avoid delays in processing. Use the attached blank DARD Disposition request form. All assets that are coming from the same DODAAC/Location should be included on one form. Please do not use a separate form for each NSN. . If your shipment consists of more line items than what is on the attached form, please request a multi-page form to accommodate a larger shipment.

1. Please fill this form out in all areas that are highlighted in yellow.
2. Do not change the format of this form in any way as that will delay processing. This includes column widths, fonts, etc....
3. Please use the drop down menu to select the Branch of Service from the listed options only. When you click on this block the menu button will appear.
4. You will need to list the items you are requesting disposition for by full 13 digit NSN if possible (without dashes or spaces please). All like NSN's should be combined and only the total quantity for that NSN should be listed as one line item. Please do not list the same NSN multiple times on the request form as this will delay processing. You can have multiple 1348's for the same NSN but each NSN only needs to be listed once with a cumulative quantity for that NSN on the request form.
5. You should list the Nomenclature, Quantity and Unit of Issue in the designated columns. Errors in these columns will delay processing.
6. Do not enter anything in "Disposition Authorization No." or "DTID Authorization", this is for our use only when uploading the request into our system.
7. Submit the completed form to SMBLOGCOMJEAP@usmc.mil .

Once we receive the completed Disposition Request Form, we will review the request for errors and/or omissions, notify you of any items listed that are not accepted, process the authorization memo and return to you along with a TAC Code, a pallet label and instructions for shipping the authorized items to this facility for disposal. All disposition request are processed in the order they are received.

IMPORTANT PHONE NUMBERS/ADDRESSES **(412, 461, 798, and 956 prefixes are Area Code 270)**

AAFES Administration	Bldg. 6140-----	798-2860
AAFES Main Exchange	Bldg. 2840; Bastogne Ave-----	270-439-1841
AFSBn ISD Compressed Gasses	Bldg. 5207; 8 th & Desert Storm-----	412-4538
AFSBn IMD Fuel/Water Drum Repair	Bldg. 5342-----	798-2672
AFSBn IMD (Refrigerant Removal)	Bldg. 5342-----	798-3302
AFSBn IMD MGR	Bldg. 5339-----	798-4133
AFSBn ISD Fuels Lab	Bldg. 7170-----	798-6717
Ammunition Supply Point	Bldg. 7836; S Drive-----	798-6528
BACH Environmental Svcs.	Bldg. 650; Joel Drive-----	798-8341 / 956-0494
BACH Environmental Health	Bldg. 6903; Desert Storm-----	412-3990
BACH J&J Maintenance	Bldg. 650; Joel Drive-----	931-431-5400
BACH MCDM Branch	Bldg. 2434; 20 th St. & Indiana Ave-----	798-8339
Bi County Landfill	Hwy 79/Dover Road; Woodlawn-----	931-648-5751
Central Dispatch	Bldg. 2704 29 th & Kentucky Ave-----	798-7111/7112
CIP (ENV Command Inspection)	Bldg. 5134; 2 nd St & Wickham Ave-----	798-9769/9786
CIPBO	Bldg. 5210; 8 th & Desert Storm-----	798-4909
Contract Management Branch	Bldg. 3709; Polk Road-----	798-5514
Convenience Center	Bldg. 6802 Airborne St & A Shau Valley Rd-----	798-5695
DLA Disposition Services-Campbell (formerly DRMO)	-----	See below
DLA Environmental	Bldg. 5217; 8 th & Oregon Ave-----	843-214-8660
DPW Contract Management	Bldg. 3709; Polk Road-----	798-5514
DPW Electrical Maintenance	Bldg. 3709; Polk Road-----	798-5208
DPW Heating/Refrigeration	Bldg. 3709; Polk Road-----	798-9704
DPW Landfill	Bldg. 6695 101 st Airborne Division Road-----	956-2798

DPW Environmental Division

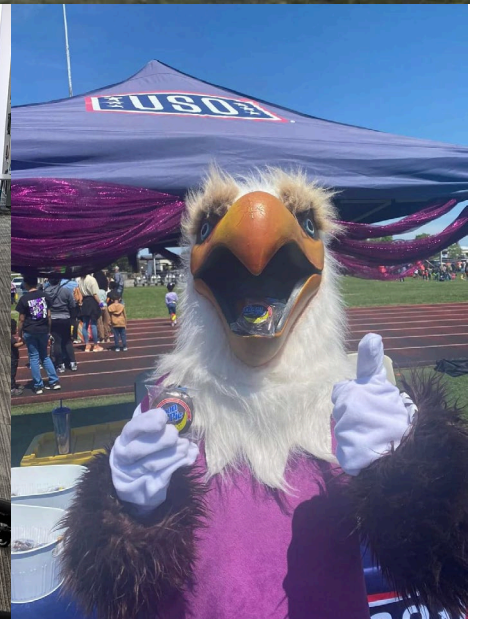
Ag Lease/Natural Resources	Bldg. 7610; East End Road-----	461-2244
Air	Bldg. 3709; Polk Road-----	798-9603/9827
Asbestos/Lead/Radon/PCB's	Bldg. 3709; Polk Road-----	798-9604/9635
Compliance Branch	Bldg. 3709; Polk Road-----	798-2877
Conservation Branch	Bldg. 7610; East End Road-----	412-9861
Cultural Resources	Bldg. 7610; East End Road-----	412-8174
Education/EQO	Bldg. 5134; 2nd & Wickham Ave-----	798-9769/9595
Endangered Species/Wetlands	Bldg. 7610; East End Road-----	798-9855
Forestry	Bldg. 7610; East End Road-----	798-2616
Hazmat	Bldg. 5134; 2nd & Wickham Ave-----	798-9769/1157
Hazardous Waste	Bldg. 5134; 2nd & Wickham Ave-----	798-9786/9790
Hunting and Fishing	Bldg. 7610; East End Road-----	798-9854
NEPA	Bldg. 3709; Polk Road-----	798-9784/ 9640
Pollution Prevention Branch	Bldg. 5134; 2nd & Wickham Ave-----	798-9767
P2 Hand Receipt Holder	Bldg. 5134; 2nd & Wickham Ave-----	798-9767
QRP Manager	Bldg. 3709; Polk Road-----	798-9618
Restoration	Bldg. 5134; 2nd & Wickham Ave-----	798-9768/9770
Storm Water/Ground Water	Bldg. 3709; Polk Road-----	798-9858/9639
Spill Response/Storage Tank	Bldg. 3709; Polk Road-----	798-9637/9601
Solid Waste/Recycling	Bldg. 5134; 2nd & Wickham Ave-----	798-9771
TSCA	Bldg. 3709; Polk Road-----	798-9604/9635

DPW Engineering Branch	Bldg. 3709; Polk Road -----	798-7213/9705
DPW FMT SD (Self Help)	Bldg. 3709; Polk Road-----	798-9722
DPW Service Orders	Bldg. 3709; Polk Road -----	798-1200
DPW Supply	Bldg. 5122; 3 rd & Wickham Ave -----	798-2719
DPW Troop Self Help	Bldg. 5122; 3 rd & Wickham Ave-----	798-7488
DPW Work Mgmt. Branch	Bldg. 3709; Polk Road-----	798-9722
Division Security Chief,	Bldg. 6923 Desert Storm Ave -----	956-1612
EOD 24 Hour Response #-----		270-798-7173
Eagle Mart	Bldg. 5210; Desert Storm -----	931-431-4311
FC Family Housing	Bldg. 2702 Georgia Ave -----	270-798-3808
Ft. Campbell Dep Schools	1110 Falcon Loop -----	931-431-6918
Fire Department Station 3	Bldgs. 7160; G Avenue Campbell Airfield-----	798-5727
Fuel Point (COCO Station)	Air Assault St -----	931-431-9928
Game Warden	(For Emergency: MP's 798-7111) -----	931-472-8730 / 931264-1069
IMSA Building 2434-----		798-2434
Installation Safety Office Bldg. 6074 Screaming Eagle-----		798-4228/6995
Installation Pest Mgmt.	Bldg. 5111; 3 rd & Wickham Ave-----	798-3110
iSportsman-----		798-9824
ITAM Program Manager (Dig Permits) Bldg. 6085; SEB/A Shau -----		956-1778
JACOBS (Purging)	Bldg. 1746; 1st & Kentucky Ave -----	931 431-5677/2036

Pollution Prevention Operations Center

PPOC Antifreeze Support	Bldg. 5209; Desert Storm & Oregon Ave -----	798-2814
PPOC Battery Program/UBL	Bldg. 5133; 2nd & Wickham Ave -----	798-9765/9791
PPOC Battery Turn-in	Bldg. 5133; 2nd & Wickham Ave -----	798-9765
PPOC Contingency/UBL	Bldg. 5136; 2nd & Wickham Ave -----	798-3924
PPOC Fire Extinguishers	Bldg. 5209; Desert Storm & Oregon Ave -----	956-1420
PPOC HazWaste Pick-Up /	Bldg. 5132/5134; 2nd & Wickham Ave-----	1-918-264-0822 /798-9790
Used Antifreeze Pick Up	Cell Phone-----	1-918-264-0822 /798-9790
Used Oil Pump Truck	Cell Phone-----	1-918-264-1673 /798-9790
PPOC Parts Washer Support	Bldg. 5209; Desert Storm & Oregon Ave -----	798-2022
PPOC Refrigerant Support	Bldg. 5209; Desert Storm & Oregon Ave -----	798-2814
PPOC Services	Bldg. 5133; 2nd & Wickham Ave -----	270-412-7962 / 798-1157
PPOC Supply Warehouse	Bldg. 5134; 2nd & Wickham Ave -----	412-7962
PPOC Support	Bldg. 5134; 2nd & Wickham Ave -----	270-412-7962 / 798-1157
PPOC Team Leader	Bldg. 5136; 2nd & Wickham Ave -----	798-1157
Preventive Med (Respiratory Prot.)	Bldg. 2576; 23 rd & Indiana Ave-----	956-0113
Preventive Med (Industrial Hygiene)	Bldg. 6903; Desert Storm -----	412-5034
Radiation Safety (Garrison)	Bldg. 6074 Screaming Eagle -----	956-0876
Range Control	Bldg. 6017; Screaming Eagle-----	798-3001
SSA (Supply Support Activity)		
1 BCT	-----	956-2785/2632
2 BCT	-----	412-5991
3 BCT	-----	798-1159
101 CAB	-----	798-2919
Sustainment BDE	-----	798-9178
Tennessee One-Call	http://call811.com/map-page/tennessee -----	811 or 1-800-351-1111

Recycling Dollars at Work



Legend





- Env. LOI
- Bldgs
- Road Area
- State Line
- Installation Boundary





PPOC (270) 798-9769/9595

- ITAM / Range Control (6085/6087)
- Troop Self Help (5122)
- Troop Self Help/Hazmat (5135)
- Environmental Division Compliance Branch (3709)
- Environmental Division Pollution Prevention Branch (5134)
- Convenience Center (6802)
- South Wash Rack (6001)
- DLA Disposition Services - Campbell (Formerly DRMO) (5217)
- PPOC, 2nd St & Wickham Ave (5133)
- Environmental Division Forestry (7604)
- Antifreeze / Vehicle Fire Extinguisher / Refrigerant (5209)

- 1** ITAM / Range Control
(6085/6087)
- 2** Troop Self Help (5122)
- 3** Troop Self Help/Hazmat
(5135)
- 4** Environmental Division
Compliance Branch (3709)
- 5** Environmental Division
Pollution Prevention Branch
(5134)
- 6** Convenience Center
(6802)
- 7** South Wash Rack (6001)
- 8** DLA Disposition Services -
Campbell (Formerly DRMO)
(5217)
- 9** PPOC, 2nd St & Wickham
Ave (5133)
- 10** Environmental Division
Forestry (7604)
- 11** Antifreeze / Vehicle Fire
Extinguisher / Refrigerant
(5209)

**11 Antifreeze / Vehicle Fire
Extinguisher / Refrigerant
(5209)**

 Env. LOI
 Bldgs
 Road Area
 State Line
 Installation Boundary

 Env. LOI
 Bldgs
 Road Area
 State Line
 Installation Boundary

0 0.25 0.5 1 Miles