SOLID WASTE AND RECYCLING MANAGEMENT ENVIRONMENTAL MANAGEMENT PROCEDURE (EMP) 4.4.6.7

JBLE-EUSTIS



25 June 2020 (Revised 08 July 2022)



TO THE SOUTH OF TH

DEPARTMENT OF THE AIR FORCE HEADQUARTERS 633D AIR BASE WING JOINT BASE LANGLEY-EUSTIS VA

OFFICE OF THE COMMANDER

MEMORANDUM FOR ALL 733 MSG UNITS AND FEVA ORGS

SUBJECT: JBLE-Eustis Environmental Management Procedures (EMPs)

- 1. EMPs apply to all JBLE-Eustis activities (including tenants, associated units, and contractors) that impact any environmental resource area on the installation, to include, but not limited to Air Quality, Water Quality, Hazardous Waste, Hazardous Materials, Natural Resources, Cultural Resources, Solid Waste and Recycling, Inspections, Training, Tanks, Spill Prevention, Pollution Prevention, and Pest Management.
 - a. EMPs enable our compliance with Federal, State, Department of Defense, and Air Force regulations, directives, instructions, and manuals, and are specific to JBLE-Eustis.
 - b. EMPs assign responsibilities, provide instruction and guidance for appropriate management of environmental programs to ensure the installations regulatory compliance.
- 2. JBLE-Eustis personnel may access these EMPs electronically via the Environmental Management Procedures section of the JBLE-Eustis Environmental website at: https://www.jble.af.mil/Units/Army/Eustis-Environmental/ under Environmental Management Procedures (EMPs), EMP Library.
- 3. The Office of Primary Responsibility for this document is 733d Civil Engineer Squadron Environmental Element (733 CES/CEIE), and will review all EMPs annually, and update as appropriate. Major revisions require concurrence from the JBLE-Eustis Environmental Management System (EMS) Cross-Functional Team (CFT) and approval by the Environmental Safety and Occupational Health Council (ESOHC).
- 4. All EMPs are unclassified and will be posted in "Read Only" .pdf format, reviewed, revised and rescinded IAW current directives.



HARRY D. HUNG, Colonel, USA Vice Commander

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Environmental Management Procedure (EMP) 4.4.6.7

SECTION: 4.4.6.7

SUBJECT: Solid Waste and Recycling Management (SWRM)

PURPOSE AND POLICY:

- A. Purpose: This EMP establishes the procedures to implement a policy for managing Solid Wastes (SW) and Recyclables generated or managed by tenant activities and operations on JBLE-Eustis.
- B. Policy: Comply with legally applicable Federal, State, and Local requirements, both substantive and procedural, for managing SW, including generation, collection, storage, and disposal of Solid Wastes by efficiently and effectively managing the generation, collection, storage, and disposal of non-hazardous SW to meet or exceed established metrics through continuously examining new methodologies.

DOCUMENT CONTROL: This is a controlled document. Controlled documents are updated as required, reviewed at least annually, and re-dated if changed. Any documents to include blank forms appearing in paper form are not controlled and should be checked against the file version before use on the:

JBLE – Eustis Environmental website: http://www.jble.af.mil/Units/Army/Eustis-Environmental/

REFERENCES:

- A. AFMAN 32-7002, Environmental Compliance and Pollution Prevention
- B. JBLE Solid Waste Management Plan

SCOPE: This EMP applies to all activities and personnel, including military, civilians, vendors, suppliers, and contractor personnel who enter JBLE-Eustis.

ROLES AND RESPONSIBILITIES:

- A. 733d Civil Engineer Squadron (CES):
 - (1). Provides personnel and funding for management and operation of the SW and Recycling program.
 - (2). Manages the SW and Recycling Program.
 - (3). Operates the Solid Waste and Recycle Center (SWRC).
 - (4). Maintains statistical data on the SW and Recycling operations.

B. Activities:

- (1). Provide personnel and resources for SW diversion and recycling from Activity operations and facilities.
- (2). Maximize SW and Recycling diversion to prevent pollution.

PROCEDURES:

- A. The 733 CES Operations and Maintenance Flight (CEO) will:
 - (1). Perform quality assurance over the contract operation of the SWRC. The Contractor will operate in accordance with the JBLE Refuse and Recycling contract.
 - (2). Act as the Contracting Officer's Representative (COR) for the installation of SW Contract.
 - (3). Maintain SW and recycling data and submit as required to meet Air Force (AF) reporting requirements.
 - (4). Participate in the Environmental Management System (EMS), Solid Waste/Qualified Recycling Program (QRP) subcommittee, which reports to the quarterly Cross-Functional Team (CFT).
 - (5). Develop a dumpster inspection program to examine all dumpsters each quarter.
- B. The 733 CES Environmental Element (CEIE) will:
 - (1). Annually develop, in conjunction with the CEO, plans and metrics to meet or exceed established goals for SW diversion and recycling.
 - (2). Prepare and submit solid waste reports to meet AF requirements.
 - (3). Conduct dumpster inspections to determine the effectiveness of recycling programs.
 - (4). Conduct Pollution Prevention Opportunity Assessments as necessary to evaluate specific commodities or all or part of the recycling program for improvements to increase effectiveness or efficiency.
 - (5). Conduct annual inspections of installation Activity SW and recycling programs to ensure compliance and to improve the program.

C. Installation Solid Waste contractor will:

- (1). Operate the SWRC in accordance with the existing contract. Environmental Management Procedures will document specific Refuse Collection and Recycling procedures developed by the Contractor under the contract terms.
- (2). Provide SW and recycling technical support, analysis, and recommendations per the contract.
- (3). Maintain certification and required licenses for transportation of SW and recyclables in accordance with the requirements of the Department of Transportation, Environmental Protection Agency, and Virginia Department of Environmental Quality regulations.

D. Activities will:

- (1). Appoint and train Building Recycling and Energy Monitors (BREM) IAW EMP 4.4.2 Environmental Awareness and Competency Training.
 - (a). Each occupied building will have a primary and alternate BREM.
 - (b). Depending on the size and complexity of the occupied building and operations, Recycling Coordinators (RC) may be appointed to assist the BREM.
 - (c). Non-permanently occupied buildings or facilities will have an assigned BREM to ensure wastes are appropriately managed when generated. The BREM can be assigned more than one of these buildings or facilities.
 - (d). Activity Environmental Coordinators (AEC) will maintain a list of all BREMs and ensure their training.
- (2). Will use Solid Waste & Recycling Disposition Guide to help determine the correct disposition of SW, Hazardous Wastes (HW), Non-Hazardous Wastes (NHW), Universal Wastes (UW), Recyclables, and other materials.
- (3). Develop a Solid Waste Minimization & Recycling (SWMR) Plan to manage the Activity's SW and Recyclable actively.
 - (a). SWMR Plan must be:
 - i. Reviewed and updated at least annually by the AEC.
 - ii. Signed by the Commander or Director having AEC appointment authority.

- iii. A copy will be maintained at each appropriate Functional Area (FA) with the Functional Area Continuity Book (FACB).
- (b). The purpose of the SWMR Plan is to:
 - i. Maximize diversion of SW.
 - ii. Maximize recycling.
 - iii. Prevent incorrect disposal of Hazardous Materials (HM).
 - iv. Prevent incorrect disposal of HW.
 - v. Properly maintain collection SW and recycling storage areas.
 - vi. Prevent pollution.
- (c). The SWMR Plan will include:
 - i. Measures to champion recycling and diversion efforts through command information channels such as:
 - a. Command guidance.
 - b. Bulletin boards.
 - c. Posters.
 - ii. Efforts to ensure maximum participation by all Activity personnel.
 - iii. Identify and list by building or facility all:
 - a. SW.
 - b. Recyclables.
 - iv. Analyze the Activity waste streams to determine if other SW can be recycled or diverted.
 - v. Appointing and training of BREM.
 - vi. Building BREM duties include, but are not limited to:
 - a. Serves as the POC for all building or facility SW and recycling issues.
 - b. Keep building occupants, and AEC informed on all SW and recycling matters.

- c. Coordinate communications between their building or facility and the AEC.
- d. Ensure that SW and recyclables are:
 - 1. Properly managed.
 - 2. Ready for pickup.
- e. Ensure that SW and recycling areas are neat and orderly.
- f. Coordinate with the SWRC for specific procedures.
- g. Maintains and coordinates a copy of the SWMR Plan with the AEC.
- vii. Schedules of pickups for buildings or facilities:
 - a. SW dumpsters.
 - b. Cardboard containers.
 - c. Recycling mobile toters.
 - d. Roll-off boxes.
- (4). Establish accumulation areas for SW and recyclable materials (RM) as appropriate in accordance with:
 - (a). Section 4.4.6.7.2, Collection, Disposition, and Reporting of Solid Waste and Recyclable Materials.
 - (b). Section 4.4.6.7.2.1, Solid Waste and Recycling from Maintenance Operations.
- (5). Transportation of SW and RM to the SWRC as required. Transportation requirements are:
 - (a). Government or licensed contractor vehicles should be used.
 - (b). Safety equipment as required.
 - (c). Secure loads.
- (6). Post Dumpsters are for government-generated SW only. Housing areas, to include off Post wastes, are NOT government-generated SW. On Post disposition:

- (a). Is considered misappropriation of government funds.
- (b). Depending on the materials, HW violations may occur.

SECTION: 4.4.6.7.1

SUBJECT: Solid Waste and Recycling Disposition Guide

PROCEDURES: A listing of materials, location for proper turn-in/disposal, and special handling procedures may be found in the EMP Library, Solid Waste & Recycling EMP section on the CES/CEIE website https://www.jble.af.mil/Units/Army/Eustis-Environmental/.

SECTION: 4.4.6.7.2

SUBJECT: Collection, Disposition, and Reporting of Solid Waste and Recyclable Materials

PURPOSE: This section establishes the procedures for the Installations collection of SW and RM and the reporting of SW and RM management from:

- A. Offices and Admin Areas.
- B. Individual use.
- C. Maintenance operations.
- D. Construction and Demolition (C & D) Wastes.
- E. Activities not using the SWRC.

ROLES AND RESPONSIBILITIES:

A. CEO will:

- (1). Program resource requirements to manage the collection of SW and recyclables.
- (2). Operate a centralized SWRC IAW EMP 4.4.6.7.
- (3). The SWRC executes through the contract the collection, diversion, and disposition of SW and the collection and disposition of recyclable materials.
- (4). Inspect storage and accumulation areas periodically to ensure proper container management.
- (5). Track and collect SW and recycling program data.

(6). Ensure SW and recycling accumulation sites are included in an inspection by the Safety Office, Fire and Emergencies Services, and Preventive Medicine and Industrial Hygiene.

B. CEIE will:

- (1). Periodically inspect the SW and recycling collection operations for compliance with environmental regulations.
- (2). Develop and deliver SW and recycling awareness training for all installation personnel.
- (3). Conduct SW and recycling program analysis for effectiveness and efficiency and to identify new commodities for diversion from the waste stream.
- (4). Provide technical oversight and assistance to the SW and recycling programs.
- (5). Conduct SW and recycling information outreach using all appropriate media.

C. The SW and Recycling Contractor:

- (1). Operate the SWRC in accordance with the contract.
- (2). Notify the COR or CEO of safety and operational issues for resolution.
- (3). Partner with CEO to continually improve SWRC operations.

D. Activities will:

- (1). Ensure all non-routine SW and recycle services offered by the SWRC are scheduled and coordinated at least two (2) working days in advance.
- (2). Ensure all SW and recycling accumulation areas meet applicable health, safety, and fire regulations.
- (3). Ensure SW and recycling accumulation areas are listed on the Activity's Facilities and Operations Inventory, FEVA Form 32-600 (located on the EMP Library Page of the CES/CEIE Webpage (https://www.jble.af.mil/About-Us/Units/Ft-Eustis/Eustis-Environmental/EMPs/ under the Forms Section.
- (4). Ensure all personnel knows that wastes from off Post or Family Housing should not be disposed of in Post dumpsters, roll-off boxes, or other waste accumulation areas. Recyclable materials such as paper, magazines, cardboard, and metal may be brought to the SWRC.
- (5). Ensure Building BREMs coordinate with the SWRC and take a tour of the facility.

During the facility visit, the BREMS will:

- (a). Have their appointments signed by the SWRC Manager.
- (b). Determine the dates of pickups for
 - i. Cardboard containers
 - ii. Dumpsters.
- (6). Continually remind activity personnel through announcements, signage, and area checks to actively recycle and place commodities in the proper containers.
- (7). Activities and individuals must try to divert nonhazardous SW from the waste stream.
- (8). Ensure that Recycling Toter, Cardboard container, dumpster, and roll-off box locations are free of obstructions that would prevent pickup or emptying.

PROCEDURES:

- A. Section 4.4.6.7.1 Solid Waste & Recycling Disposition Guide, located in the EMP Library, Solid Waste & Recycling EMP section on the CES/CEIE website, https://www.jble.af.mil/Units/Army/Eustis-Environmental/, should be utilized as a reference guide to determine the correct category for SW and RM for containment, transport, and proper disposal. The guide also states any special handling and breakdown procedures that might be necessary. You may need to refer to specific EMPs on additional special handling instructions.
- B. Activity Recycling Accumulation areas:
 - (1). Activities should establish "Recycling Accumulation Areas" in locations to promote recycling and ease of use.
 - (2). "Recycling Accumulation Areas" should be established in the following areas:
 - (a). Each office, admin building, or floor where personnel work or conduct operations.
 - (b). Each classroom or centralized break area for students.
 - (c). Barracks buildings and floors.
 - (d). Motor pools.
 - (e). Near copiers and printers.
 - (3). "Recycling Accumulation Areas" should have a sufficient number of bins for the volume/weight of recyclables expected and to accumulate commodities not collected weekly by the SWRC.
- C. Housekeeping: SW and recycling collection areas will be kept clean and orderly.

- D. Single Stream Recycling from Offices, Admin Areas, and Individual use:
 - (1).90-gallon Recycling Totters will be used as shown below:
 - (a). Activity employees must transfer recyclable materials from workplace collection bins to the totters.
 - (b). Activity is required to move the totters to a location coordinated with the SWRC contractor outside the building (i.e., curbside, driveway, or doorway) by close of business each Monday.
 - (c). The SWRC contractor will collect recyclables from totters each Tuesday.
 - (2). The following materials can be combined (co-mingled) in the same Recycling Totter:

Office Paper Fiber Board (Cereal Boxes) Magazines
Envelopes Wrapping Paper Phone Books
Writing Paper Paper Bags Newspapers
Forms Unwanted Mail Catalogs

Glass Bottles (Tops Removed)

*Aluminum

Cans

Invoices

Plastic Bottles (No. 1 and No. 2, only) Empty & Tops Removed, Tops can go in Totes *Steel/Tin Cans (Small Food types less than 1 gallon) – Should be rinsed to remove food residues

(3). The following materials **CAN NOT** be placed in the totters:

HW, UW, NHW, or HM

Containers of Liquids or other Chemical Products (Motor Oil, Aerosol Cans, Paint Cans, etc.)

Trash, Garbage, Refuse *Plastic Bags Diapers
Wood Products Yard Waste Batteries

Shredded Paper Fluorescent or Projector bulbs Cardboard

Boxes

E – Wastes (CD/DVDs, Magnetic Media, etc.) MREs

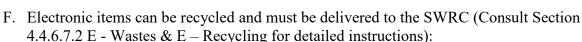
*Plastic Bags can be collected and dropped off at the SWRC.

- (a). Shredded Paper must be bagged in clear plastic bags and will be collected every Tuesday.
 - i. **<u>DO NOT</u>** shred metal staples, CDs, DVDs, etc., in-office shredders!
 - ii. Shredded paper mixed with shredded CDs, DVDs, or other objects cannot be recycled and must be disposed of.

(b). Other materials unsuitable for the 90-gallon totters must be delivered to the SWRC by Activities.

E. Cardboard Recycling Containers:

- (1). Containers will be free of all materials except cardboard.
- (2). Cardboard Recycling Containers will be located by the contractor to promote ease of use by Activity personnel.
- (3). Containers will be closed at all times.
- (4). Lids or sliding side doors that are damaged or missing will be reported to the SWRC for repair.
- (5). Cardboard boxes must be flattened.
- (6). Cardboard Recycling Containers will not be emptied if they contain anything other than cardboard.



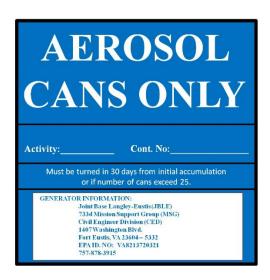
- (1). Hard drives
- (2). Circuit boards These are separated or deconstructed from other electronic equipment (some of these may be controlled items and must be cleared through ISD).
- (3). CDS/DVDs
- (4). Magnetic storage items
- G. HW, UW, and NHW:
 - (1). HW and NHW will be managed IAW the JBLE-E Hazardous Waste Management Plan (HWMP)
 - (2). UW Batteries and Lamps can be recycled and will be managed IAW the JBLE-E HWMP. These items should be delivered to the Hazardous Waste Accumulation Facility (HWAF):
- H. HM will be managed IAW EMP 4.4.6.6 Installation Hazardous Materials Program.

I. Fire Extinguishers:

(1). The Ability One–Base Supply Center (BSC) will accept expired/used extinguishers (Types ABC) for a one-for-one exchange at a flat rate replacement cost, no matter the size. The Ability One BSC is located at 1607 Patch Road, Fort Eustis; telephone 757-847-3110; Hours of operation are Monday-Friday, 0730-1500 hours, closed on Holidays. No extinguishers will be left outside of the building after hours.



- (2). Activities will use Section 4.4.6.7.2.2 Fire Extinguisher Turn-in Document (also located on the EMP Library page, https://www.jble.af.mil/About-Us/Units/Ft-Eustis/Eustis-Environmental/EMPs/, under the Forms Section) for all turn-ins and must follow the instructions attached.
- (3). If a Fire Extinguisher is not acceptable for turn-in at the BSC, the Turn-in document must show that the BSC rejected the item. Turn-in will then be IAW the JBLE-E Hazardous Waste Management Plan. No extinguishers will be left outside of the building after hours.
- (4). The BSC will report by the 10th month the total number and weight of Fire Extinguishers turned in every quarter.
- J. Aerosol Can Management: Establishes procedures for managing Aerosol Cans that are empty, non-empty, non-functional, used, or no longer needed by an Activity.
 - (1). Requirements for Aerosol Can accumulation areas:
 - (a). Must be correctly cited where a spill or leak of aerosol can contents would not constitute a discharge of wastes to surface waters, storm drains, or the sanitary sewage system.
 - (b). Containers must be protected from the environment (rain, snow, etc.).
 - (c). Ensure each location will be identified on the Activity's Facilities and Operations Inventory FEVA Form 32-600 (located on the EMP Library Page of the CES/CEIE Webpage (https://www.jble.af.mil/About-Us/Units/Ft-Eustis/Eustis-Environmental/EMPs/ under the Forms Section.
 - (d). Good housekeeping will be maintained at all times.
 - (2). Requirements for Aerosol Can Containers:
 - (a). All containers of aerosol cans must be properly labeled at all times. A standardized label must be used and state the following "Aerosol Cans Only."



- (b). Labels and markings must be replaced if they become damaged or lost.
- (c). If a container is not in good condition (signs of bulges, damage, corrosion, etc.) or begins to leak, the contents will be transferred to an approved serviceable container immediately.
- (d). A container must always be closed during storage except when it is necessary to add or remove aerosol cans.
- (e). Aerosol cans must be handled to prevent the release of their contents, e.g., plastic caps to remain on cans, or if the lid is missing, the push nozzle will be removed.
- (f). Containers will be used to hold aerosol cans only and will not be reused for other purposes.
- (g). Aerosol cans must not be disposed of in "Dumpsters," recyclable containers, or other trash containers.
- (3). Acquisition of aerosol can containers and labels:
 - (a). The HWAF will provide pre-labeled containers for aerosol cans. The HWAF will also issue a partially completed Container Contents Log (CCL) for each container.
 - (b). A CCL must be kept for each container of aerosol cans. The HWAF will issue all container numbers.
- (4). Aerosol container turn-ins:
 - (a). Aerosol containers will be turned in at the HWAF.

- (b). Must be turned in within 30 days of the date of initial accumulation as indicated on the CCL or if the number of cans exceeds 25.
- (c). The CCL will be used as the turn-in document.
- (d). The AEC, HWC, or UEC must sign the certification (Block 31 on the CCL) that the contents are true and accurate when ready to be turned in.
- K. Meals Ready to Eat (MREs) turn-ins:
 - (1). Unused MRE Heaters are a reactive HW and must be handled IAW the JBLE-E HWMP. Heaters must be separated from the rest of the MRE package before turn-in at the HWAF.
 - (2). The Unused or Unopened non-hazardous portion of the MRE must be turned in at the SWRC:
 - (a). All cardboard and other recyclable packaging must be separated from the packaged foodstuffs and recycled.
 - (b). All unopened food packages will only be turned in at the SWRC to prevent scavenging or misuse.
 - (c). The SWRC requires prior coordination for quantities equivalent to five (5) MRE cases or more.
- L. All furniture disposition must be approved by the Installation Property Book Office (IPBO), B1608 (878-3381 or 878-4115).
 - (1). Prior coordination is required for turn-ins of greater than 15 items. Large turn-ins from office renovations, relocations, etc., must be accomplished at least 60 days in advance.
 - (2). Furniture items that cannot be turned in to the IPBO must be delivered to the SWRC for recycling and disposal:
 - (a). Activities must have an IPBO signed turn-in documents before turning materials in at the SWRC.
 - (b). Activities must disassemble furniture items and be separated by type of construction material (i.e., wood, metal, plastic, and cloth).
 - (c). Activities must deliver furniture items to the SWRC for recycling or disposal.

M. Post Dumpsters and Roll-Off Boxes:

- (1). Dumpsters. These are generally eight cubic yard dumpsters with two (2) flip-open lids and brown.
- (a). They should also have the Blue "No Recyclables" and the Yellow "No Hazardous Waste Labels." If labels are damaged or missing, report this to the SWRC.
- (b). These are for Post TRASH only, not TRASH from off Post or Family Housing. Illegal disposal should be reported to the MPs.
- (c). These are located throughout the installation, and there may be more than one location.
- (d). Collection of SW occurs from dumpsters on a set schedule but at least weekly.
- (e). Activities requiring additional dumpsters for special projects or events must notify the SWRC st five (5) days in advance. The site location of the waste container and a collection schedule will be coordinated.
- (f). Dumpsters will be closed at all times.
- (g). Damaged or missing lids should be reported to the SWRC for repair.
- (h). Dumpsters will not be emptied that contain recyclables or other prohibited items:
 - i. HW
 - ii. UW Batteries, Lamps
 - iii. NHW (Motor Oil, Aerosol Cans, Paint Cans, etc.)
 - iv. HM
 - v. Containers of Liquids or other Chemical Products
 - vi. Yard Waste
 - vii. Recyclables: Shredded Paper, Cardboard Boxes, metal, white paper, newspaper, manuals, etc.
 - viii. E Wastes (CD/DVDs, Magnetic Media, etc.)
 - ix. MREs or MRE Heaters
- (2). Roll-Off Boxes. These are larger containers from 10 to 40 cubic yards.
 - (a). Roll-Off Boxes in Maintenance Areas:
 - i. They are meant for specific uses, such as scrap metal, which is being recycled; wood pieces generally larger than 3 feet; palettes, used or broken wooden furniture; etc.
 - ii. Each roll-off box should have a sign indicating what can be put.
 - iii. Do Not Put Something Other Than What's Indicated.
 - iv. Roll-Off Boxes will not be emptied that contain materials other than the ones



for their intended purpose (See (1). (h) above).

- (b). Roll-Off Boxes in other locations: These roll-off boxes are usually found at construction sites.
 - i. They are for contractor use only and are paid by the contractor.
 - ii. Do Not Use unless you are the contractor.
 - iii. Sometimes, roll-offs are positioned at various locations and requested by an Activity for a specific project. Do Not Use it if you aren't part of that project or Activity.
 - iv. Activities requiring a roll-off box for special projects or events must notify the SWRC five (5) days in advance. The site location of the waste container and a collection schedule will be coordinated.
 - v. Roll-Off Boxes will not be emptied that contain materials other than the ones for their intended purpose (See (1). (h) above).
- N. Containers and transportation of SW and RM containers. The following applies to all containers. Some containers have more restrictive requirements, such as HMs, HW, UW, NHW, etc., as listed above:
 - (1). Containers are generally defined as any portable or movable device which accumulates, stores, or is used to move materials.
 - (a). Small containers are less than 119 gallons and include but are not limited to: cans, boxes, buckets, drums, etc.
 - (b). Large containers are greater than 119 gallons and include but are not limited to: rail cars, trucks, shipping containers, connex boxes, Milvans, trailers, etc. Large containers on installation for more than 24 hours will have the following signs or labels:
 - i. Name of owner or local organization.
 - ii. Address of owner or local organization.
 - iii. Individual name or point of contact of the owner or local organization.
 - iv. Telephone number of the owner or local organization.
 - v. Large containers not correctly labeled will be reported to the Military Police as Unknown or Abandoned Containers.
 - (2). All containers, both large and small, must meet the following minimum standards:
 - (a). Must be in good condition (no signs of leakage, bulges, damage, excessive rust or corrosion, etc.).
 - i. Must be able to contain any accumulated liquids during storage or

movement.

- ii. Leaking containers will have their contents transferred to serviceable containers or fixed immediately.
- iii. Containers that leak, causing staining, including rust of hardstands or other natural resources, will be cleaned up at the owner's cost.
- (b). Must always be closed except when it is necessary to add or remove materials to:
 - i. Prevent the accumulation of stormwater, or
 - ii. Deter unauthorized usage.
- (c). Must not be located at or near storm drains or other stormwater Best Management Practices (BMPs).
- (d). Small containers must be kept on pallets if not using containment pallets.
- (2). All containers have an intended purpose:
 - (a). Specifically for the contents specified on the label or sign, and
 - (b). By the owner, supported facility, or group.
 - i. Other personnel and organizations are not allowed to use these containers and will be required to remove the offending materials or reimburse the owner for restoration.
 - ii. Active containers should be visibly inspected daily to ensure misuse.
 - iii. Misuse must be reported to the MPs immediately upon discovery, or the offending materials become the responsibility of the owner, supported facility, or group.
- (3). Transportation of all materials is required to prevent:
 - (a). The unwanted spread of contamination.
 - (b). An illicit stormwater illicit discharge.
- (4). Transport vehicles:
 - (a). Trucks and other vehicles for over-the-road work by bringing materials onto the installation; taking materials off the installation; or moving materials on the installation being used to transport soil/dirt or other materials which:

- i. Could be blown off. The vehicle must be covered.
- ii. Fall from the transport vehicle during transport must be at least "Broom Clean."
- iii. Could leak liquids cannot be transported.
- (b). Off-road or other material moving equipment being used to move solids on the installation must:
 - i. Immediately recover or clean up any spilled materials to prevent illicit stormwater discharges.
 - ii. At the end of the shift or by the end of the day, clean up spilled materials that didn't immediately impact stormwater.
 - iii. During rain events, all materials must be cleaned up immediately to prevent an illicit discharge.
- (c). Clean-up operations must prevent fugitive emissions, e.g., windblown dust clouds, etc.
- O. There are unique solid wastes and recyclable items from Maintenance Operations such as Used Oil, Filters, Tires, and Off-Spec Fuel. Use Section 4.4.6.7.2.1 Solid Waste and Recycling from Maintenance Operations for specific instructions. If these materials are not covered in this section, then contact the SWRC or CEO.

P. Reporting

- (1). For specific instructions, C & D wastes must be reported to CEIE quarterly by the respective contractor IAW Section 4.4.6.7.2.3, Reporting of Construction and Demolition (C & D) Waste Generation and Recycling.
- (2). Activities not using the SWRC must report tonnages of SW and recycle quarterly to CEIE IAW Section 4.4.6.7.2.4, Solid Waste Generation & Recycling Report FEVA Form 32-676 from Activities not using the Solid Waste, Recycling Center (SWRC) for specific instructions.

SECTION: 4.4.6.7.2.1

SUBJECT: Collection of Solid Waste and Recycling from Maintenance Operations

PROCEDURES:

A. Used Oil, Antifreeze, Off-Spec Fuel:

Used Oil, Antifreeze, and Off-Spec Fuel containers should be stored in a Non-Hazardous Waste Accumulation Site (NHS) IAW JBLE-E HWMP.

- (1). Single containers of up to 55 gallons of Used Oil, Antifreeze, and Off-Spec fuel may be stored without establishing an NHS. However, all requirements listed below must be met.
 - (a). Storage of more than ONE (1) container of Used Oil, Antifreeze, or Off-Spec Fuel will require an NHS.
 - (b). Breaking storage areas to circumvent the above quantity limits will not be allowed.

(2). Storage areas requirements:

- (a). Must be correctly cited where a spill or leak would not constitute a discharge to surface waters, storm drains, or the sanitary sewage system.
- (b). Must contain sufficient capacity to hold 110% of the largest volume of a single container.
- (c). Sites will be protected from the elements. Collection of rain water or any other materials in the containment unit must be containerized and treated as an HW until determined otherwise.
- (d). Containment systems will be kept clean and dry at all times.
- (e). Telephone or hand-held two-way radio capable of summoning emergency assistance from the Military Police.
- (f). Portable fire extinguishers and fire control equipment.
- (g). Spill kit and decontamination equipment must be capable and adequate to absorb the largest volume of wastes.
- (h). Outside containment systems must have a sign indicating what is stored.
- (i). Emergency Response Information: "Points of Contact" and "Telephone Numbers" will be posted at each site utilizing Emergency Notification, FEVA Poster 20-E.
- (i). Good housekeeping will be maintained at all times.
- (k). Serviceable products will not be stored in these areas.
- (3). Container requirements:

- (a). All containers must always be labeled appropriately.
 - i. Labels and markings must be replaced if they become damaged or lost.
 - ii. Labels must remain on containers until they are sufficiently cleaned of residues and purged of vapors to remove any potential hazards. They are sometimes referred to as "DOT or OHSA" empty. Not to be confused with "RCRA" empty.
 - iii. Labels and markings no longer applicable to the contents will be removed, defaced to make them unreadable, or painted over.
 - iv. Containers will be stored in such a manner that allows for easy access to container labels. Under no circumstances should containers be moved to read any label or opened to determine container contents.
- (b). If a container holding wastes is not in good condition (signs of bulges, damage, corrosion, etc.) or begins to leak, the contents will be transferred to an approved serviceable container immediately.
- (c). A container must always be closed during storage except when it is necessary to add or remove materials.
- (d). Containers of liquids must not be overfilled. Containers must have 3 to 4 inches of head space (ullage) to allow for expansion to temperature changes.
- (e). Incompatible materials will not be placed in the same container.
- (f). Containers must be compatible with the wastes being contained.
- (4). Used Oil Used oil generated at the various maintenance facilities are handled as RMs:
 - (a). All Used Oil containers and equipment MUST be clearly labeled with "Used Oil" Labels.
 - (b). Containers must be secured to ensure no unauthorized dumping of other wastes.
 - (c). It may not be stored in TSSs or SASs. It may be stored in NHS.
 - (d). Turn-ins will be coordinated with the HWAF.
- (5). Off-Specification (Off-spec) Fuel Off-spec Fuel generated at the various maintenance facilities is handled as recyclable materials:

- (a). All Off-spec Fuel containers and tanks MUST be clearly labeled with "Recyclable Materials Off-spec Fuel."
- (b). Containers must be secured to ensure no unauthorized dumping of other wastes.
- (c). It May not be stored in TSSs or SASs. It may be stored in NHS.
- (d). Turn-ins will be coordinated with the HWAF IAW and the JBLE-E HWMP.

(6). Antifreeze:

- (a). Containers used to store used antifreeze waiting to be recycled must be labeled "Recyclable Antifreeze." Never used the word "waste."
- (b). Turn-ins will be through the HWAF IAW JBLE-E HWMP.

B. Filters:

- (1). Gasoline and Edge-Tek filters from Inland Technology Parts Washers or any filter contaminated with HW constituents must be managed as HW IAW the JBLE-E HWMP.
- (2). Any filter with metal as part of its construction will be recycled.
- (3). All filters used to process liquids will be drained. Recovered non-hazardous liquids from filters will be managed as used oil (separate oils from fuels), recyclable antifreeze, or non-hazardous wastes. Filters must be drained of all fluids and separated into groups as listed below:
 - (a). Lube oil, transmission fluid, and hydraulic fluid.
 - (b). Diesel fuel, JP8.
 - (c). Antifreeze.
- (4). Containers for filter recycling will be issued from the HWAF. HWAF-issued containers may be delivered as part of normal operations. All such containers will be



- (5). Containers of filters must **not** have any absorbents added.
- (6). Containers must be turned in when complete. A CCL must be maintained for each container. The CCL will be used as the turn-in document. The following line items on the CCL must be completed:
 - (a). Items: 4, 5, 7, and 20.
 - (b). Item 21 of the CCL should list each type of filter and quantity.
- (7). Large air filters made of metal that are not contaminated can be put in roll-off boxes intended for scrap metal.
- (8). Filters with no metal content will be containerized and turned in IAW the JBLE-E HWMP.

C. Tires:

- (1). X-Large tires, usually tractor/crane types, are a unit property item and must be turned in directly to LRD supply.
- (2). The SWRC Manager must be called for all tires weighing more than 300 lbs to coordinate disposal. Do not bring these to the SWRC before coordination.

- (3). All other tires must be turned in at the SWRC. NOTE: Large loads of tires (10 or more) must be coordinated for shipment with the SWRC before turn-in, as yard storage space is limited.
- D. Smoke Alarms, Smoke Detectors, and other detectors s with radioactive sources:
 - (1). Circuit boards will be removed from the plastic or metal shielding; careful not to damage the radioactive source.
 - (2). Circuit boards with radioactive sources will be separated from other non-radioactive circuit boards and materials.
 - (3). Separated materials will be taken to the SWRC for turn-in.
 - (4). The SWRC will coordinate with the Installation Radiation Safety Officer (RSO) to pick up the radioactive materials.
- E. Fixtures containing Universal Waste (UW) Lamps or ballasts:
 - (1). UW Lamps must be separated from the fixture and managed by IAW JBLE-Eustis HWMP
 - (2). Ballasts will be separated and turned in IAW the JBLE-Eustis Hazardous Waste Management Plan (HWMP) if the ballasts contain PCBs or the PCB content cannot be determined. Non PCB ballasts may be turned in as scrap metal.
 - (3). Plastic and other nonmetal items will be separated and disposed of separately.
 - (4). Remaining metal parts may be turned in as scrap metal.
- F. Aerosol Cans will be managed IAW Section 4.4.6.7.2.
- G. Fire extinguishers will be managed IAW Section 4.4.6.7.2.
- H. Batteries will be managed IAW JBLE-Eustis HWMP.
- I. Empty Containers:
 - (1). All empty containers will be taken to the SWRC.
 - (2). Metal containers:
 - (a). Metal 5-Gallon and Smaller Empty Containers:
 - i. Punch hole as close to the rim as possible.

- ii. Ensure the container is drained of all residues as possible.
- (b). Metal Empty Containers Greater than 5 Gallon:
 - i. Do not punch holes in drums.

Ensure the container is drained of all residues as possible.

- (c). Plastic Empty Containers of Any Size:
 - i. Punch a hole as close to the bottom as possible.
 - ii. Ensure the container is drained of all residues as possible.
- (3). Containers holding paint or other sticky materials will be dried before turn-in.
- (4). Ensure all liquids drained from containers are handled appropriately as Used Oil, Used Antifreeze, off-spec fuel, or as waste IAW the JBLE-E HWMP.

SECTION: 4.4.6.7.2.2

SUBJECT: Fire Extinguisher Turn-In Instructions and Form

PROCEDURES: All Items on the Form must be completed: Use additional lines as needed. A fillable form may be found in the EMP Library on the CEIE website.

- A. Please coordinate with the Ability One–Base Supply Center (BSC) to turn in Fire Extinguishers. 1607 Patch Road; 757- 847-3110
- B. The Fire Extinguisher MUST have the Safety Pin Installed and be complete.
- C. All Fire Extinguishers MUST have the Safety Pin Installed and be Wired, taped, etc., to prevent accidental removal and discharge. If you do not have the original safety pin, use a nail or other physical method to avoid discharge. Extinguishers not safely secured will not be accepted.
- D. Fire Extinguishers, which are not acceptable at the BSC, must be turned in at the HWAF IAW the JBLE-E HWMP

SECTION: 4.4.6.7.2.3

SUBJECT: C and D Waste Generation and Recycling Report FEVA Form 32-675

PROCEDURES:

Complete instructions and a fillable form can be found in the EMP Library on the CEIE website.

SECTION: 4.4.6.7.3

SUBJECT: E – Wastes and E - Recycling

PURPOSE: This section establishes the procedures for the proper handling and disposition of

Electrical and Electronic Equipment (EEE) or E – Products; Waste Electrical and Electronic Equipment (WEEE) or E – Wastes; and E – Materials (magnetic,

optical, smoke detectors, alarms, and solid-state devices)

ROLES AND RESPONSIBILITIES:

A. CES/CEO operates the SWRC.

- B. ASA manages the installation security program and oversees Activity Security Managers.
- C. NEC manages the installation of Information Technology (IT) and oversees Activity IT Managers.
- D. LRD manages the installation supply system.
- E. Installation Safety Office (ISO) will provide Radiation Safety Officer (RSO) oversight.
- F. Activities will:
 - (1). Ensure all "Classified" materials are handled IAW appropriate security regulations.
 - (2). Ensure all For Official Use Only (FOUO) information and Controlled Unclassified Information (CUI) materials are handled IAW the appropriate security regulations.
 - (3). Ensure all government-owned surplus, obsolete, broken, or discarded Electrical and Electronic Equipment (EEE) and E-Wastes are turned in IAW this EMP.
 - (4). Ensure no disposal in the trash or other unapproved means. Disposal of E Products may be considered HW Management.
 - (5). Ensure deconstruction of all equipment before turn-in when items must be deconstructed.

PROCEDURES:

- A. All government-owned surplus, obsolete, broken, or to be discarded EEE will be:
 - (1). Handled and managed for Reuse or as RM to the maximum extent practical.

- (a). Items and containers will be labeled accordingly as RM.
- (b). Turned in within 60 days from when it's taken out of service.
- (2). Managed as HW or NHW according to the E-Waste being discarded. E-Waste generation will be reduced to the minimum amount possible.
- B. Disposition of all government-owned EEE and ancillary devices (keyboards, mice, monitors, hard drives, CD.DVD players, etc.) will be turned-in to one of the following:
 - (1).LRD Supply IAW local supply procedures if your Activity is supported by either the DOL Installation Property Book or the Supply Support Activity (SSA).
 - (a). Hard Drives (HDs) must be removed.
 - (b). Turned in separately IAW paragraphs C or D below.
 - (2).DLA.
 - (a). HDs must be removed.
 - (b). Turned in separately IAW paragraphs C or D below.
 - (3). SWRC:
 - (a). Must be deconstructed before turn-in, separating the components as follows:
 - i. Circuit boards
 - ii. HDs
 - iii. Metal
 - iv. Wiring harness and other wiring must be removed or cut from the device.
 - v. Any batteries must be removed.
 - vi. Plastic
 - vii. Glass including CRTs. CRTs must be turned-in to the HWAF.
 - viii. Wood
 - (b). Devices, such as Smoke detectors, alarms, etc.:

- i. Will not be deconstructed by the Activity turning in the devices.
- ii. May contain a radioactive source that must be separated from other devices. The RSO will make this determination.
- iii. Will be collected in a DOT-approved container. When the container is full or periodically, the SWRC will coordinate with the RSO.
- C. Disposition of Classified HDs: HDs containing "Classified" information, removed from "Classified" systems, or abandoned will be turned in to SWRC with the assistance of the NEC as follows:
 - (1). The Unit's Security Manager or authorized IMO must schedule an appointment with the NEC COMSEC Office (878-5908) for degaussing of "classified" equipment/media.
 - (2). The Unit's Security Manager or authorized IMO must complete the following forms before appointment:
 - (a). Memorandum for Record Degaussing, Section 4.4.6.7.3.1.
 - (b). Certification of Hard Drive Disposition Form, Section 4.4.6.7.3.2.
 - (3). Unit Security Manager or authorized IMO, with the assistance of the NEC, will process HDs as follows:
 - (a). Degauss the HD using approved degausser for "Classified" equipment. (Note: Once the HD is degaussed, it is considered "Unclassified" and ready for turn-in at the SWRRPC. HDs previously used in a classified environment cannot be reused as UNCLASSIFIED media outside the DoD. Degaussing of HDs causes permanent damage that prohibits their continued use. **Do Not Attempt To Reuse The HD**.
 - (b). Once the HD is degaussed, it is considered "Unclassified" and ready for turn-in at the SWRC.
 - (c). Affix "Certification of Hard Drive Disposition" form to each degaussed HD.
 - (d). The Unit Security Manager or authorized IMO is responsible for transporting and turning in HD(s) along with a copy of the "Memorandum for Record Degaussing" to SWRC.
- D. Disposition of HDs containing "Unclassified" FOUO or other CUI information will be turned in to the SWRC as follows:
 - (1). The IT Manager or Security Manager will complete the HD Turn-in document (Section 4.4.6.7.3.3) and certify that all information is accurate.

- (2). The Activity Environmental Coordinator (AEC) will check all information and certify that all information is accurate.
- (3). The IT Manager, Security Manager, AEC, Unit Environmental Coordinator (UEC), or Hazardous Waste Coordinator (HWC) will schedule a turn-in or degaussing appointment with the SWRC.
 - (a). The IT Manager, Security Manager, AEC, UEC, or HWC will need to be trained on properly using the degaussing or HD punch if this is their first turn-in.
 - (b). The IT Manager, Security Manager, AEC, UEC, or HWC will sign a waiver stating that they have received training and understand the potential hazards associated with the equipment.
 - (c). The IT Manager or Security Manager will have to provide orders or other documentation that they are the authorized IT Manager or Security Manager for the Activity.
 - (d). The IT Manager, Security Manager, AEC, UEC, or HWC will process (degauss or punch) the HDs. Degaussing of HDs causes permanent damage that prohibits their continued use.
 - (e). HDs must be deconstructed before turn-in, separating the components as follows (See Figure 1):
 - i. Metal cases.
 - ii. Other loose metal parts, screws, etc.
 - (f). The IT Manager or Security Manager will keep the copy for three (3) years.
 - (g). Abandoned, mishandled, or otherwise orphaned HDs will be reported to the appropriate authorities for investigation. This includes HDs not being handled IAW the procedures in this EPM. Abandoned or orphaned HDs will be handled as "Classified" IAW paragraph C above.

Hard Drives need to be removed from their frames before recycle, it is simple.

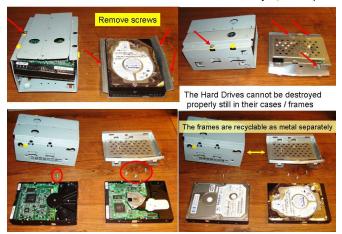


Figure 1

(4). The SWRC will:

- (a). Schedule the turn-in appointment during regular business hours depending on the SWRC workload and the number of HDs to be processed.
- (b). First-time time (IT Manager, Security Manager, AEC, UEC, or HWC) users of the equipment will be trained on its proper use and safety precautions.
- (c). The original and one copy of the HD Turn-in document will be required at the scheduled appointmentuired.
- (d). The SWRC will keep the original for three years.
- (e). The copy will be signed by the SWRC staff acknowledging receipt of the total number of HDs. The SWRC will not verify the accuracy of the information other than the total quantity.
- (f). The SWRC will package and store the processed HDs for final disposition, normally recycling.
- E. Disposition of E Materials (magnetic, optical, and solid-state devices).
 - (1). Activities must:
 - (a). Turn inn-in to the SWRC all:
 - i. Magnetic storage devices
 - ii. Optical Storage Devices (CDs, DVDs Etc.)
 - (b). Be turned in within 90 days from when it's taken out of service.

(2). Disposition of Magnetic Storage Devices:

- (a). Magnetic Storage Devices, including disks, tapes, etc., will be processed by degaussing.
- (b). Large quantities of magnetic storage devices will have to be degaussed by the IT Manager, Security Manager, AEC, UEC, or HWC. If VCR-type tapes contain no "classified," "FOUO," or "CUI" data, then they should be so marked. The certification form used for Unclassified HDs can be used to so document this fact.
- (c). All packaging, including cases, advertising inserts, cardboard or plastic jackets, and other protective materials, must be removed, or the SWRC will not pick up or accept it.
- (d). The above packaging will still be turned in but has to be separated into various components.

(3). Disposition of Optical Storage Devices:

- (a). Optical Storage Devices, including CDs, DVDs, etc., will be processed by shredding by the customer.
- (b). All packaging, including jewel cases, sleeves, advertising inserts, and other protective materials, must be removed, or the SWRC will not pick up or accept it.
- (c). The above packaging will still be turned in but has to be separated into various components.

(4). Disposition of Solid Storage Devices:

- (a). Solid State Storage Devices, including Thumb or Jump drives, Random Access Memory (RAM), Read-Only Memory (ROM), etc., will be processed by shredding.
- (b). All packaging, including jewel cases, sleeves, advertising inserts, and other protective materials, must be removed, or the SWRC will not pick up or accept it.
- (c). The above packaging will still be turned in but has to be separated into various components.

(5). Disposition of Smoke detectors, alarms, etc.:

(a). Containing a radioactive source will be removed from the SWRC by the RSO and placed into storage pending final disposition.

- (b). Non-radioactive-containing devices will be deconstructed by SWRC staff. The deconstructed devices will be separated and recycled or disposed of as required.
- F. Disposition of Other E Materials (Printer, toner, Inkjet cartridges, etc.): Activities must turn these materials into the SWRC.

SECTION: 4.4.6.7.3.1

SUBJECT: Memorandum for Record Degaussing FEVA Form 32-664

PROCEDURES: A fillable form can be found in the EMP Library on the CEIE website.

SECTION: 4.4.6.7.3.2

SUBJECT: Operation of the Manual Hard Drive Degausser

PURPOSE: This section describes the operation of the Hand Powered Hard Drive Degausser.

PROCEDURES:

A. Safety measures:

- (1). Exercise extreme caution when moving this unit.
- (2). Never attempt to lift the unit unassisted.
- (3). Never insert steel, iron, tools, or other ferromagnetic materials into the unit. Exceptions include media with small metallic components such as hard disk drives, tape cartridges, and floppy disks.
- (4). Magnetism from the unit can alter Cathode Ray Tube (CRT) displays.
- (5). Always wear eye protection and gloves when operating this unit.
- (6). Always secure and magnetic sensitive materials (i.e., ID cards, credit cards, cell phones, etc.) at least five feet away from the unit when it is in operation.
- (7). Personnel with unshielded medical devices should remain at least five feet away when operating the unit.
- B. Media-specific instructions:
 - (1). Simple preparation and loading rules apply to a few specific media forms

CAUTION: Do not load units with thin media such as 3-1/2 floppy disks. Load such press into a thicker container. Simply placing the media in several layers of paper and taping can provide adequate containment.

- (2). Intact hard drives are generally encased in outer housing; disassemble the outer housing to decrease wear and tear on the unit.
- (3). Remove all circuit boards to reduce the chance of pieces breaking off and causing operational and maintenance issues. (Removal is not required in emergencies)
- (4). For loads of small media, multiple media, and media of mixed forms, consider banding or boxing a requirement for the use of the unit.
- (5). This unit is unlikely to affect semiconductor media, i.e., Compact Flash cards.

C. Operation:

(1). Insert the operating crank into the unit, aligning the pins and ensuring the edge of the red band is **BARELY** visible.

Do not attempt to operate the unit if the 1/8-inch-wide red line is visible. Personnel injury or equipment malfunction can occur.

(2). Operate the crank in either direction to locate the media tray at either end of the unit. Stainless steel cables will be visible at the other end of the unit.

Never load media into an end where the stainless steel cable is visible.

- (3). Load the media in any orientation that it fits. "Circuit board" up direction is preferred for hard disk drives to minimize debris created by the magnetic forces of the unit.
- (4). With media loaded, rotate the crank approximately four full turns to locate the media tray at the opposite end of the unit.
- (5). Utilizing the four-finger notches in the tray, remove the media from the unit.

NOTE: There is no need to return the tray to the original empty position. Simply reload the tray with media to be degaussed and rotate the handle opposite to erase that media.

(6). After the operation, unload the tray, ensure any debris is cleared from the unit, and remove the handle for storage

D. Maintenance:

CAUTION: Never attempt to remove the covers of the unit. Removal exposes personnel to magnetic hazards, and the magnets are assembled under extreme pressure.

(1).(3000 LB of pressure between upper and lower half)

- (2). Immediately remove any debris observed in the loading tray. Adhesive tape can be used to remove small debris and dust.
- (3). Clean enclosure and tray with a soft, damp sponge or cloth. Mild soapy water may be used on those surfaces. Never use solvents or abrasive cleaners.
- (4). No lubrication is required or recommended.
- (5). If the stainless steel cable becomes loose, see the operator's manual for instructions on re-tension the cable.
- (6). If the unit needs service beyond these simple steps or you have questions or concerns regarding this product, contact Data Security Inc. at 402-434-5985 or www.datasecurityinc.com.
- E. Questions or concerns concerning the operation of this equipment or this memo can be directed to the SWRC at 878-4232.

SECTION: 4.4.6.7.3.3

SUBJECT: Unclassified Hard Drive Turn-in Document FEVA Form 32-666

PROCEDURES: A fillable form can be found in the EMP Library on the CEIE website.