

Environmental Standard Operating Procedure (ESOP)	
Polychlorinated Biphenyl (PCB) Item Disposal	
Environmental Affairs (EA): Hazardous Waste Management Branch (HWMB) (760) 830-7244	Revised: 1 October 2024

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References: (a) Integrated Contingency and Operations Plan  
(b) Marine Corps Air Ground Combat Center (MCAGCC), Hazardous Waste Operations Manual

1. Purpose. This document provides environmental protection guidelines for the disposal of PCB items.
2. Application. This guidance applies to those personnel who dispose PCB items aboard Marine Air Ground Task Force Training Command (MAGTFTC), Marine Corps Air Ground Combat Center (MCAGCC) Twentynine Palms. For further references to MAGTFTC, MCAGCC in this document, the term "installation" will be used.
3. Procedures. Because of their hazardous waste (HW) characteristics, items that contain or have been contaminated with PCBs must be disposed of in accordance with federal and state regulations. PCBs can cause serious harm to human health and the environment. It is critical that precautions are taken to lessen the environmental impact of PCBs.
4. Operational Controls. The following procedures apply for the disposal of PCBs:
  - a. Confirm that safety data sheets are readily available and current.
  - b. Confirm that any material containing PCBs must be managed and disposed of as HW. Any item that may potentially contain PCBs but that does not have a label must be managed and disposed of as HW, including the following:
    - (1) Fluorescent light ballasts
    - (2) Electrical transformers
    - (3) Electrical components
  - c. Confirm that the following actions are adhered to in the disposition of electrical distribution system equipment:
    - (1) Test Method Environmental Protection Agency 800 PCB'0, State of California-certified laboratory will be used.
    - (2) If the analysis results for any item is less than 5.0 parts per million, the following action will occur:
      - (A) The oil from the item will be drained into a closed-top 55-gallon steel drum.

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- (B) The drum will be marked with the words "Non-PCB Contaminated" and the corresponding electrical item serial numbers that were drained into the drum.
  - (C) The drained electrical item will be marked with the words "Non-PCB Contaminated", as well as the item's serial number.
  - (D) The exterior of the drum and item must be free of any oil residue.
  - (E) Debris used to sample, drain, or clean the exterior of the drum will be packaged in an opened top-drum and marked "Non-PCB Contaminated."
  - (F) The non-PCB drum, item, and laboratory analysis will be turned into the EA HWMB, Building 2095.
  - (G) If an electrical item contains PCB oil, it must be tested to determine whether it is positive or negative.
- (3) If the analysis results for any item is greater than 5.0 parts per million, the following action will occur:
- (A) The oil from the item will be drained into a closed-top 55-gallon steel drum.
  - (B) The drum will be marked with the words "PCB Contaminated" and the corresponding electrical item serial numbers that were drained into the drum.
  - (C) The drained electrical item will be marked with the words "PCB Contaminated," the concentration of PCBs (to include non-detect), date of analysis, and serial number of the associated items.
  - (D) The exterior of the drum and item must be free of any oil residue.
  - (E) Debris used to sample, drain, or clean the exterior of the drum will be package in an opened top-drum and marked "PCB Contaminated."
  - (F) The PCB drum, item, and laboratory analysis will be turned into the EA HWMB, Building 2095.
  - (G) A spill kit nearby should be kept nearby.
  - (H) A fire extinguisher should be kept nearby.
  - (I) Personnel protective equipment should be kept on hand.
- d. If there are any specific situations or other concerns not addressed by this procedure, contact EA HWMB via phone at (760) 830-7244.
5. Documentation and Record Keeping. The following records must be maintained:
- a. Associated records of documentation specific to this practice will be maintained for a period of 3 years.

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6. Training. Affected personnel must be trained in this document and the following:
  - a. General Environmental Awareness training
  - b. MCAGCC' Hazardous Waste Operations Manual
  - c. Globally Harmonized System training
  - d. 40-hour HW Operations and Emergency Response course
7. Emergency Preparedness and Response Procedures. Refer to the Integrated Contingency and Operations Plan.
8. Inspection and Corrective Action. The Environmental Compliance Coordinator (ECC) will confirm unit adherence to this ESOP. The ECC will confirm that unit personnel are trained in this ESOP and maintain appropriate documentation in accordance with this ESOP.