

Environmental Standard Operating Procedure (ESOP)	
Pesticides and Herbicides - General (PEW)	
Environmental Affairs (EA): P2 Manager (760) 830-8361	Revised: 1 October 2024

Subject: PESTICIDE / HERBICIDE - GENERAL

Reference:(a) Marine Corps Air Ground Combat Center (MCAGCC), Integrated Pest Management Plan

1. Purpose. This document provides environmental protection guidelines for the application of pesticides and herbicides.
2. Application. This guidance applies to certified individuals applying pesticides and herbicides aboard the 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. Pest management activities provide protection to human health, maintains facilities, protects environmental resources, and improves quality of life. Pesticides and herbicides pose serious danger to human health and the environment if not properly handled and applied. Installation regulations require that pesticides and herbicides be stored and applied properly by a certified or licensed applicator and that equipment used for application is in compliance with applicable regulations.
4. Operational Controls. The following controls apply:
 - a. Safety data sheets for the needed materials must be available and current.
 - b. Only approved pesticides authorized on the Pesticide Authorized Use List (PAUL) may be used aboard the installation.
 - c. Personnel must be properly trained and certified in the category that they are applying pesticides and herbicides, which include the following:
 - (1) Category 3. Ornamental and Turf
 - (2) Category 5. Aquatic
 - (3) Category 6. Right-of-way
 - (4) Category 7. Industrial, Institutional, Structural, and Health Related
 - (5) Category 8. Public Health
 - d. The steps set forth in Integrated Pest Management Plan should be followed.

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- e. The storage of pesticides and herbicide aboard the installation must be stored and maintained by FMB Pest Control in Building 1120.
- f. Pesticides and herbicides must be stored in accordance with Integrated Pest Management Plan.
- g. Pesticides and herbicides are applied in accordance with federal and state label directions.
- h. Post-application cleanup procedures are as follows:
 - (1) Spray tanks and pesticide containers must be triple rinsed at the application site or at the pest control shop before storing, disposing, or, if available, recycling the containers, the latter of which is preferred.
 - (2) Disposal of pesticide spray tank rinsate should be performed by applying it to a site that will, in the future, be used to mix the same pesticide. Otherwise, it should be disposed of as hazardous waste.
 - (3) Rinsate will not be allowed to enter storm drains.
 - (4) Pest control contractors are not allowed to clean equipment or dispose of waste on the installation. Cleaning and disposal must be performed offsite in accordance with applicable regulations.
 - (5) Environmental Compliance Coordinator (ECC) must confirm that pest control contractors are enrolled in the Naval Facilities Engineering Systems Command Online Pesticide Reporting System (NOPRS). The Public Works Department (PWD) will be the installation's pest control coordinator (IPMC).
- i. Clean clothing and used during applications of pesticides and herbicides and separate from regularly laundered clothing. Moreover, clean vehicles at designated facilities.
- j. Maintain a daily record via **NAVFAC Online Pesticide Reporting System (NOPRS)** that records each application of pesticides and herbicides. Records must be maintained onsite indefinitely.
- k. Submit reports via NOPRS as they pertain to required pesticide and herbicide applications.
- l. Spill kits must be maintained in pest control shops and pest control vehicles. Personnel should be familiar with the installation's spill contingency plan.
- m. Keep fire extinguisher charged and inspections up to date in building.
- n. Pesticide containers, including service containers, must have the original or copy of the original label attached.
- o. Pest control vehicles must meet federal, state, and local regulatory requirements. Pesticides will not be transported in the

vehicle's passenger compartment and secured to vehicles to prevent spillage. Pesticides will be kept in a locked compartment when not attended to prevent access by unauthorized personnel. Vehicles will be clearly identified as a pest control vehicle and will be cleaned at a PWD pest control shop, which is a designated cleaning site that prevents contaminated rinsate from entering stormwater.

- p. U.S. Department of Defense pesticide applicators must be enrolled in a medical surveillance program and be provided with proper personal protective equipment.
- q. If there are specific situations or other concerns not addressed by this procedure, contact EA's Resource Conservation and Recovery Act RCRA D/I Manager office via phone at (760) 830-8361.

5. Documentation and Record Keeping. The following records must be maintained:

- a. Labels for use
- b. Safety data sheets for hazardous material
- c. Records of all pest management operations conducted at the installation after each operation. Records must be maintained indefinitely via NOPRS or hard copy.
- d. Training records

6. Training. Affected personnel must be trained in this document and the following:

- a. General Environmental Awareness training
- b. Globally Harmonized System training
- c. U.S. Department of Defense pesticide applicator certification or a U.S. Environmental Protection Agency-approved state applicator license.

7. Emergency Preparedness and Response Procedures. Refer to the spill response procedures listed in the Abatement ESOP and the Integrated Pest Management 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.

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Pesticide/ Herbicide - General - ECC/Unit Inspection Checklist	
Date:	Time:
Installation:	Work Center:
Inspector Name:	Signature:

Inspection Items	Yes	No	Comments
1. Are applicable safety data sheets readily available and current?			
2. Are only approved pesticides and herbicides listed on the Pesticide Authorized Use List (PAUL) being applied aboard the installation?			
3. Are personnel properly trained and certified in the category they are applying pesticides and herbicides? The following are categories DoD applicators are trained for: <ul style="list-style-type: none"> a. Category 3. Ornamental and Turf b. Category 5. Aquatic c. Category 6. Right-of-way d. Category 7. Industrial, Institutional, Structural, and Health Related e. Category 8. Public Health f. Some may also hold a certification in Category 11. Aerial Application. 			
4. Have all pesticides and herbicides in use been determined necessary and have alternative options been identified?			
5. Have post-application cleanup procedures been met?			
6. Is clothing material used during pesticide applications cleaned in an approved laundry facility separate from regularly laundered clothing?			
7. Are the pesticide and herbicide containers being stored or transported with the original or copy of the label?			
8. Are the pest control vehicles in compliance with operational controls?			
9. Are the pesticides and herbicide aboard the installation being stored and maintained by FMB Pest Control in Building 1120?			
10. Are signs posted in pesticide storage areas?			
11. Is there a spill kit stored near potential spill areas?			

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Inspection Items	Yes	No	Comments
12. Is there a fire extinguisher stored near potentially flammable materials?			
13. Are the U.S. Department of Defense applicators enrolled in the medical surveillance program?			
14. Do the applicators have proper personal protective equipment?			
15. Are on-site records being maintained indefinitely via Naval Facilities Engineering Systems Command Online Pesticide Reporting System or hard copy?			
16. Are training and inspection records maintained and available for inspection?			

Additional Comments:

Corrective Action Taken:

Unit Inspector:

Name: _____

Signature: _____