

SECTION 3-7: PEST CONTROL

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3-7-00 POLICY

This section presents information regarding facilities operations requirements associated with Pest and Weed control and establishes HHS policy and responsibilities for complying with the legal use of pesticides and herbicides at HHS facilities. Environmental compliance with respect to use of pesticides and herbicides must be integrated with occupational health and safety policies and regulations.

3-7-10 PROCEDURES

Properly implemented recurring pest and weed control services will eliminate or greatly reduce nuisance pests and in some cases prevent the intrusion of unwanted pests into buildings, lawns, plants and trees. Pests include any insects, rodents, vertebrates, vegetation, decay organisms, birds, animals, mollusks, and reptiles that are disease vectors or nuisances or are harmful to humans and their surroundings. Pest control actions shall include mechanical, chemical, physical, or construction as necessary to prevent/remove the identified pest.

Product Technical Specification Changes. It may become necessary to alter technical specifications and products used when:

1. Newer, safer, and more effective methods become available.
2. More selective pesticides become available.
3. Less toxic and less persistent pesticides become available.

Performance Requirements. Work shall be accomplished in accordance with applicable federal and state regulations and guidelines at a minimum. Common categories of facilities or land treatment include: Fire Ant Control, Mole Cricket Control, Mosquito Control, Animal Control, Weed Control, Plant & Tree Care, and Structural Pest Control Inspection and Treatment.

Pesticide Disposal. Every effort must be made to ensure that pesticides do not become hazardous waste (HW). Excess EPA-registered pesticides should be returned to the supplier, transferred to another HHS facility that is able to use the material, or transferred to another OPDIV.

A. ENVIRONMENTAL PROTECTION AND SAFETY REQUIREMENTS

Programs shall minimize environmental impact by using integrated pest management techniques. Proper safety precautions shall be specified and implemented including posting of appropriate warning/caution signs, use of barriers, etc., to provide sufficient warning to people in the vicinity of applied treatments, and to prevent potential dangers or hazardous situations. Pesticides shall be properly handled and transported, including use of proper identification on both sides of vehicles carrying pesticides.

B. PEST MANAGEMENT PLANS

Pest management plans shall be implemented that utilize integrated pest management techniques. An approved list of pesticides and pest control products shall be maintained and complied with as the Pesticide Authorized User List (AUL). See a sample authorized user list at Exhibit X3-7-A. OPDIVs shall ensure that within their areas of responsibility:

- knowledgeable persons are designated to exercise control over the AUL, and
- AULs are kept current and are complied with at each independent site.

An example of a product information form for requesting additions to the AUL is provided as Exhibit X3-7-B.

C. LICENSING, PERMITS, AND PERSONNEL QUALIFICATIONS

Contractor and in-house pest control operators and applicators shall be licensed by the state in which work is to be performed and such license shall specify those categories of pest control in which the licensee is qualified and authorized to perform pest control services. As a minimum, all requirements with respect to business licensing, certifications, employee identifications, and actual work performance shall fully comply with state laws and regulations applicable to the state in which the work is performed.

D. DEFINITIONS

Integrated Pest Management Plan (IPMP) - A planned program incorporating continuous monitoring, education, record-keeping, and communication to prevent pests and disease vectors from causing unacceptable damage to operations, human, property, material, or the environment. IPMP uses targeted, sustainable (effective, economical, environmentally sound) methods including education, habitat modification, biological control, genetic control, cultural control, mechanical control, physical control, regulatory control, and, where necessary, the judicious use of least hazardous pesticides.

Pesticide - Any substance or mixture of substances intended for preventing, destroying, repelling, or mitigating any pest, and any substance or mixture of substances intended for use as a plant regulator, defoliant, or desiccant.

Vector – Organisms that play a role in the transmission of a pathogen/infective agent from one host to another (between humans or from animals to humans).

E. AUTHORITIES/REFERENCES

1. Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) of 1972, as amended (Public Law 92- 516, 7 USC 136 et seq.).
2. Resource Conservation and Recovery Act (RCRA) of 1976, as amended (42 USC 6901 et seq.).
3. Federal Water Pollution Control Act of 1972, as amended by the Clean Water Act of 1977 (33 USC 1251 et seq.).
4. Emergency Planning and Community Right-to-Know Act (EPCRA) of 1986 (42 USC 11001 et seq.).
5. Toxic Substances Control Act (TSCA) of 1976 (15 USC 2601 et seq.).
6. Endangered Species Act (ESA) of 1973 (16 USC 1531 et seq.).
7. Migratory Bird Treaty Act of 1918, as amended (16 USC 703 et seq.).
8. Federal Noxious Weed Act of 1974 (7 USC 2801 et seq.).
9. National Environmental Policy Act (NEPA) of 1969 (42 USC 4321 et seq.).

F. RESPONSIBILITIES

All HHS personnel whose duties involve aspects of pest and weed control shall carry out the following responsibilities to the extent of their respective span of control and level of organizational authority:

- Establish and coordinate programs to achieve, maintain, and monitor compliance with applicable Federal, state, and local statutory and regulatory requirements for pest management.
- Emphasize techniques to reduce pesticide risk and prevent pollution. Monitor pesticides to ensure the pesticides available are least hazardous and comply with applicable Federal, state, and local laws.
- Ensure, through staff assistance visits and Environmental Compliance monitoring, departmental/regional cooperation and compliance with Federal, state, and local regulatory agencies with regard to pesticide management regulations.
- Ensure procedures are established so that recommendations from onsite pest management program reviews will result in appropriate corrective action.
- Coordinate pest management actions, as appropriate, with state and local governments involved with pest management when human health is an issue.
- Cooperate with state and local government agencies involved with pest management.
- Conduct special environmental compliance and protection studies with regard to pest management to assist in establishing policy or initiating actions.
- Exercise oversight and review of pest management programs within assigned area of responsibility.
- Establish surveillance programs to assess potential adverse environmental or public health effects from pesticide use and monitor the health and safety of persons who apply pesticides.
- Ensure that all pest management operations performed at the facility are properly recorded, and that all records are properly maintained.

3-7-20 GUIDANCE AND INFORMATION

Warranty of Structural Pest Control Treatment: typically, a five-year written warranty is required from commercial service providers to warrant the areas treated against existing and new infestations of subterranean termites or powder post beetles. The warranty shall state that chemical concentrations, rates, and methods of application complied with the EPA label. The warranty period shall commence from the date of satisfactory completion of the work. Visual sightings of pests, additional damage, new mud tubes, or other signs of living pests within the structure during the warranty period shall be grounds for re-treatment under warranty.

3-7-30 REPORTING REQUIREMENTS

Every HHS organization responsible for providing Pest Control services shall have a written Integrated Pest Management Plan (IPMP) that establishes an early prevention program to eliminate and control pest infestations. All necessary safety, environmental, and regulatory specifications and requirements shall be implemented in a manner which offers maximum protection to human life and property with special emphasis on protecting the environment. OPDIVs and other HHS activities have discretion to publish umbrella IPMPs that adequately address the issues at their sites, so long as the sites operate in accordance with those plans. Facilities shall maintain complete daily pesticide application and pest management operations records as required by FIFRA and 7 USC 136i-1 and ensure that these records are archived after 2 years for permanent retention.

SAMPLE PESTICIDE AUTHORIZED USER LIST			
Pesticide	Common Name	Intended Use	Approved
Acephate	Orthene	Roaches, Ants	Yes
Altosid Briquettes	Methoprene	Mosquito Larvae	Yes
Amdro Fire Ant	Hydramethylnon	Ants	Yes
Aqua Bac	Bti	Larvicide	Yes
Avitrol	4-Aminopyridine	Birds	Yes
Award	Fenoxycarb	Ant Bait	Yes
Banner/Maxx	Propiconazde	Fungicide	Yes
Bayleton 50%	Triadimefon	Turf Fungus	Yes
Baytex	Fenthion	Mosquitoes	Yes
Bentgrass Select.	Dimethylamine Salt	Herbicide	Yes
Bird-Proof	Polybutene 49%	Bird Repellent	Yes
CB-80 Extra	Pyrethrins 5%	Roaches	Yes
Diazinon 4E	Diazinon	Roaches	Yes
Diazinon 5G	Diazinon	Ants	Yes

PLANNED PESTICIDE/HERBICIDE USE SHEET (non-mandatory sample)

Activity Name:	<i>Enter site name, Location</i>
Applicator:	
Target Pest:	
Purpose:	
Trade Name:	
Common Name:	
EPA Regulation No.:	
Formulation:	
CONC AI:	
Possible Source(s):	
Use %:	
Diluent:	
Rate:	
Method:	
Units Treated:	
Site:	
Months:	
Sensitive Areas:	
Inspection Methods:	
Other Controls:	
	Approved → <input type="checkbox"/> Disapproved → <input type="checkbox"/>
Date: _____	Authorized Signature and Title: _____