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## BEST MANAGEMENT PRACTICES FOR VETERINARIANS AND ANIMAL GROOMERS

Best management practices can be thought of as using "good housekeeping" practices. Listed below are several procedures to operate your facility and minimize the risk of contamination to the environment.

For those facilities performing pesticidal shampooing and/or dipping:

1. Spent pesticidal dip solutions and medicated shampoo rinse waters must not be discharged to septic tanks. Facilities on septic tanks must disconnect animal dip and bathing equipment drain lines and seal off these existing connections to the septic tank. Facilities on septic tank must install a waste treatment system or collect the rinsewater. If a waste pretreatment system is used, the treated wastewater may be transported to a sewage treatment plant via approved hauler if it meets sanitary sewer discharge standards. Rinsewater may also be reused as makeup water, if possible.
2. Facilities on sanitary sewer may dispose of pyrethrin and limonene type shampoos and dip solutions to the sanitary sewer system if the wastewater meets sanitary sewer discharge standards. If these facilities are located within wellfield protection areas, they must adhere to restrictions as stated in their annual operating permits. Facilities on septic tank using pyrethrin and limonene based products must have this wastewater hauled via approved hauler to a sewage treatment plant.
3. Other insecticide compounds used, such as organophosphates and carbamates, may be discharged to sanitary sewer if the rinsewater meets the sanitary sewers standard for Total Hazardous Organic Materials (THOM's) of 2.0 mg/l (ppm). To meet this standard, a waste treatment system would most likely be necessary. Plans for waste treatment systems must be submitted to DERM for approval prior to installation.
4. Wastewater pretreatment standards apply at the point of no further treatment. Dilution is not an acceptable wastewater treatment practice.
5. Plans for waste treatment systems must be submitted to DERM Plan Review Section for approval prior to installation.
6. If the facility or procedures are found to be performing inadequately, the owner must provide immediate improvements to the operating techniques and/or additional equipment in order to operate in compliance with regulations.

For those facilities using X-ray equipment:

7. Facilities must not discharge any waste x-ray solutions to septic tanks, storm drains or to the ground. If the facility is served by sanitary sewers, the wastewater may be treated by an approved treatment system and the effluent may be discharged to the sanitary sewers if it meets applicable sewer standards (silver 0.4 mg/L). If your facility is served by septic tank these solutions may also be picked up by a DERM approved transporter.
8. All Biohazardous Waste (BHW) must be "red-bagged" and properly disposed of per Health Department Standards (10D-104). Biohazardous Waste may not be mixed with the regular trash. If BHW is not treated on-site, a DERM permitted transporter must be used.
9. Storage
  - a. For facilities storing large amounts of chemicals and/or fuels:
    1. All chemical and fuel storage must have secondary containment. This containment area should be able to hold 110% of the volume of the largest single tank to be stored in this area.
    2. Chemical storage areas must be on an impervious surface with secondary containment or a bermed and covered area away from drainage structures (e.g. floor drains or storm drains).
10. Waste disposal
  - a. All hazardous waste must be disposed of via a permitted hazardous waste transporter and taken to a federally approved hazardous waste disposal facility. Receipts of all waste disposals and hazardous waste manifests must be retained for no less than three (3) years, at the generator's facility and be available for review.
  - b. In all situations where the waste is deemed to be hazardous, a DERM permitted hazardous waste transporter must be used to transport the waste to a federally approved hazardous waste treatment or disposal facility. The facility generating the hazardous waste is required to obtain an Environmental Protection Agency identification number unless classified as a conditionally exempt

generator, by contacting:

Bureau of Waste Planning and Regulation  
Florida Dept. of Environmental Protection  
Two Towers Office Building Room 471  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400  
(904) 488-4805

11. Special attention should be paid to storm drain locations (also known as storm sewers). Storm drains are designed to help alleviate rainwater build up. These drains are not connected to the sanitary sewer system, but rather assist in allowing the rainwater to drain into the ground and groundwater. Therefore, industrial discharges should not be allowed to drain into these storm drains. Areas near storm drains must be kept free of oil, grease and other contaminants so that rainwater does not wash these materials into the storm drains.

Any questions contact the Industrial Facilities Section staff at (305)372-6600.

All veterinary and animal grooming facilities are required to have Annual Pollution Control Operating Permits.