



NIH Baltimore EMS Aspects and Associated Activities

Aspect	Activities
Air emissions	Chemical, Biological and Radioactive Isotope Use, Storage, Disposal and Transportation
	Fume Hood Use
	Operation and Maintenance of HVAC Systems
	Operation and maintenance of propane tanks
	Operation of Central Utility Plant (Chillers, Boiler, Cooling Towers)
	Transportation to facility
	Use of emergency generators
Chemical spills	A/B Neutralization for wastewater
	Animal Husbandry
	Bulk Fuel Storage (USTs and ASTs)
	Bulk Fuel Transfer During Fill/Dispensing Operations
	Cage Washing
	Chemical, Biological and Radioactive Isotope Use, Storage, Disposal and Transportation
	Imaging (PET scans,x-ray, MRIs)
	Janitorial services
	Mixed Waste Handling (e.g., rad waste, med waste)
	Operation and maintenance of propane tanks
	Use of environmentally sound cleaning products
Chemical waste generation	A/B Neutralization for wastewater
	Animal Husbandry
	Cage Washing
	Chemical Use, Storage and Transportation
	Decontamination and sterilization
	Haz Mat Response and Clean-Up
	Imaging (x-ray, MRI)
	Janitorial services
	Operation and Maintenance of HVAC Systems
	Operation of "grey water" system
	Operation of Central Utility Plant (Chillers, Boiler, Cooling Towers)
Procurement of Chemicals and Pharmaceutical products	
Energy and water consumption	A/B Neutralization for wastewater
	Animal Husbandry
	Benchtop Lab Equipment Use
	Cage Washing
	Chemical, Biological and Radioactive Isotope Use, Storage, Disposal and Transportation
	DI System (Deionized Water)
	Equipment Cooling (Direct or Indirect)
	Fume Hood Use
	Imaging (x-ray)
	Janitorial services

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NIH Baltimore Environmental Management System

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Aspect	Activities
	Lab maintenance services (electrical, painting, plumbing)
	Maintenance of fire equipment and systems
	Operation and Maintenance of HVAC Systems
	Operation of "grey water" system
	Operation of Central Utility Plant (Chillers, Boiler, Cooling Towers)
	Use of electromagnetic radiation equipment
	Use of emergency generators
	Use of Office Equipment
Fuel consumption	Bulk Fuel Storage (USTs and ASTs)
	Bulk Fuel Transfer During Fill/Dispensing Operations
	Operation and maintenance of propane tanks
	Re-Fueling of Vehicles
Med path waste generation	Animal Husbandry
	Animal Surgery
	Carcass handling
	Chemical, Biological and Radioactive Isotope Use, Storage, Disposal and Transportation
	Human Tissue Pathology/Histology
	Medical-pathological waste handling
Multihazardous waste generation	Animal Husbandry
	Bio-containment (Levels 2 & 2 with "3 practices")
	Heavy Metals Use
	Human Tissue Pathology/Histology
	Radioactive Isotope Use, Storage
Natural resource consumption	Animal Shipping and Receiving
	Drug Dispensing Operations
	Janitorial services
	Package Shipping and Receiving
	Patient Care
	Use of Bathrooms
	Use of Office Equipment
Radiological waste generation	Bio-containment (Levels 2 & 2 with "3 practices")
	Irradiator
	Decay for Rad Waste
	Disposal (via sewage)
	Imaging (x-ray)
	Radioactive Isotope Use, Storage, and Transportation
Toxic releases	Laboratory moves
	Receiving and Surplusing of Furniture and Equipment
Wastewater generation	Animal Husbandry
	Bio-containment (Levels 2 & 2 with "3 practices")
	Cage Washing
	DI System (Deionized Water)

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Aspect	Activities
	Imaging (x-ray, MRI)
	Janitorial services
	Operation and Maintenance of HVAC Systems
	Operation of "grey water" system
	Operation of Central Utility Plant (Chillers, Boiler, Cooling Towers)
	Silver recovery units

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