

1. HAZARDOUS WASTE

1.1 PURPOSE

The Contractor must provide NSU's EH&S office with a list of potential hazardous waste(s) to be generated during a project. Contractors are fully responsible for all hazardous wastes that they generate while on NSU properties.

1.2 GENERAL

With the establishment of the Resource Conservation and Recovery Act (RCRA) Solid and Hazardous Waste Program; the transportation, handling, storage and disposal of hazardous wastes became regulated under federal, state and local laws. The EPA and local agencies have developed regulations for compliance with RCRA. All persons are responsible for compliance with the hazardous waste regulations which begins with the generation of waste materials and follows through to disposal.

Hazardous wastes are a specific category of solid wastes because of its quantity, concentration, physical, chemical or infectious characteristics. RCRA identified two general categories of hazardous waste: those specifically "listed" in the regulations, and those that exhibit a hazardous "characteristic" by being flammable, corrosive, reactive, or toxic. Examples of hazardous wastes associated with construction projects include, but not limited to: adhesives, cement, lubricants, used oil, cleaning supplies, solvents, paints, and paint thinners.

Most empty containers are not hazardous waste under federal RCRA rules. As with solid waste, states may have more specific requirements than required by federal RCRA.

1.3 RESPONSIBILITIES

Contractors are fully responsible for all hazardous wastes they generate while working at NSU. Hazardous waste may be generated from construction, renovation and repair activities. NSU requires that all materials and substances classified as hazardous or regulated waste be handled carefully and receive the proper disposal.

- 1) All Contractors and Subcontractors performing work on projects conducted at or on behalf of NSU shall comply with all applicable federal environmental regulations, Florida State regulations, and local regulations (see below for applicable regulations).
- 2) Nova Southeastern University will not be responsible for materials and substances brought onto the project sites by any Contractor. Contractors are responsible for the proper storage and management of hazardous materials in accordance with Federal, State and Local requirements. Furthermore, Contractors are responsible for the removal and disposal of all surplus chemicals that they bring on-site for the project.
- 3) No Contractor shall use any drain, pipe or plumbing fixture for the disposal of any waste materials unless authorized by the EH&S office and all chemicals brought on-site are to be removed from NSU property upon completion of the project unless there is written consent from the EH&S office.
- 4) Contractors shall review all contract documents to ensure they are aware of the presence and locations of hazardous materials that have been identified by NSU.

- 5) The Contractor must provide the EH&S office with a list of potential hazardous waste(s) to be generated during the project. The hazardous waste generated during the project is the responsibility of the Contractor unless stipulated otherwise in the project contract.
- 6) The Contractor shall develop a Hazardous Waste Plan that identifies procedures for the safe handling of hazardous waste in accordance with all applicable regulatory requirements. The Hazardous Waste Plan shall outline the Contractor's responsibilities related to hazardous waste and shall include such items as the identification of wastes classification of waste; proof of registration with EPA as a generator of hazardous waste and/or waste oil, and employee training. The Contractor shall submit their Hazardous Waste Plan to the EH&S office prior to starting the project.
- 7) The Contractor shall establish and manage hazardous waste storage area(s) in accordance with the applicable regulatory requirements. The Contractor shall inspect these areas weekly and document inspections in an on-site log. The waste storage area shall be equipped with adequate signage, secondary containment and an appropriate compatible spill kit.
- 8) Containers of hazardous waste shall be properly stored and if necessary in a secondary containment device, labeled and maintained in good condition, and kept closed at all times.
- 9) Each Contractor with primary generator licensure is responsible for coordinating the shipment of all hazardous waste and retaining all signed hazardous waste manifests.
- 10) Contractors licensed to transport hazardous waste/materials shall be permitted to transport the hazardous waste/materials and shall comply with US DOT regulations and requirements.
- 11) Contractor may not transport hazardous materials via public or private roads in a manner that could result in unsafe conditions for University personnel, students, visitors or the environment.
- 12) Transportation of all hazardous materials shall be conducted in accordance with all applicable regulations relating to proper handling, packaging, labeling, and documenting.
- 13) Contractors are to ensure that all their employees are trained in handling, preparing, shipping and the documentation of hazardous waste management and disposal.
- 14) All copies of hazardous waste documentation are to be sent to the EH&S office (DOT permits, disposal records, etc.).
- 15) In the event, the Contractor encounters an unidentified material believed to be a hazardous substance or condition; they shall immediately stop work in the affected area. The condition must be immediately reported to the EH&S office and Facilities Management. After testing and confirmation by a qualified consultant that the material is a hazardous substance, the work in the affected area shall not be resumed except by written agreement between NSU and the Contractor.
- 16) NSU shall retain the services of a licensed, qualified consultant and licensed laboratory to verify the presence or absence of unidentified and untested hazardous substances/materials.
- 17) Should a Contractor discover materials previously hidden from view or uncharacterized on the basis of information provided to the Contractor by NSU, the

workers shall leave and not disturb such materials until a licensed consultant has completely identified the materials.

1.4 REGULATIONS

EPA 40 CFR 261	Identification and Listing of Hazardous Waste
EPA 40 CFR 262	Standards Applicable to Generators of Hazardous Waste
EPA 40 CFR 263	Standard Applicable to Transporters of Hazardous Waste
OSHA 29 CFR 1910 Subpart z	Toxic and Hazardous Substances
OSHA 29 CFR 1910 Subpart h	Hazardous Materials
Florida Administrative Code (FAC) Rule 62-730	

1.5 ACCOUNTABILITY

All contactors will be responsible for complying with the guidelines as described above. Contractors are to communicate to their employees and Subcontractors all the guidelines and relevant information. All work shall be performed in accordance with University policies and procedures as well as all applicable laws and regulations.