January, 2013

Re: Building Emergency Action Plan for Non-Destruct Laboratory

Building Coordinator: Bob Hitomi, Environmental Specialist 278-5165
Alternate Contacts: Steve Leland, Industrial Hygienist/Safety Specialist 278-5174
Bernie Tano, Industrial Hygienist 278-5447

Building Operations:

The Non-Destruct Laboratory (NDL) houses several functions of the Office of Environmental Health and Safety under the guidance of Risk Management Services. Those functions consist of the following:

Classroom instruction facility – Classroom area is utilized to teach occupational safety and environmental compliance training to all university employees, including faculty, staff and administration. Fit testing for personal protective gear and CPR training are two examples of classes taught.

Instrument calibration – Industrial hygienist calibrate instruments used to measure the work environment and any potential human health issues that can be attributed to issues such as indoor air quality or confined space entry.

Hazardous Waste Storage – The back side of the NDL has an attached building that is utilized as the campus 90 day regulated storage facility for hazardous waste. These are waste products from both academic and support functions on campus. It can consist of items such as petroleum products, paints, chemistry lab waste (solvents, acid/base, etc.) and biology lab waste (stains, preservatives, etc.). There is also a standalone shed that is utilized for universal waste storage (used lamps, batteries).

Emergency Protocols:

During business hours, the building coordinator or alternate contacts will make a determination of the extent of the emergency and the most expedient method of evacuation if needed. That individual will immediate notify anyone within the NDL of the immediate threat and if evacuation procedures will be required. It will also be prudent to investigate around the outside perimeter, if safe to do so, for anyone who may be working in the area. The Associate Vice-President (AVP) of Risk Management Services should be made aware as soon as possible of the circumstances involved in the emergency event.

If the emergency involves the hazardous waste storage facility, the building coordinator or alternate contacts may determine that the local fire department/county environmental management department needs to be contacted. Campus police should be notified as well so that they can be involved in isolating the area in the event of fire or vapors that could impact the immediate area of the bike and pedestrian crossings of the American River that are adjacent to the NDL building.

Small spills in the hazardous waste storage facility can be handled using the materials listed under emergency supplies (below). Upon initial entry, both doors to the facility should be opened to allow ventilation in the event of any fumes. The cleanup should be done by the building coordinator or alternate contacts since it will involve the use of proper personal protective equipment (PPE) as appropriate to the incident. The cleanup materials and any residual waste will need to be collected, containerized and properly labeled.

If the emergency occurs outside of business hours, the person discovering the incident should identify any issues and immediately call for help if it involves the hazardous waste storage facility. The area and roadways/bike paths adjacent to the NDL may need to be isolated if there is fire or fumes involved. Do not enter the building without contacting the building coordinator and/or the AVP for Risk Management Services.
Emergency Supplies (Inside Hazardous Waste Storage Facility):

- Spill absorbent material (granular)
- Spill absorbent pads (flat sheets)
- Spill absorbent pads (rolls or “pigs”)
- Mercury spill kits
- Acid/base spill kits
- Fire extinguishers

Emergency Contacts:

Risk Management Services: Mike Christensen, Associate Vice-President, Risk Management Services
211 Riverfront Center
916-278-5252

Sacramento County Environmental Management Department
Hazardous Materials Division
10590 Armstrong Avenue
Mather, CA 95655-4153
916-875-8484

Hazardous Waste Contractor
North State Environmental
220 South Spruce Avenue, Suite 200
South San Francisco, CA 94080-4560
650-588-2838