

Spill Contingency Plan

USGS Pacific Island Ecosystems Research Center Kilauea Field Station

This Spill Contingency Plan is designed to identify potential spill hazards and outline protocols to respond to these hazards at the Kilauea Field Station (KFS) of the Pacific Islands Ecosystems Research Center;

1. Type of severity of spill – The severity of a chemical spill at KFS is minimal. KFS has no large quantity of chemical on hand. The most of any one chemical being stored is a 55 gallon drum of isopropyl alcohol which is stored in a container with secondary containment and away from habitable structures.

All chemical are stored in containers of one liter (gallon) or less causing minimal problems in the event of a container breaking or tipping over.

2. Response to an accidental release of a hazardous material —Actions to be taken in the event of a chemical spill, bodily injury, fire or exhaust hood failure.
 - Evacuate the laboratory if exposure puts you and others in imminent danger. Close all doors and open windows if substance is volatile.
 - Initiate **Emergency Action Plan** if hazard cannot be confined to laboratory.
 - Activate **Emergency Response Plan** if serious bodily injury or structural damage has occurred or is imminent. Call 911.
 - Administer first aid to victim(s), taking the necessary precautions (PPE) to prevent rescuers exposure. Identification of specific hazard is essential.
 - Contact station leader or facilities manager.
 - Flush affected eyes, skin and clothing with water using eye wash station, sinks or safety shower located in the laboratory. Remove contaminated clothing.
 - If possible and safe to do so, use chemical spill kits to and absorb the spill. Wear appropriate PPE, including respirator if necessary. Sweep up and bag the absorbent. Dispose of material properly. Refer to MSDS sheets. .
 - In the event of fire use the fire extinguisher located nearest to you. Remember to direct spray at the base of flames.

Emergency Action Plan

- Immediately alert all nearby personnel to evacuate.
- Close the door behind you.
- Pull Fire Alarm switch to activate the occupant emergency plan.
- Assemble in parking in front of the Resources Management administration office.
- Take a head count.
- Notify the station leaser or facilities manager on the nature of the emergency.
- Activate Emergency Response Plan if necessary.
- Stay away from the building and do not re-enter until it is cleared by the station manager or safety officer.

WHEN IN DOUBT, GET OUT!

Emergency Response Plan

Telephone **911** or Park Dispatch (24-hour Emergency Number) **985-6170**
Chief Ranger **985-6030**
Park Fire House **985-6045**
State Spill Response **1-808-586-4249 day**
1-808-247-2191 eve.

Once contact is made report: **Your Name, Location of Emergency, Type of Emergency and Type of Help Required**

3. Emergency contact numbers:

Station Leader – Paul Banko – 967-7610 (after hours)
Facilities Manager – Nick Shema – 967-8648 (after hours)

4. Emergency equipment – There is a spill response kit located in every lab or near the area of a hazard material storage cabinet.