

DAUPHIN COUNTY



EMERGENCY MANAGEMENT AGENCY

911 GIBSON BLVD.
STEELTON, PA 17113-1899
(717) 558-6800
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TO: ALL DAUPHIN COUNTY EMERGENCY MANAGERS, FIRE COMPANIES, AND
EMERGENCY OPERATION CENTERS

FROM: DAUPHIN COUNTY EOC

DATE: September 10, 2011

SUBJECT: Hazardous Materials Response Post Flooding

As a guideline to Emergency Management Coordinators and Emergency Response Personnel, attached are three documents that are related to Hazardous Materials Response:

- Hazardous Materials Response Recommendations - provides guidance for response personnel who may encounter Hazardous Materials in the field.
- Environmental Contractor List Document (# HMRT SOG-068A) - can be distributed to residents who may have a need for a contractor for private clean-up.
- Guidance from The Pennsylvania Department of Environmental Protection (PA DEP) - offers tips to residents dealing with Flood-Ravaged Property.

In addition, the County has a Technical Specialist available who can act as a guide to responders who may require additional assistance.

All locations where materials maybe encountered should be reported to the Dauphin County EMA at the following fax # (717) 558-6344 on the provided form.

Please distribute this information to ALL Emergency Operations Centers, Emergency Management Coordinators and Fire Service Units within the County.

The clean up on private property remains the responsibility of the property owner.



Dauphin County Hazardous Materials Response Team
Dauphin County Emergency Management Agency
911 Gibson Boulevard
Steelton, PA 17113

2011 Dauphin County Flooding (Tropical Storm Lee) Hazardous Materials Response Recommendations

As always the priorities of all emergency responders are:

1. Life Safety (including first responders)
2. Property
3. Environment

During the flooding conditions that are impacting the Dauphin County area hazardous materials events should be "triaged" by first responders. Safety of the first responders and public shall be the priority. Determination should be made in the following order:

1. Non-intervention
2. Defensive operations
3. Offensive operations

Many incidents that may be encountered will be best handled as non-intervention until flood waters recede.

Residential hazardous materials incidents - including but not limited to: Fuel oil, gasoline, cleaning materials and other various other household products

- Contain to the building if possible
- If building is impacted by flooding, delay operations until flood waters have receded
- Clean-up is the responsibility of the property owner
 - Clean-up does not include willful discharge of product from the property to standing or flood waters.

Industrial and Fixed Site Facilities – large scale releases (greater than 55 gallons or 150 lb cylinders) or extremely hazardous substances.

- Attempt to employ defensive measures if safe to do so.
- Clean up is the responsibility of the owner/responsible party

PA DEP directive of orphan containers (drums, cylinders, or other containers of hazardous materials, with no responsible party identified displaced by flood waters).

- If accessible and safe to do so, normal hazardous defensive and Hazardous Materials Response Team offensive operations should be employed. PA DEP coordination for overpack/disposal will be needed.
- If inaccessible or unsafe to intervene, identify the location of the orphan container and ensure reporting to PA DEP (via Dauphin County ECC) for later recovery.

As with any hazardous materials incident the Dauphin County Hazardous Materials Response Team Duty Officer is available twenty-four hours a day and may be contacted through Dauphin County ECC for phone consult or on-scene response.



DAUPHIN COUNTY, PENNSYLVANIA

Environmental Contractor List

Printed copies are uncontrolled (for reference only) unless document is marked 'controlled'

DAUPHIN COUNTY HAZARDOUS MATERIALS RESPONSE STANDARD OPERATING GUIDELINES

DOCUMENTATION LEVEL 2

DOCUMENTATION NUMBER: HMRT SOG-068A

Environmental Clean-Up

Chambers Environmental Group
 629 East Rolling Ridge Drive
 Bellefonte, PA 16823
 814-355-2241 (Office)
 814-355-2410 (Fax)

Environmental Products & Services
 5100 Paxton St.
 Harrisburg, PA 17111
 800- 577-4557 (24hr)
 717- 564-4200 (Office)
 717- 564-3457 (Fax)

Elk Environmental Services, Inc.
 1420 Clarion Street
 Reading, PA 19601
 800- 851-7156 (24hr)
 610- 372-4760 (Office)
 610- 372-4820 (Fax)

Keystone Petroleum Equipment
 981 B Trindle Rd.
 Mechanicsburg, PA 17055
 717-697-1651 (Office)

Lewis Environmental Group
 PO Box 639
 Royersford, PA 19468
 800- 258-5585 (24hr)
 610-495-6695 (Office)
 610- 495-6697 (Fax)

Minuteman Spill Response, Inc.
 401 Richardson Road
 Middletown, PA 17057
 800- 905-7788 (24 hr)
 717- 939-4081 (Office)
 717- 939-4082 (Fax)

Northridge Group, Inc.
 1172 Ridge Road
 Northumberland, PA 17857
 866- 473-3219 (24hr)
 570- 473-3219 (Office)
 570- 473-8238 (Fax)

React Environmental Services
 6901 Kingsessing Avenue
 Philadelphia, PA 19142
 800- 326-2439 (24hr)
 215- 729-2777 (Office)
 215-729-7582 (Fax)

Remediation, Inc.
 PO Box 97
 Dover, PA 17315
 717- 292-4432 (Office / 24hr)
 717- 292-7569 (Fax)

Weavertown Environmental
 2 Dorrington Road
 Carnegie, Pennsylvania 15106
 800- 746-4850 (24hr)
 724-746-4850 (Office)
 724-746-9024 (Fax)

Industrial Hygiene

Analytical Laboratory Services, Inc.
 34 Dogwood Lane
 Middletown, PA 17057
 717-540-3424 (24hr)
 800-794-7709 (Office)
 717-944-1430 (Fax)

Cocciardi and Associates, Inc.
 4 Kacey Court
 Mechanicsburg, PA 17055
 800-377-3024 (24hr)
 717- 766-4500 (Office)
 717- 766-3999 (Fax)

Dauphin County Household Hazardous Waste Program

Curbside, Inc.
 800-449-7587

ISSUED BY: Dauphin County Hazardous Materials Response Team	APPROVED BY: Chris Fisher, Chief	PAGE NUMBER: 1 OF 1
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News for Immediate Release

Sept. 10, 2011

DEP Offers Tips to Residents Dealing with Flood-ravaged Property

Cleanup, Leaking Home Fuel Tanks, Water Well Disinfection, Important Considerations

Harrisburg — The Department of Environmental Protection is advising residents whose homes or businesses have been affected by flood waters to take a number of precautions to assure a safe cleanup.

"Thousands of people and homes have been impacted by the tragic flooding in the commonwealth over the past several days. It is gut-wrenching to see the many pictures of the devastation, destruction and human suffering," DEP Secretary Mike Krancer said. "People need to be very careful when returning to their homes and businesses and must be aware of a number of precautions they need to take to ensure their safety and good health."

Homeowners who suffered flood damage should note these cleanup guidelines:

- Be careful when entering a flood-damaged building. Loose, wet ceiling plaster is heavy and dangerous, so knock down hanging plaster before moving around. Watch for holes in the floor and loose boards with exposed nails.
- Once inside, turn off the gas and electricity. Wear rubber-soled shoes or boots and rubber gloves and turn off the main switch using a piece of rubber, plastic or dry wood while standing on a dry board to avoid electrocution.
- Do not pump the basement until the water has gone down, as pumping a water-filled basement could result in the walls collapsing.
- Never use a gas-powered pump or generator in an enclosed area; carbon monoxide fumes could overcome you.
- Test plumbing and basement drains by pouring a bucket of water in them. If the water does not run out, remove the clean-out plug from the trap and rake out the mud with a wire.
- Do not rush to move back into your home. Before a house is habitable, it must be dried and thoroughly cleaned, since flood waters pick up sewage and chemicals as they travel.
- Open doors and windows to ventilate and dry the inside, and wait until all floors, ceilings, walls and furnishings are dry and free of mold and mildew before trying to repair or salvage them.

- Everything that flood water has touched should be disinfected. Scrub down walls and any other smooth, hard surfaces with a solution made of clean water and two-percent chlorine bleach. Two to three capfuls of chlorine bleach to a bucket of water are recommended. Wear gloves when disinfecting surfaces.
- Do not attempt to repair floors until they are fully dry. Dry wood floors as soon as possible by opening all doors and windows, which should prevent them from shrinking and deforming. Once dry, buckled floors may be drawn back into place with nails, and planing and sanding may remove humps.
- Remove drawers and clean all mud and dirt from wooden furniture. Be sure to dry furniture slowly and indoors to prevent the sun from warping it.
- If possible, simply air-dry family treasures such as books, photographs or paintings. If wet books, documents, photographs or textiles cannot be air-dried within 48 hours, freeze them if you have a freezer that is large enough. If not, keep them as cool as possible until air-drying is possible.
- Washers, dryers and furnaces can usually be cleaned and tested by qualified electricians. Replacing expensive appliances after a flood is usually not necessary.
- Mattresses, carpets and rugs should be discarded. In most cases, mattresses and rugs become so saturated with contaminated material that cleaning attempts are futile.

To deal with leaking home fuel tanks in flooded basements, remove the fuel oil from the surface of the water and place it in a container for disposal. The water that is under the product can be directed to the nearest waterway. After pumping your basement, try to remove and place in a container any remaining product and stop the leak in the tank.

If your private groundwater well or spring has been flooded, follow specific disinfection instructions to temporarily address the problem. These can be found in the Flood-related Information tab at www.dep.state.pa.us. You will need a bucket, garden hose, funnel and chlorinating compound, which is sold in liquid and granular form at grocery and home-improvement stores.

Even after the disinfection process is completed, water should be tested for bacteria. DEP's regional offices will be equipped by Monday with test kits to distribute at no cost to residents. For contact information for the regional office in your area, consult the Regional Resources tab of DEP's website. Until tested and found potable, continue to use bottled water or bring your water to a rolling boil and let it boil for at least one minute. Bottled or boiled water should be used for drinking, cooking, food preparation, dishwashing, making ice and coffee, mixing baby formula and brushing teeth.

For assistance beyond what is available on DEP's website, call 1-866-255-5158 any time or consult the Penn State University Cooperative Extension's Master Well Owner Network at <http://extension.psu.edu/water/mwon>.

For more information, visit the Flood-related Information page at www.dep.state.pa.us.

Media contact: Katy Gresh, 412-298-7538 (cell)

