

# Weber Mosquito Abatement District

## Pesticide Spill Response Plan

The improper use or accidental release of a pesticide may pose serious health or environmental hazards. Accidental spills and releases must be managed quickly and efficiently to protect human health and the environment. Additional information on the handling and use of pesticides can be found in the Labels & Material Safety Data Sheet (MSDS) book in the Weber Mosquito Abatement District office located at 505 West 12<sup>th</sup> Street, Ogden, Utah 84404.

During pesticide emergencies, the first priority is the safety of personnel involved in the accident. The next priority is spill containment and clean-up to minimize environmental contamination. This plan outlines field response and reporting procedures to follow in the event of a pesticide spill. This plan applies to all Weber Mosquito Abatement District personnel and contractors when an accident occurs involving transport, application, use or handling of a pesticide. Included are emergency response telephone numbers, field personnel duties, and spill documentation procedures.

### **IN THE EVENT OF A SPILL, IMMEDIATELY.....**

1. Administer First Aid to the Injured or Contaminated Persons
2. Identify Type of Pesticide Released
3. Notify the Appropriate Authorities
4. Contain the Spill if Possible
5. Quarantine the Area
6. Complete Pesticide Emergency Response Record
7. Develop a Clean-Up Plan Where Appropriate

#### **1. Administer First Aid to the Injured or Contaminated Persons**

The first priority in pesticide emergencies is the protection of personnel involved in the accident, spill containment, and clean-up. Any injured parties should be removed from the contaminated area immediately. Contaminated clothing should be removed. All persons should avoid direct contact with the spilled material until it is positively identified. If the released chemical is known, the appropriate procedures for administering first aid and decontamination will be described on label information and MSDS. For most pesticides, washing with water and detergent is the best method. Injured parties should be transported to medical facilities as soon as possible with the name of the released material, label, and MSDS accompanying the injured person.

#### **2. Identify Spilled Material**

To administer the most appropriate emergency response, the spilled pesticide must be accurately identified. Pesticide label information and MSDS should accompany all personnel and their contractors if a pesticide is handled, transported, applied, or used. The MSDS will provide information concerning appropriate response procedures for administering emergency aid to affected parties and appropriate protective clothing for containing a spill. The transporter and applicator of the pesticide must carry records describing mixtures of all pesticides applied.

#### **3. Notify Authorities**

Pesticides can pose serious threats to human health and the environment and should be handled with extreme care. In the event of a release, follow these specific notification procedures. The following authorities may need to be contacted:

Weber MAD Director	(801) 719-0192 cell (801) 392-1630 office
Local Emergency Response	911
<u>or</u>	
Weber County Sheriff's Office	(801) 778-6600
Utah Department of Environmental Quality	(801) 536-4123
National Response Center	(800) 424-8802
**Poison Control Center	(800) 222-1222
***Chemtrec	(800) 424-9300

\*All pesticide spills and releases must be reported to the Utah Department of Environmental Quality **within 48 hours**. The written report must include the time of the incident, its location, pesticide name, type of formulation, method of application and contact for the project. The report should also include all parties involved in the incident including the names and addresses of affected parties where the spill occurred. **If the spilled pesticide is classified as either extremely toxic or highly toxic, the Department of Agriculture must be notified immediately.**

\*\* For specific information about response procedures and first aid for injured or contaminated persons.

\*\*\* The Chemical Manufacturer's Association maintains this 24 hour information hotline to fire and police crews responding to chemical accidents and spills and provide information about chemicals and their related health and environmental hazards.

Only speak with emergency response personnel or those on the above contact list. Never discuss the accident or spill with the general public or the media. Refer these questions or requests to a supervisor or emergency personnel.

#### **4. Contain the Spill**

Once the spill material is positively identified, it must be contained as soon as possible. Technical labels and MSDS provide information on protective clothing requirements for clean-up personnel. Generally, it will be clothing similar to the protective clothing required for application.

Put on all necessary protective clothing, including respirators, before approaching the spill. Approach the spill from an upwind direction. Avoid inhaling fumes, vapors, and dusts from the spill. Smoking is not allowed in a spill area. Examine the area and determine an effective method to contain the spill. Any person attempting to contain a spilled pesticide should also follow these guidelines:

- Minimize human contact with the spill, using mechanical equipment if possible
- Avoid raising dust
- Avoid diluting material with water (except for misting dry substances)
- Treat all absorbent material used during containment as hazardous waste
- Remove and dispose of all contaminated soil as a hazardous waste
- Wash and properly decontaminate hands and face prior to consuming food

## **Spill Containment Methods**

### Liquid Spills

- Create small collection pools for runoff
- Create dikes to impound runoff
- Cover spill material with approximately double its volume in absorbent material (hydrated lime, saw dust, kitty litter, etc)
- Transfer absorbent material into an impermeable barrier (e.g. tarp)
- Divert spilled material away from open waters
- Monitor and plug leaks in containment structures

### Dry Material Spills

- Cover with a plastic tarp and secure edges of the tarp
- Spray fine mist to minimize dust
- Shovel material into clearly marked plastic bags or drums and seal

## **5. Quarantine Area**

In the event of a spill, restrict access to the site, using physical barriers such as emergency tape, flagging, or signs. Only authorized personnel with the appropriate protective clothing should be allowed in the spill area. The area should be secured to prevent entry of unauthorized personnel or animals from entering the spill area.

**\*\*DO NOT LEAVE THE SCENE OF A SPILL UNTIL RELEASED BY A SUPERVISOR OR OTHER EMERGENCY PERSONNEL\*\***

## **6. Record Pesticide Spill**

A pesticide spill or accident could potentially have effects that last longer than immediate health and environmental threats. It is important to document all events concerning the accident and spill. Important information should include the name and type of pesticide, appropriate label and MSDS, any injured or contaminated persons, amount spilled or released, location of spill, entry into a water body, and other important information. Use of the Pesticide Spill Emergency Response Form will help in the completion of this task.

# Pesticide Spill Emergency Response Form

Complete all appropriate items and add additional notes to describe special conditions or circumstances as well as actions taken. Take photos if possible and attach to this form.

1. Immediately contact the appropriate response agencies.
2. Were there injuries related to the spill?  Yes  No  
Were any individuals contaminated with pesticides?  Yes  No  
Was aid provided to affected individuals?  Yes  No  
Was transportation to a medical facility required?  Yes  No
3. Was a vehicle accident involved?  Yes  No
4. What materials/pesticides were involved? (attach MSDS) \_\_\_\_\_  
\_\_\_\_\_
5. Estimated amount of pesticide or pesticide mixture or other material spilled (gals or lbs)  
Product: \_\_\_\_\_ Amount: \_\_\_\_\_  gals  lbs  
Product: \_\_\_\_\_ Amount: \_\_\_\_\_  gals  lbs  
Product: \_\_\_\_\_ Amount: \_\_\_\_\_  gals  lbs  
Product: \_\_\_\_\_ Amount: \_\_\_\_\_  gals  lbs  
Product: \_\_\_\_\_ Amount: \_\_\_\_\_  gals  lbs
6. Location of incident (name of site): \_\_\_\_\_  
Township \_\_\_\_\_ Range \_\_\_\_\_ Section \_\_\_\_\_  $\frac{1}{4}$  \_\_\_\_\_  $\frac{1}{4}$  \_\_\_\_\_  
Highway / Road: \_\_\_\_\_  
Provide a description of the site: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Date: \_\_\_\_\_  
Time of incident: \_\_\_\_\_  am  pm
7. Is there danger of surface water contamination?  Yes  No  
Direction and distance to nearest surface water: \_\_\_\_\_  
Has any pesticide or other material entered a water body?  Yes  No  
If 'Yes', name of water body: \_\_\_\_\_  
Is there a danger of ground water contamination?  Yes  No  
Direction and distance to nearest well: \_\_\_\_\_  
General soil type:  large rock / cobble  gravel  sand  loam  clay  hard surface

8.

Site Sketch:

9.

Describe Incident: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

10.

List Agencies Notified:

Weber MAD Office (801-392-1630)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	When: _____
Weber MAD Director (801-719-1092)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	When: _____
Local Emergency Response (911)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	When: _____
Weber County Sheriff (801-778-6600)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	When: _____
Utah Dept of Environ. Quality (801-536-4123)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	When: _____
Poison Control Center (800-222-1222)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	When: _____
National Response Center (800-424-8802)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	When: _____
Chemtrec (800-424-9300)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	When: _____

12.

Report Completed By:

Name: \_\_\_\_\_ Date: \_\_\_\_\_