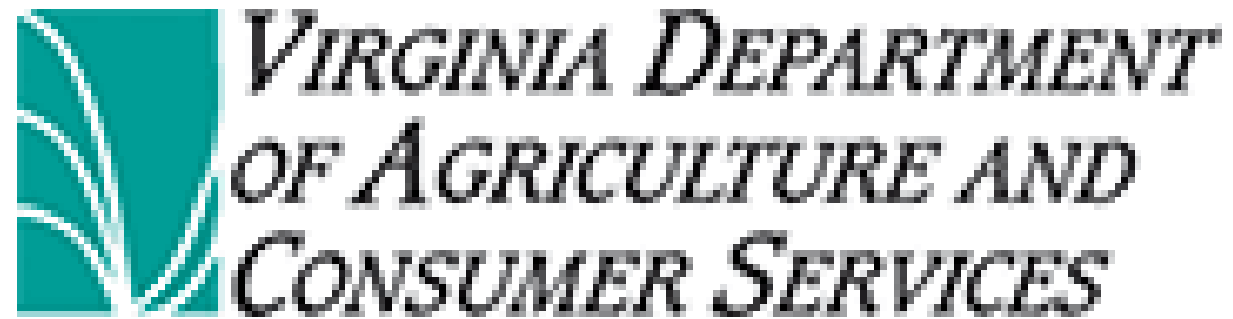


# PESTICIDE SPILL RESPONSE AND VDACS



# Regulatory Authority

- State Law – *Virginia Pesticide Control Act (Act)*
  - Regulations Pursuant to the Act
    - Pesticide Product Registration, Handling, Storage, and Disposal
    - Pesticide Fees Charged
    - Licensing of Pesticide Businesses
    - Pesticide Applicator Certification
    - Pesticide Containers and Containment

## VIRGINIA PESTICIDE LAWS & REGULATIONS

### Virginia Pesticide Laws & Regulations

- [Virginia Pesticide Control Act](#)
- [Chapter 670](#) Regulations Governing Pesticide Product Registration, Handling, Storage and Disposal under Authority of the Virginia Pesticide Control Act
- [Chapter 675](#) Rules and Regulations Governing the Pesticide Fees Charged by the Department of Agriculture and Consumer Services under the Virginia Pesticide Control Act
- [Chapter 680](#) Regulations Governing Licensing of Pesticide Businesses Operating under Authority of the Virginia Pesticide Control Act
- [Chapter 685](#) Regulations Governing Pesticide Applicator Certification under Authority of Virginia Pesticide Control Act
- [Chapter 690](#) Regulations for Pesticide Containers and Containment under Authority of the Virginia Pesticide Control Act

- 2VAC5-685-170. Reporting of pesticide accidents and incidents.
- A. Certified commercial or private applicators or registered technicians shall report any pesticide accident or incident in which they are involved that constitutes a threat to any person, to public health or safety, or to the environment, as a result of the use or presence of any pesticide. The accident or incident shall be reported whether or not a restricted use pesticide is involved.
- B. When the accident or incident involves a discharge or spillage of a pesticide, the certified commercial or private applicator or registered technician shall contact the department for guidance to determine whether the discharged or spilled amount is a reportable quantity.
- C. The certified commercial or private applicator or registered technician shall make the initial notification to the department's Office of Pesticide Services by telephone within a reasonable time, not to exceed 48 hours after the accident or incident occurrence, should circumstances prevent immediate notification. The certified commercial or private applicator or registered technician shall prepare and submit a written report of the accident or incident to the Office of Pesticide Services within 10 working days after the initial notification. The report shall include the following:
  - 1. Name of individuals involved in accident or incident;
  - 2. Name of pesticide involved;
  - 3. Quantity of pesticide spilled and containment procedures;
  - 4. Time, date, and location of accident or incident;
  - 5. Mitigating actions taken; and
  - 6. Name, or description if unnamed, and location of bodies of water nearby where contamination of such bodies of water could reasonably be expected to occur due to natural or manmade actions.
- **Statutory Authority**
- § [3.2-3906](#) of the Code of Virginia.

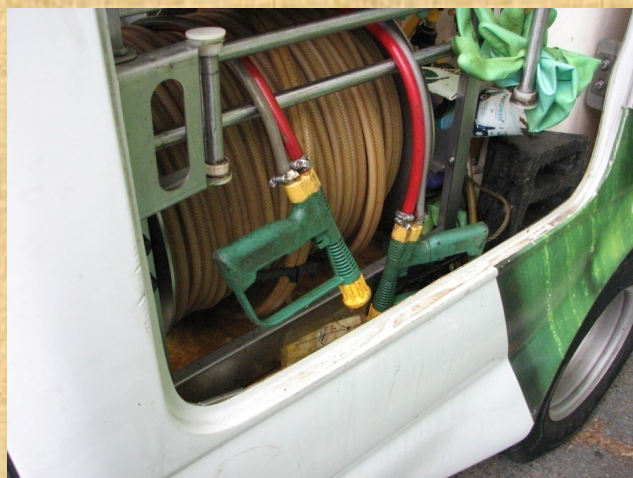


# Reporting Requirements: Accidents and Incidents\*



- Certified commercial or private applicators or registered technicians shall report any pesticide accident or incident in which they are involved **that constitutes a threat to any person, to public health or safety, or to the environment, as a result of the use or presence of any pesticide.**
- Includes both general use and restricted use pesticides.
- No minimum amount.
- Pesticide accidents/incidents should be reported to VDACS within 48 hours by phone and within 10 days in writing.
- Telephone number: (804) 371-6560
- Reports include:
  - Name of individuals involved in accident or incident;
  - Name of pesticide involved;
  - Quantity of pesticide spilled and containment procedures;
  - Time, date, and location of accident or incident;
  - Mitigating actions taken; and
  - Name, or description if unnamed, and location of bodies of water nearby where contamination of such bodies of water could reasonably be expected to occur due to natural or manmade actions.

***\*There may be other reporting requirements outside of the Act & Regulations...***



# Pesticide Application Equipment



LEAKS ARE SPILLS



**Pesticide Spill Response**  
**Remember the 3**  
**“C”s:**  
**Control, Contain,**  
**Cleanup; Add a 4<sup>th</sup>**  
**“C”: Contact**

---

*UNINTENTIONAL  
GRANULAR AND OTHER  
DRY PRODUCT SPILLS  
TO NON-TARGET SITES  
ALSO REQUIRE  
ATTENTION.*



# Pesticide Spill Kit



Yes, you can certainly make your own pesticide spill kits.



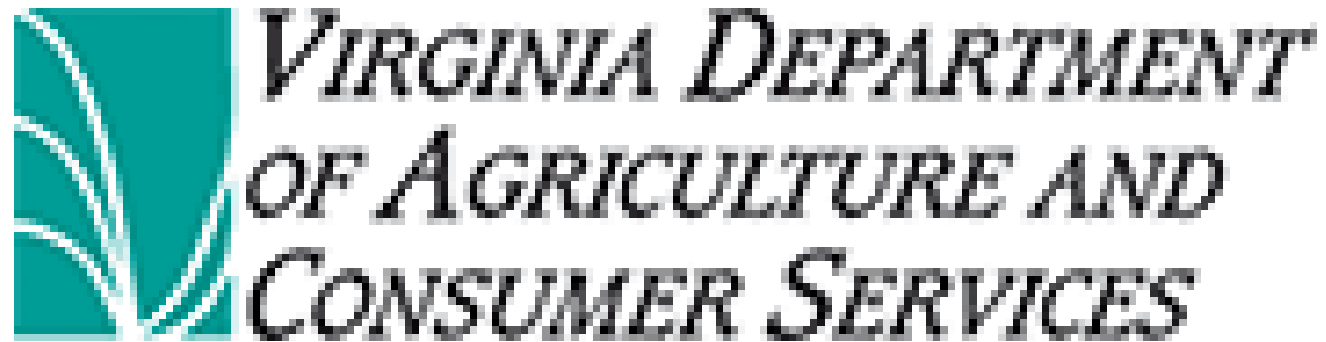
Add a broom and dust pan to clean up dry product spills.



# Street Spills



- Let's take a look into the Virginia Department of Agriculture and Consumer Services pesticide archive files at a relevant case study.





Responsibilities Of ALL Virginia Pesticide Applicators



# PESTICIDE RELATED ACCIDENTS







View of pasture to be treated with herbicides before planting





ACCIDENTS CAN  
HAPPEN.

View of a sheep/hay feeder station. The driver of the spray vehicle was moving the feeder out of the way when the parking brake slipped and the unmanned truck rolled out of control, downhill. The main spray tank valve ruptured upon impact, spilling several hundred gallons of herbicide dilution into a nearby creek.





ACCIDENTS CAN  
HAPPEN ANYWHERE  
AND ANYTIME.

View of crash site looking downhill (west). The tracks made by the spray truck as it rolled downhill through the pasture grass to the creek bottom can be seen in this photo. The operators of the front-end loader and a dump truck loaded with dirt are constructing the first of two dams.





Stream emptied into a nearby river which provides water for two counties. Absorbent pads used to help collect contaminants in the creek water.





PESTICIDE SPILL  
SUPPLIES: DON'T  
LEAVE THE OFFICE  
WITHOUT THEM.

View of other pads placed in  
creek by the spray truck  
driver after accident.





View of the second dam (500 yds+ downstream from first dam) created to collect the water between the two dams. The water was removed by the pump trucks.

PESTICIDE SPILL  
REMEDICATION CAN  
SOMETIMES  
REQUIRE THE NEED  
FOR OTHERS TO  
HELP  
(PROFESSIONALS  
TRAINED IN SPILL  
REMEDICATION).





Cattle located downstream on a neighboring property had to be moved from the area.





Two Pump-Tankers arrived at farm to collect contaminated water from the creek.





View of 5,500-gallon tanker used to collect water from the creek.





Another view of the 5,500-gallon tanker.



Rear view of tanker truck





View of 3,500-gallon tanker truck used for collecting water from the creek.





Another view of the 3,500-gallon tanker truck used for collecting water from the creek.





Another view of the wrecked spray truck.





This accident was reported to VDACS. No one was seriously harmed in this accident.





Please always be sure to buckle up.



- **REMINDER:** It is not a violation to report a pesticide accident or incident in Virginia. It may be a violation if such a pesticide accident or incident is not reported and the Virginia Department of Agriculture and Consumer Services learns about it through other means.

***\*There may be other reporting requirements outside of the Act & Regulations...***



- The events shown in this slide set and the information presented were included as a reminder that pesticide accidents and incidents can happen. If those occurrences present a threat to human health or to the environment or you think that they might, please report those, as an applicator, to your supervisor. It is in this way that your organization will be able to report such occurrences, if so required, to the Virginia Department of Agriculture and Consumer Services.
- Virginia's pesticide applicator certification regulations hold certified commercial applicators and registered technicians, including such governmental employees, responsible for reporting pesticide accidents and incidents to VDACS.



***If you don't know or simply need to contact us, we are only a phone call away or an e-mail message away.***

**Program Manager  
804-371-6559**

**Environmental  
Programs  
804-371-6561**

**Certification, License  
Registration, &  
Training (CLRT)  
804-786-3798**

**Enforcement & Field  
Operations  
804-371-6560**

**Compliance  
804-371-8485**

**<http://www.vdacs.virginia.gov/pesticides.shtml>**

**Email: [opsclrt.vdacs@vdacs.virginia.gov](mailto:opsclrt.vdacs@vdacs.virginia.gov)**

**[robert.christian@vdacs.virginia.gov](mailto:robert.christian@vdacs.virginia.gov)**

**757-334-3966**