

Household Hazardous Waste Stakeholder Meeting  
June 22, 2017

# Household Hazardous Waste: What is it, and Why is Good Management Important ?

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**Addison County Solid Waste Management District**

# VT Materials Management Plan

- “Hazardous waste” means any waste or combination of wastes ... which are **toxic, corrosive, ignitable, reactive, strong sensitizers**, or which generate pressure through decomposition, heat or other means, ... or contribute to, an increase in **mortality** or an increase in serious irreversible or incapacitating reversible **illness**, taking into account the toxicity of such waste, its persistence and degradability in nature, and its potential for assimilation, or concentration in tissue, and other factors that may otherwise cause or contribute to **adverse acute or chronic effects on the health of persons or other living organisms**, or any matter which may have an unusually destructive **effect on water quality** if discharged to ground or surface waters of the state.

# VT Materials Management Plan

- “Household Hazardous Waste” (HHW) means any waste from households (including single and multiple residences, hotels and motels, bunkhouses, ranger stations, crew quarters, campgrounds, picnic grounds and day-use recreation areas) that would be subject to regulation as hazardous wastes if it were not from households.





**Toxic  
Poison  
Warning  
Danger  
Hazard  
Caution**



# What is HHW?

Acetone  
Acids  
Adhesives  
Algaecides  
Ant killer  
Antifreeze  
Aerosol cans of paint  
Ammonia  
Auto body filler  
Automotive fluids  
Chlorine bleach  
Batteries  
Brake fluid  
Brush cleaner or solvent  
Bug spray  
Contact cement

Deck sealer  
Drain openers and cleaner  
Driveway sealer  
Dry cleaning solvents  
Flea and tick products  
Fluorescent bulbs  
Fly killer  
Fuel line additives  
Fuels mixed with water  
Fungicides  
Furniture polish  
Gasoline and other fuels  
Hair dyes  
Lead-acid batteries  
Lime/rust remover  
Lithium batteries  
Manometers  
Mercury, elemental  
Mercury thermometers  
Mercury thermostats  
Mineral spirits  
Moth balls

Nail polish  
Nail polish remover  
Naphtha  
Oil based paint (liquid or solid)  
Oily waste  
Oven cleaners  
Paint stripper  
Parts cleaner  
Pesticides & herbicides  
Photographic chemicals  
Pool chemicals  
Primers, shellacs & stains  
Rat / mouse / roach poison  
Rug and upholstery cleaners  
Solvent-based glues  
Stump Remover  
Tar  
Transmission fluid  
Tub and tile cleaners  
Turpentine  
Varnish  
Weed killer  
Wood preservative

# Why Have Collection Programs?

- Easy to hide in trash or dispose of illegally
- Eventual issue for landfill
- Hazards in home / workplace
- Hazards to facilities / haulers
- Hazards to first responders



# Why Have Collection Programs?

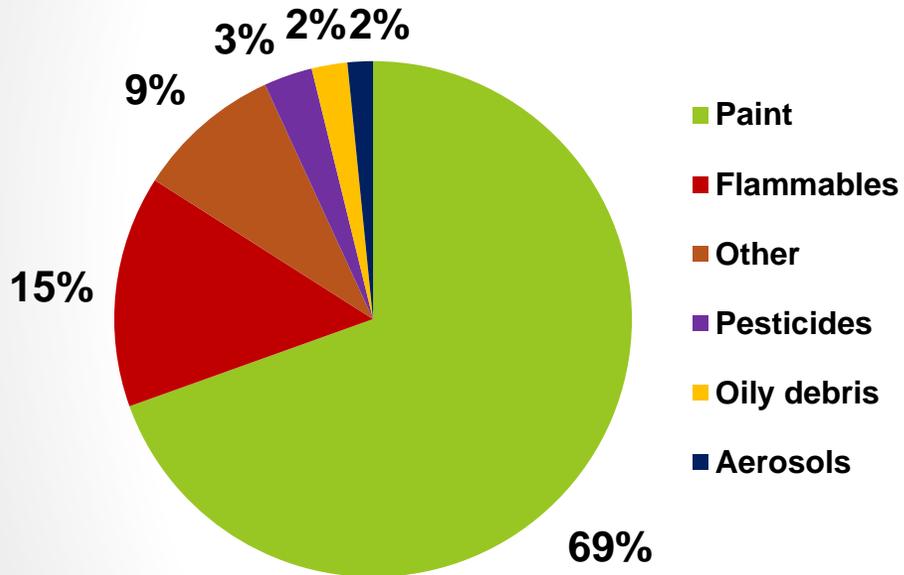
- New homeowners / home sales
- Small businesses need convenient, affordable disposal options
- Improper storage can result in large spills
- Farms wastes, incl. pesticides / herbicides
- Schools – lab cleanouts
- Educational opportunities for purchasing & using less toxic products



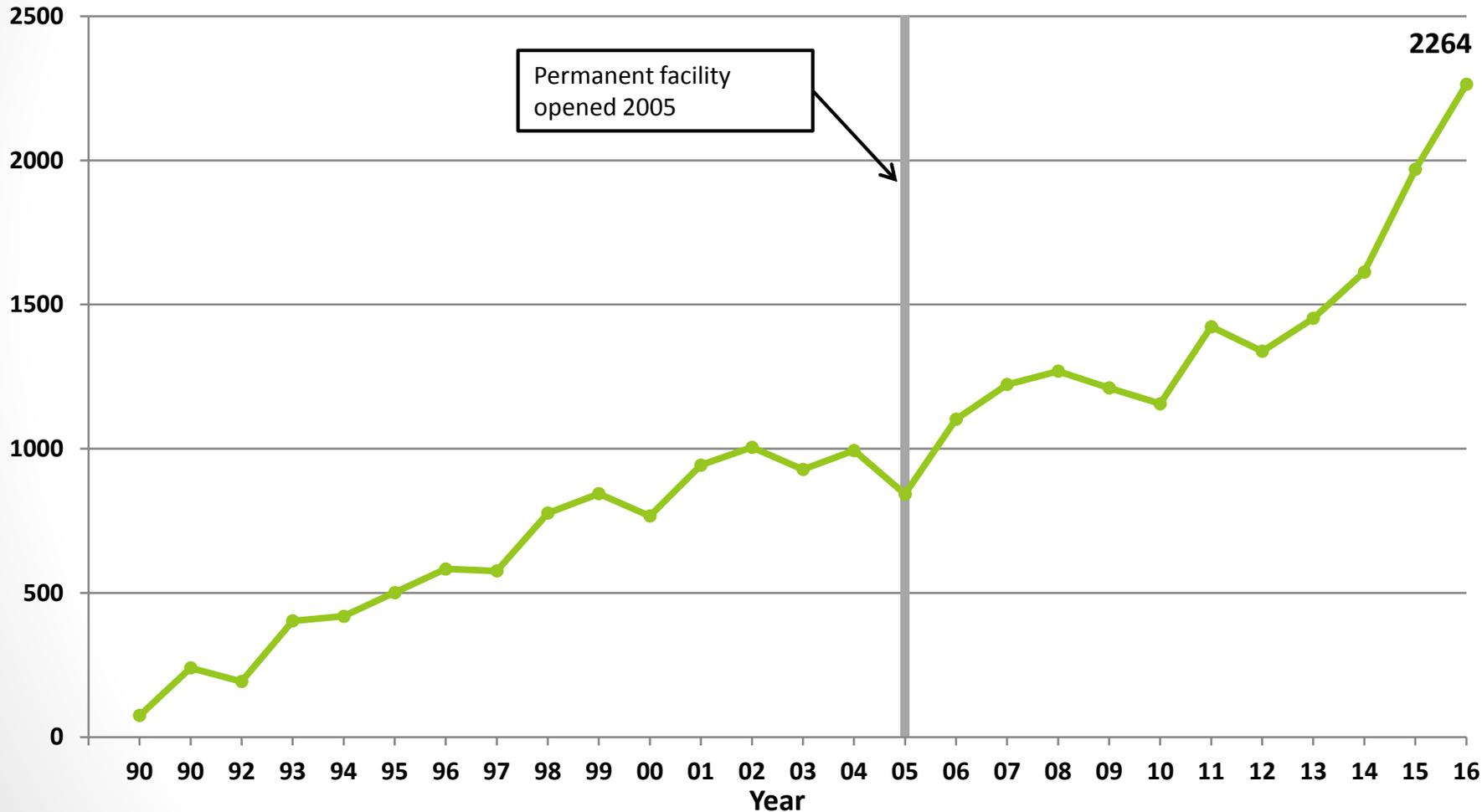
# Addison County Solid Waste Management District HazWaste Center



# ACSWMD HazWaste Center Collections



# ACSWMD HazWaste Center 2016 Participation



Households  
(seasonally  
adjusted):  
14,219

Participation  
Rate: **15.9%**

Conditionally-  
Exempt  
Generators:  
**85**

# ACSWMD Hazardous Waste 2016 Collection Costs

Labor .....	58,038
Disposal .....	23,539
Advertising .....	3,779
Facility Costs .....	18,169
Training .....	1,792
Total .....	\$105,317

