

HB 2955: Product Stewardship for Household Hazardous Waste



House Committee on Energy and Environment February 10, 2021

HB 2955 Product Stewardship for Household Hazardous Waste

- What is Household Hazardous Waste (HHW) and why is it a problem?
- Why Product Stewardship for HHW?
- How will the program work?

If residents have no quick & easy way to properly dispose of HHW...



... it may languish in storage...



Or worse...

In 2014 there were more than 300,000 reported exposures to pesticides, cleaning products, solvents, and other chemicals

American Association of Poison Control Centers

... or be dumped

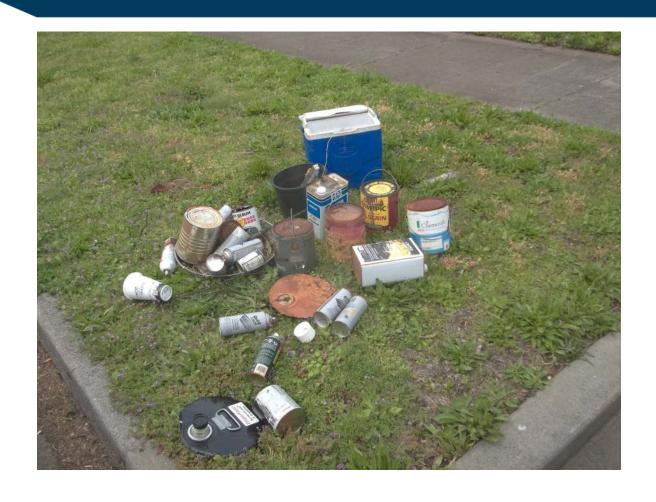


Photo courtesy of Metro's RID (Report Illegal Dumping) Patrol

Solid waste workers are at risk



Improper Hazardous chemical disposal puts recycling facility and sanitation workers at risk

May 26, 2016

Source: Milwaukee Dept. of Public Works press release

Old chemicals, gasoline, and propane cylinders should not be put in garbage or recycling carts

With a recent incident involving a garbage truck on the City of Milwaukee's west side and a separate incident of a small fire at the Materials Recovery Facility (MRF), the City of Milwaukee Department of Public Works (DPW) reminds residents to not dispose of hazardous waste in your garbage or recyclable carts.

Chemicals, gasoline, and propane cylinders pose a very serious health risk to collection crews and MRF staff members. In an incident earlier in May, muriatic acid placed in a resident's garbage cart created a gas, and two DPW Sanitation drivers were taken to the hospital for inhaling the fumes and were later cleared to return home.



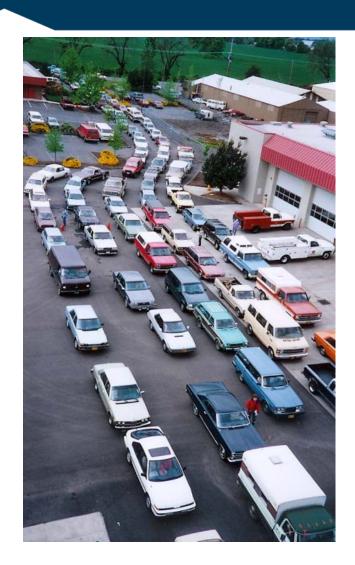
FEATURED

Modern workers suffer chemical burns while collecting garbage in Lewiston

POLICE: Workers sprayed by unknown liquid while collecting garbage.



HHW Collection Events









We aren't getting it all



Why Product Stewardship for HHW?

- Public demands to protect health & the environment
- Local governments with DEQ support have been carrying the burden
- Manufacturers have a responsibility to fulfill





Product Stewardship

Product stewardship is providing services statewide in Oregon for e-waste & paint











Product Stewardship Approach

- Manufacturers that sell products into the state provide a program for their proper end-of life management
- State and local governments and solid waste rate payers currently bear the cost of safely managing and disposing HHW and have done so for decades.
- It is time for manufacturers to take responsibility for the hazardous products they sell and cover the cost of these needed programs.

Product Stewardship Approach

- Under the program, costs to rate payers and to the environment from mismanaged products will be covered by producers.
- This is both fair and will provide an incentive for producers to create less hazardous and costly products.

Product Stewardship How it works

- Manufacturers join stewardship organizations
- Stewardship organizations submit plans
 - Local providers (collectors, processors)
 enlisted as participants in plans
 - Plans describe how they meet
 convenience & environmental standards

Product Stewardship How it works

- The stewardship organization recovers the cost of program from its member manufacturers.
- The cost of the program will include reimbursing the state for the cost of overseeing the program.

HB 2955 Product Stewardship for HHW

Follows stewardship approach

Key elements include:

- Covered products
- Financing
- Performance

HB 2955 Scope of Covered Products

- Cover higher hazard, costly to manage products
- Not appropriate to return to retail



HB 2955 Examples of Covered Products

- Flammable products including solvents
- Toxic home & garden products containing herbicides or pesticides
- Corrosive or reactive products like oven cleaners & pool chemicals.





HB 2955 Products *NOT* Covered

Where return to retail is a potential option:

- Pharmaceuticals (new stewardship law)
- Batteries
- Mercury containing products (thermostats, lamps)
- Medical sharps (needles)







HB 2955 Financing

- Stewardship organizations decide how to raise funds & apportion program costs among its members
- No state approved fees at point of sale (not like paint)
- DEQ cost to administer covered by manufacturers

HB 2955 Performance

- Build on current system
- Ensure environmentally sound management
- Meet convenience standard

THANK YOU

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Garbage and recycling
Land and transportation
Oregon Zoo
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