



Addison County Solid Waste
Management District

Household Hazardous Waste Workshop

NH Municipal Association

Addison County Solid Waste Management District

- ▶ Transfer Station in Middlebury, Vermont
- ▶ 19 Member Towns
- ▶ ~31,000 people
- ▶ Smallest town just over 200 people

State of Vermont
Solid Waste Planning Entities



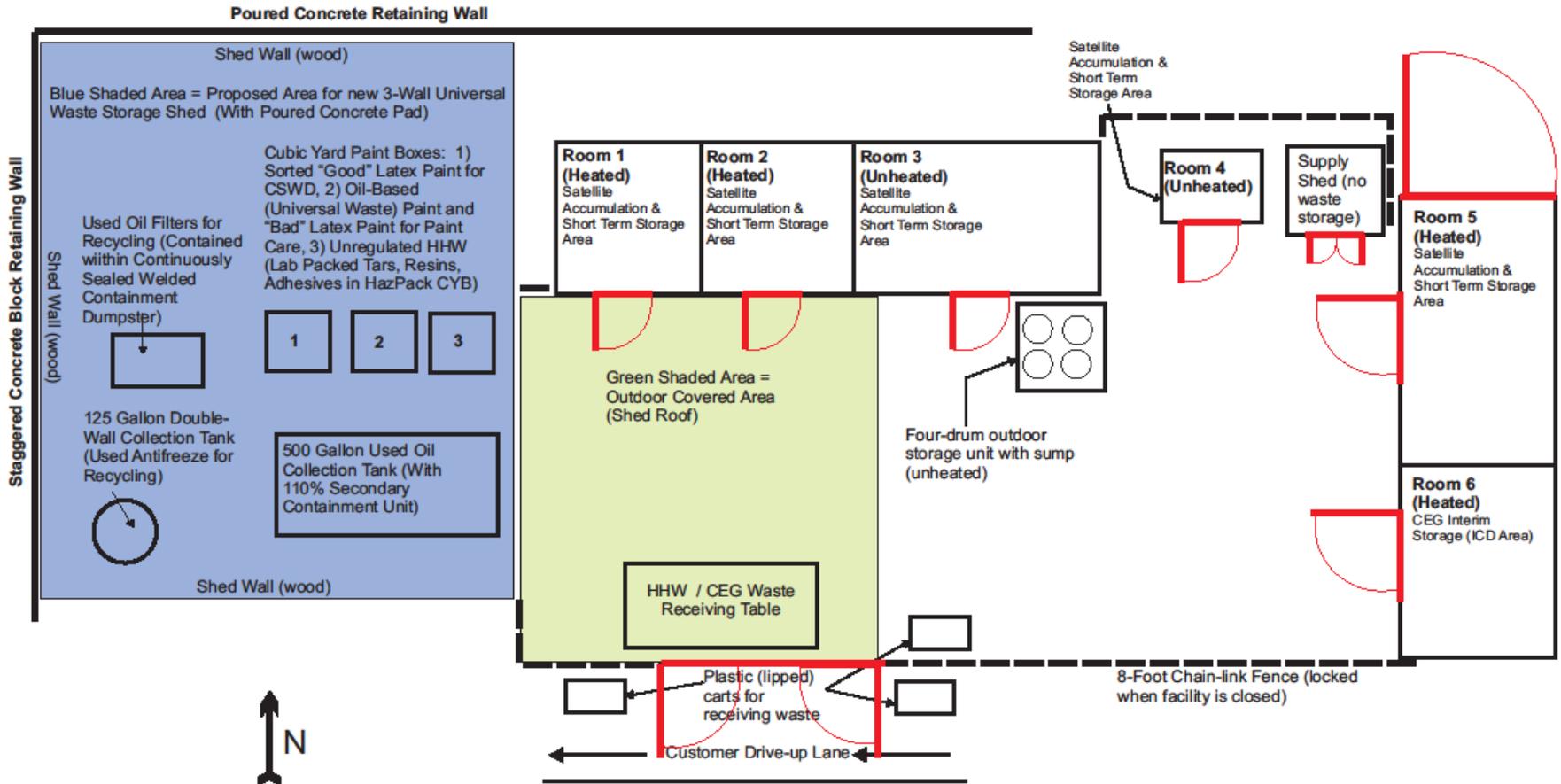
Where we started

- ▶ 22 collection events in 2003
- ▶ Contractor set-up fees increasing rapidly
- ▶ Event permits, coordination lots of work
- ▶ Traffic/site safety concerns
- ▶ Some events very small
- ▶ No winter option for HHW
- ▶ Not convenient for CEGs
- ▶ Most recycled or Universal wastes (E-waste, bulbs, batteries, motor oil, oil filters, mercury devices, antifreeze, propane tanks managed and tracked separately

Where we are now

- ▶ Permanent, year-round facility open 308 days per year
- ▶ Facility on same site as solid waste transfer station, and District office
- ▶ No special events now, but will return to some events in 2017 (to satisfy VT's new convenience standard)
- ▶ We've always collected latex paint, and continue to do so
- ▶ Small Quantity Generator (Accepting CEGs)

Addison County
Solid Waste Management District
HazWaste Center Facility Map
NOTE: Drawing Not to Scale





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Operations

- ▶ Staffing
 - 5 cross-trained
- ▶ Open Hours for Residential
 - About 5 per day
- ▶ Communications!!
- ▶ Sorting / Packing / Bulking
- ▶ CEGs and Trash Haulers
 - One every 3 days
- ▶ Daily Inventory/Inspection





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Program Products

These products have fees and are accepted at drop-off sites:

- Interior and exterior architectural paints: latex, acrylic, water-based, alkyd, oil-based, enamel (including textured coatings)
- Deck coatings, floor paints (including elastomeric)
- Primers, sealers, undercoaters
- Stains
- Shellacs, lacquers, varnishes, urethanes (single component)
- Waterproofing concrete/masonry/wood sealers and repellents (not tar or bitumen-based)
- Metal coatings, rust preventatives
- Field and lawn paints

Products must be in original containers with original labels.

Latex paint that is dried out and "rock hard" is also acceptable.



Non-Program Products

These products do not have fees and are not accepted at drop-off sites:

- Paint thinners, mineral spirits, solvents
- Aerosol paints (spray cans)
- Auto and marine paints
- Arts and crafts paints
- Caulking compounds, epoxies, glues, adhesives
- Paint additives, colorants, tints, resins
- Wood preservatives (containing pesticides)
- Roof patch and repair
- Tar and bitumen-based products
- 2-component coatings
- Deck cleaners
- Traffic and road marking paints
- Industrial Maintenance (IM) coatings
- Original Equipment Manufacturer (DEM) (shop application) paints and finishes

Leaking, unlabeled, and empty containers are not accepted at drop-off sites.

To learn more, please call (855) 724-6809 or visit www.paintcare.org

Construction Costs

- ▶ Prefab building: \$41,000 (2nd Bldg. at no cost)
- ▶ Concrete pad: ~ \$10,000 (2 separate pours)
- ▶ Original canopy: \$8,200
- ▶ Fence: \$4,850
- ▶ Electrical (\$500 for 1st Bldg, ~ \$4,000 for 2nd Bldg)
- ▶ Misc. signage: \$100
- ▶ New shed for paint sorting area (non-haz): \$18,200
- ▶ **Total cost: Approximately \$86,850**

2015 Annual Budget

- ▶ Disposal: \$27,000
- ▶ Supplies: \$7,500
- ▶ Advertising: \$2,000
- ▶ Inspections: \$870
- ▶ Misc repairs/equipment: \$1,500
- ▶ Training: \$2,600
- ▶ **Total annual budget (not incl. staff labor):
\$41,470**
- ▶ **Staff labor, benefits, overhead: \$110,000**

Surprise!

- ▶ Picric acid
- ▶ Ether
- ▶ Ammunition
- ▶ Ag Pesticides
- ▶ Mayonnaise
- ▶ Jar of Mercury



Unknowns





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BULBS

ELECTRONICS

ALL OTHER
BULBS
ON TABLE

8" BULBS
HERE

4" BULBS
HERE

CUSTOMERS:
PLACE ELECTRONICS ON
TABLE OR DIRECTLY
ON THE GROUND
DO NOT PUT ANYTHING
INTO THE LARGE BOXES

ELECTRONICS
DISPOSAL BAN
ELECTRONICS
RECYCLING



- ▶ About 300,000 lbs/year = 1,000 lbs/day = about 1.5 gaylords each day

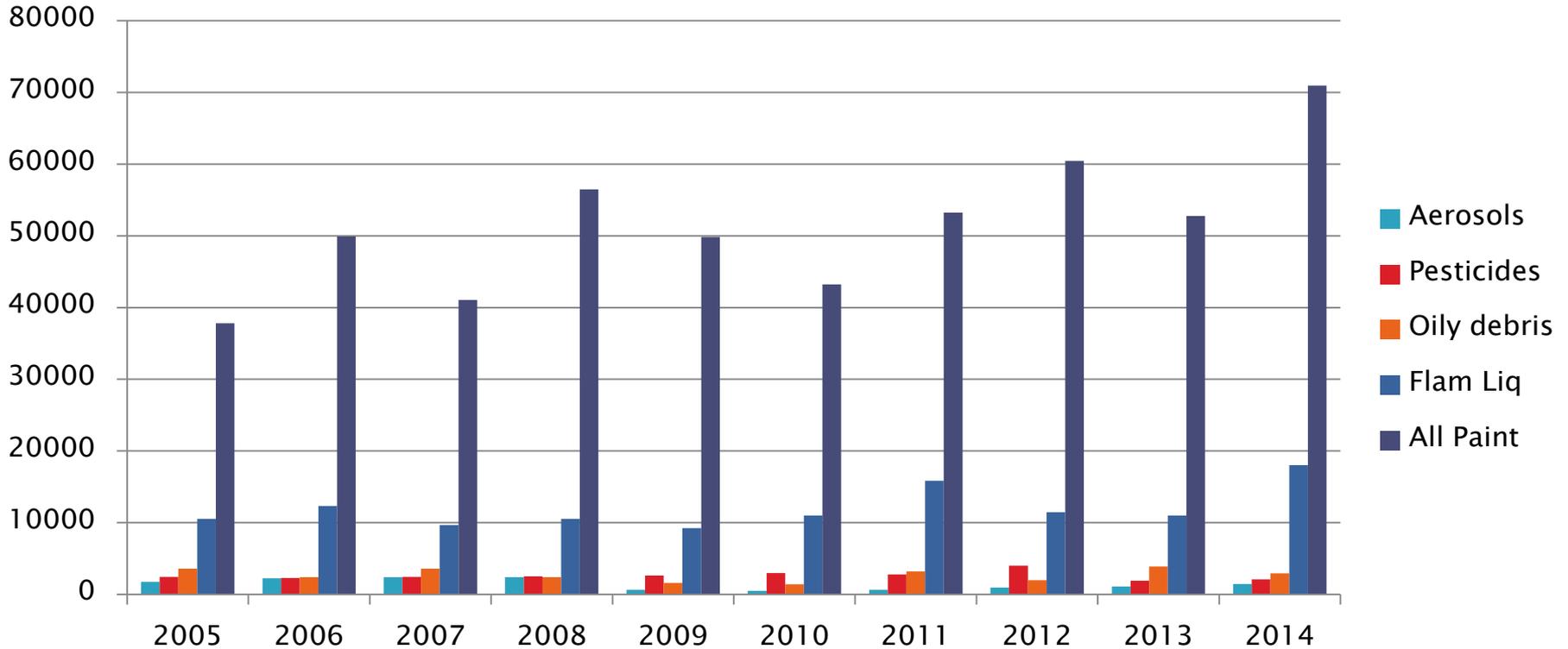


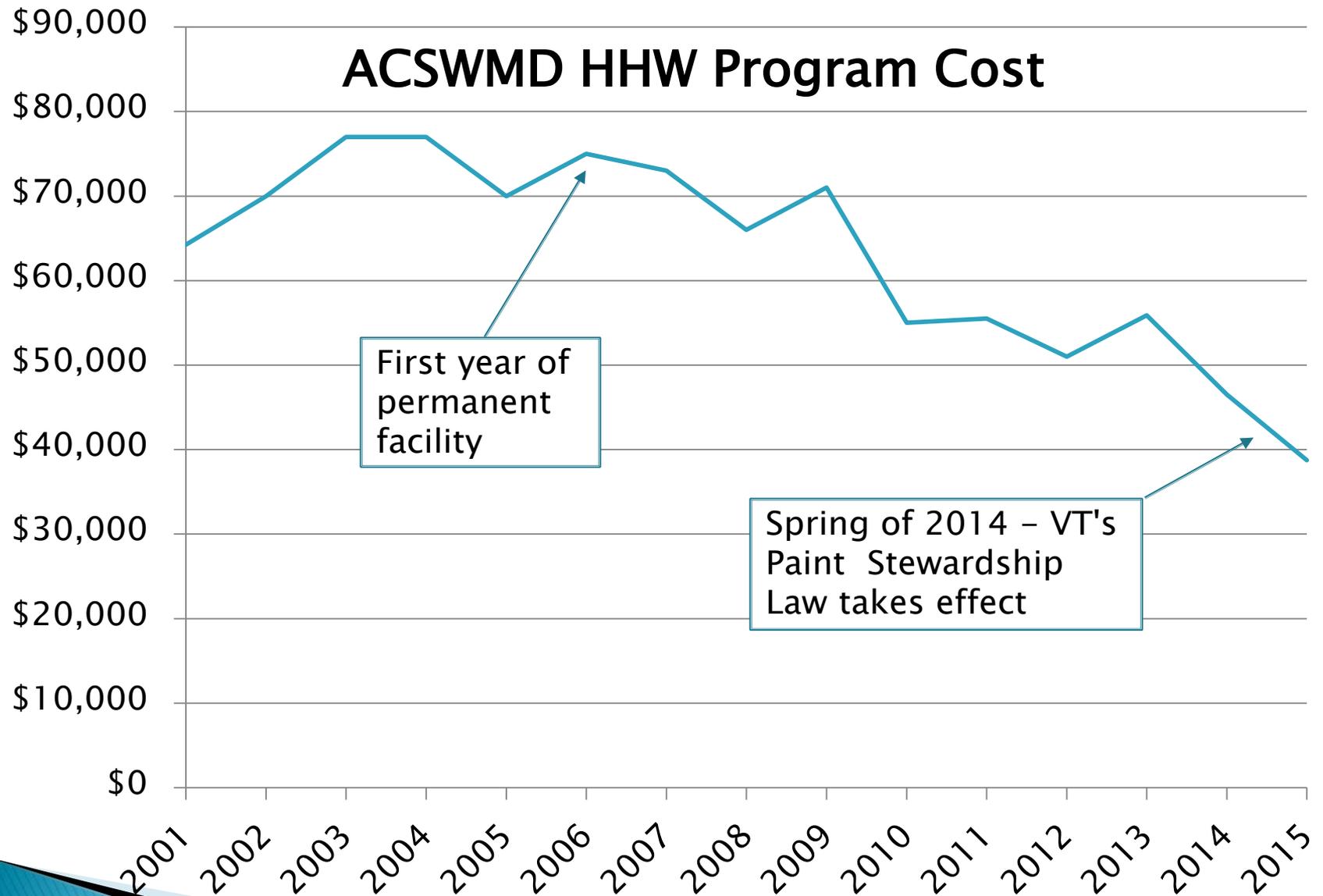


Training

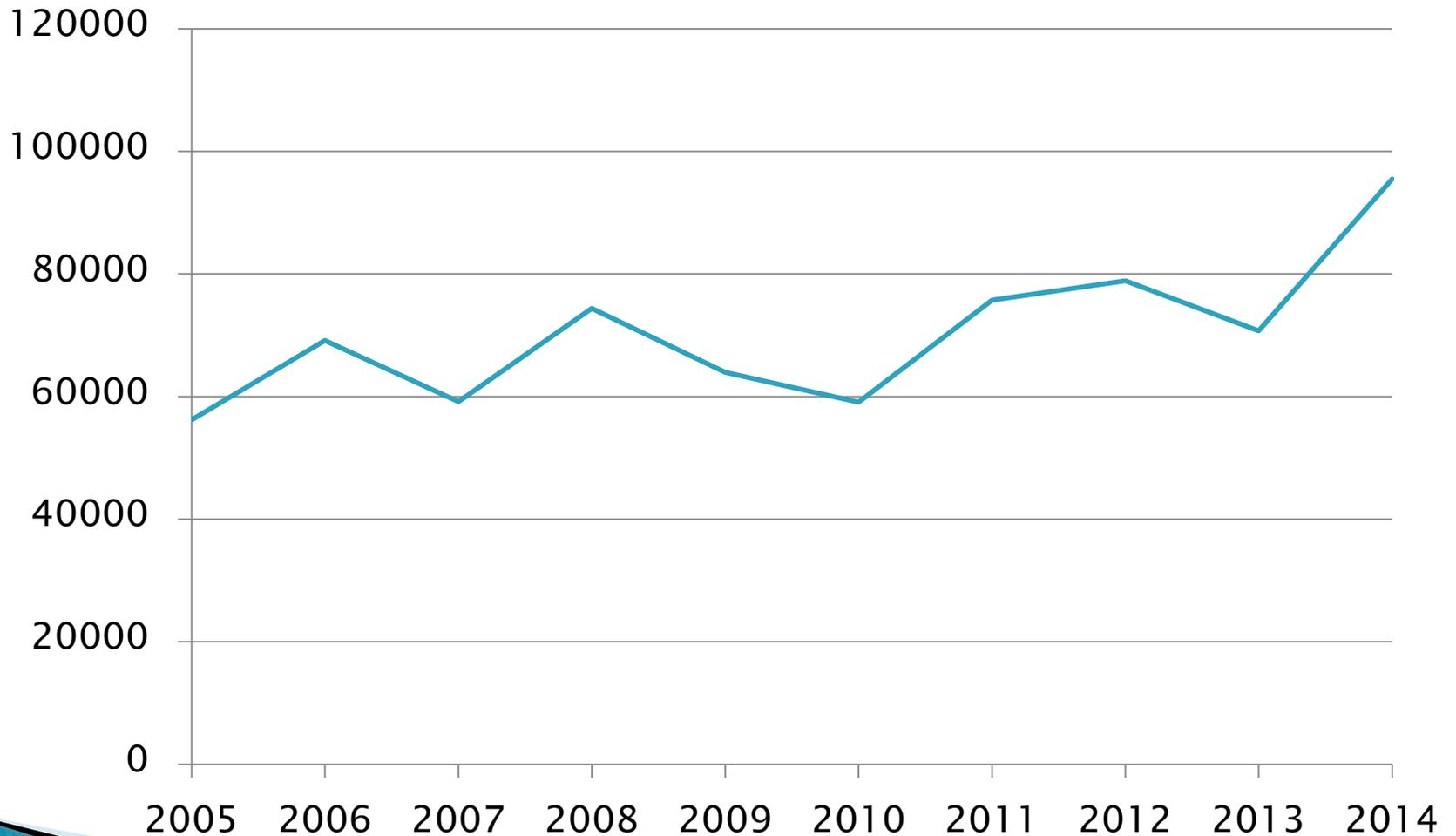
- ▶ HAZWOPER
- ▶ RCRA
- ▶ DOT
- ▶ Fire Extinguisher
- ▶ SPCC
- ▶ Forklift/PIT/Loading Dock Safety
- ▶ Respirator
- ▶ Facility Management Plan / Emergency Response
- ▶ Health and Safety Plan
- ▶ Fall Protection
- ▶ CPR / First Aid / HAZCOM / BB Path
- ▶ Asbestos Awareness?

Hazardous Waste (lbs) Collected at the HazWaste Center





Total (lbs) of Most Common Wastes Collected at the HazWaste Center



Thank You!

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- ▶ don@acswmd.org
- ▶ www.AddisonCountyRecycles.org