

Salt Lake County
Household
Hazardous Waste



Environmental Health

- ▶ Salt Lake County
 - ▶ Health Department
 - ▶ Environmental Health
 - ▶ Air Quality
 - ▶ Food Protection
 - ▶ Sanitation and Safety
 - ▶ Water Quality Bureau





What is household hazardous waste?

- ▶ The Environmental Protection Agency defines it as corrosive, toxic, or flammable products that can react or explode when mixed with other substances.
- ▶ The goal of the program is to reduce the amount of household hazardous waste (HHW) in homes and the environment.

What is not HHW?



- ▶ Dried latex paint
- ▶ Empty containers
- ▶ Alkaline batteries
- ▶ Paper, Plastic, Glass, Metal



Why?

Improper disposal affects more than just your trash can. It can contaminate **soil, water, and air.**

Operations - Facilities

Facilities

- ▶ One full-time at the Salt Lake Valley Landfill
- ▶ Partnership at the Trans-Jordan Landfill
- ▶ Sandy Household Hazardous Waste Collection Center
- ▶ This is all handled through an interlocal agreement



HHW SLV Facility

Top is north

Scale house to
the east.

PCC to the West



Trans-Jordan Landfill

- ▶ Transjordan supplies the labor
- ▶ We supply materials and cover disposal costs
- ▶ They subtract their costs from tonnage fees

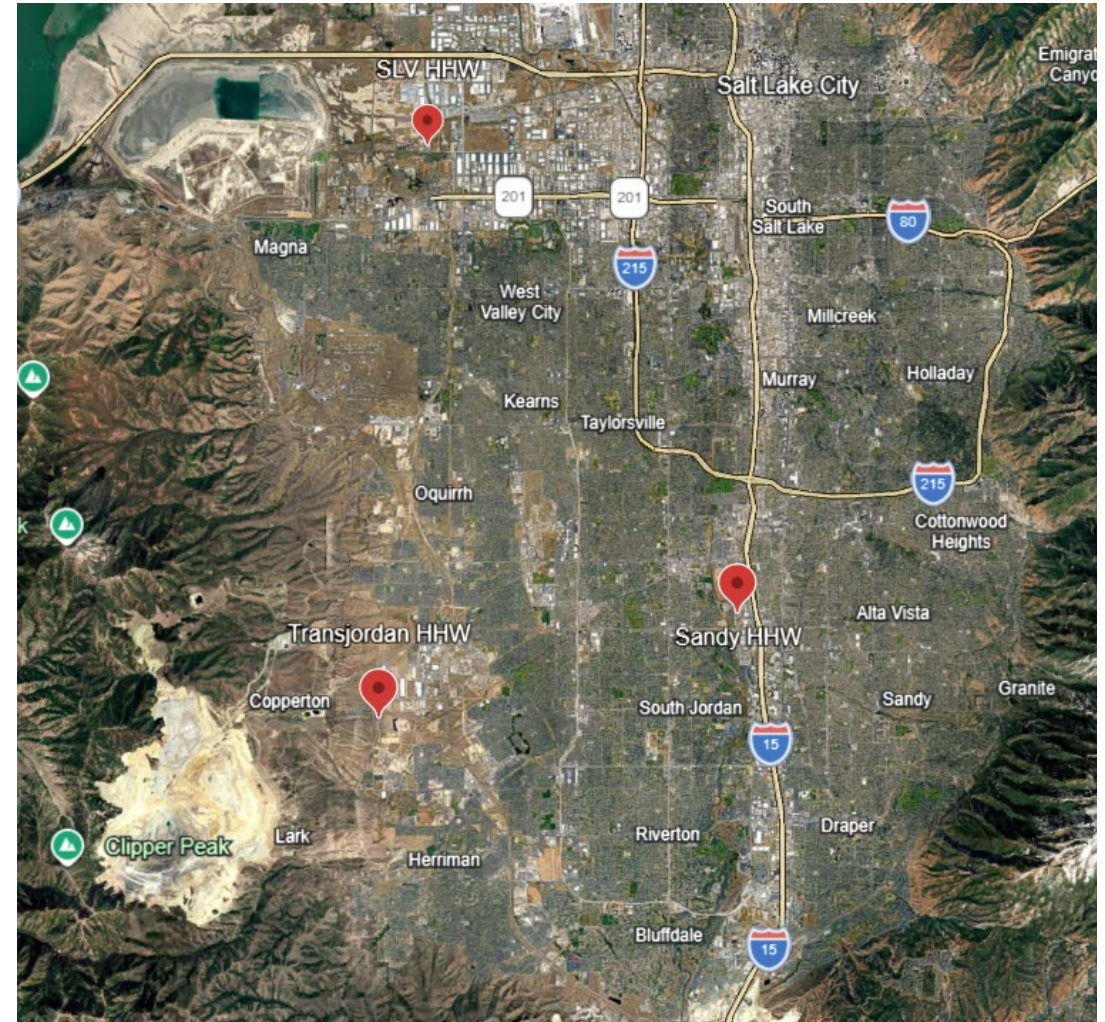


Sandy HHW

- ▶ Located at 8805 South 700 West in Sandy
- ▶ Groundbreaking March 2023
- ▶ Opened July 2024
 - ▶ Just South of Sandy Public Works
 - ▶ Neighbors to the Transjordan Transfer station



► **Accessibility:** The three HHW facilities are strategically located to provide convenient service, keeping most residents within approximately a 15-minute drive from a facility anywhere in the Salt Lake Valley.





Operations - Staff

- ▶ Staff
 - ▶ Supervisor
 - ▶ Jose
 - ▶ One chemist
 - ▶ Ed
 - ▶ Five technicians
 - ▶ Aaron, Chris, David, Scott, Tanner
 - ▶ Temporary employees
 - ▶ Kenison, Logan

Unusual Waste



- ▶ Specimens in bottles
- ▶ C4
- ▶ Sodium
- ▶ Old Lab Chemicals
- ▶ Antique Thermometers and Fire Extinguishers
- ▶ Homemade Gadgets
- ▶ Mystery Bottles

Disposal amounts in 2024 and 2025

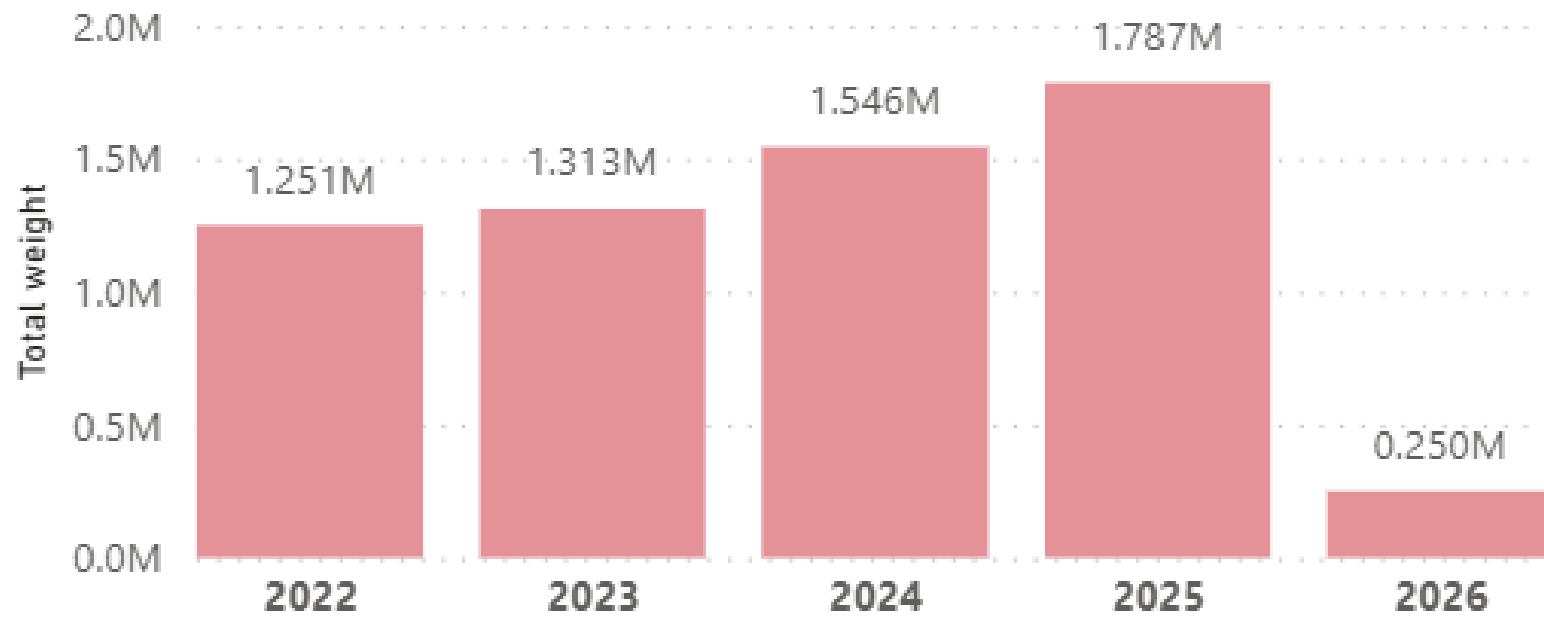
2024

- ▶ 691,229 pounds of paint
- ▶ 25,492 pounds of lab pack chemicals
- ▶ 60,309 pounds of used oil
- ▶ 43,841 pounds of antifreeze
- ▶ 104,501 pounds of fuel
- ▶ 60,935 pounds of fertilizer, herbicides, and pesticides
- ▶ 38,200 pounds of aerosols
- ▶ 94,926 pounds of t-Ox chemicals
- ▶ 315,850 pounds of electronics
- ▶ 5,838 pounds of fluorescent light bulbs

2025

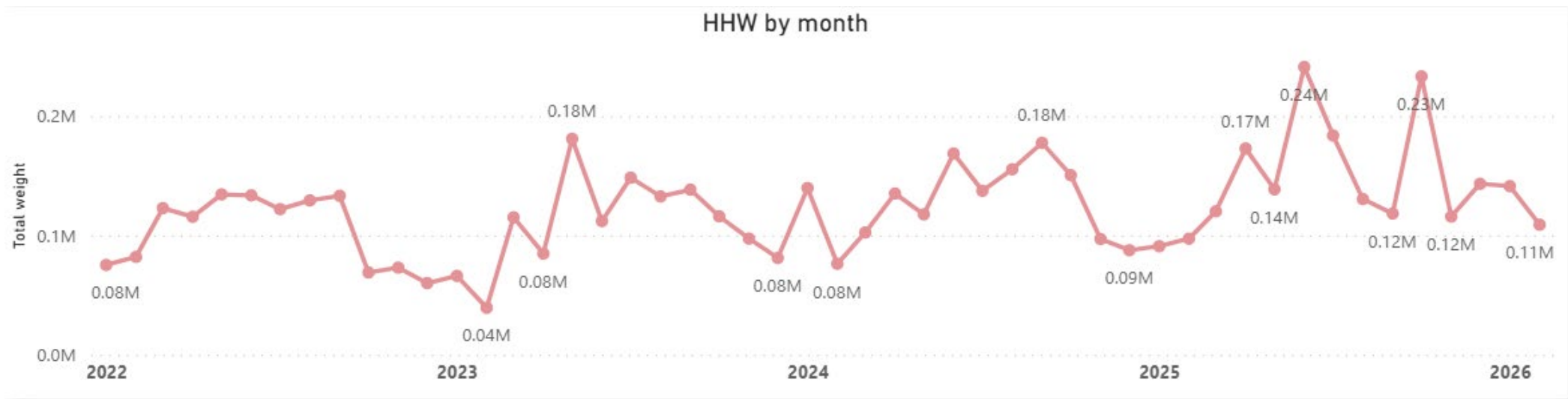
- ▶ 743,433 pounds of latex paint
- ▶ 104,894 pounds of oil-based paint
- ▶ 18,708 pounds of lab pack chemicals
- ▶ 152,515 pounds of used oil
- ▶ 62,520 pounds of antifreeze
- ▶ 112,407 pounds of fuel
- ▶ 54,276 pounds of fertilizer, herbicides, and pesticides
- ▶ 38,726 pounds of aerosols
- ▶ 100,081 pounds of t-Ox chemicals
- ▶ 14,254 pounds of batteries
- ▶ 376,624 pounds of electronics
- ▶ 5,148 pounds of florescent light bulbs

HHW by year



History

HHW by month



Disposal reduction

- ▶ Re-use shed
 - ▶ (Most surprising)
- ▶ Roughly 150,000 Pounds of material diverted to reuse
- ▶ Please take a look to see what we have!



Community Partners



We are continually seeking partners to help divert usable materials and are currently collaborating with local schools to support this effort.

What do we do with waste?

- ▶ Veolia
- ▶ Clean Harbors
- ▶ Rock Canyon Oil
 - ▶ Oil
 - ▶ Anti-freeze
- ▶ Battery Recyclers of America
- ▶ METech
 - ▶ Electronics
- ▶ Prepaid boxes for light bulbs

Challenges

Cost of Operation

Limited Options for Disposal

Unpredictability

Overall challenges

- ▶ Business waste VS Residential waste
 - ▶ Service is free for residents of Salt Lake County
 - ▶ How do we determine if it's business or residential?
 - ▶ What happens to the waste if we reject a load?



Take aways



**Proper Disposal Protects Health
and the Environment**



**Many Common Items Are
Hazardous**



**Participation Prevents Pollution
It's Easy to Participate**

Questions?



Jose Carreon
jcarreon-andrade@saltlakecounty.gov
385-441-8633