

diverting materials from multifamily complexes, including Single Stream recycling and/or organics collection in carts and dumpsters, valet services, reconfiguration of trash enclosures, and Zero Waste building challenges.

## 20.3 / Pilot Programs to Address Specific Material Types

The Department's Single Stream Recycling Program and household organics pilot will address nearly 85 percent of materials generated at households. However, some hard-to-handle materials may require investment in alternative collection programs.

**Household Hazardous Waste (HHW) Pilot** – HHW materials, such as batteries and paint, pose significant environmental safety concerns if disposed improperly. However, many residents are unaware of safe disposal options or find existing safe disposal options inconvenient. To increase participation in proper HHW disposal programs, the Department will conduct a pilot program to assess whether door-to-door HHW collection is financially feasible for citywide application.

**Textiles Collection Pilot** – Textiles are challenging to divert at the household level. Some communities have added textiles to their Single Stream Recycling Programs. However, these materials provide challenges at the Materials Recovery Facility, and this method of collection could degrade the textiles and render them unusable. Textiles can also be diverted through thrift store and other reuse outlets. Unsold or non-reusable items can be marketed for carpet pad and mechanic wiping cloths. However, not all textiles are suitable for these markets. This pilot program could test alternatives for textile drop-off, reuse and recycling.

**Mattress Collection Pilot** – Mattresses are currently collected through the Department's bulk Item collection program and are disposed in landfills. There are many operations across the country for mattress reuse, refurbishment and deconstruction. The pilots could test methods of collection that preserve the reusability of the mattresses, including separate vehicle collection and drop-off alternatives. The pilots could also test local options for refurbishment and deconstruction. The Department is a contributing sponsor to the Product Stewardship Institute's Mattress