Minneapolis: Recycling Beyond the Cart

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General Foreman

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Division Overview

Services Provided (1-4 unit buildings):

- Garbage (weekly)
- Recycling (every other week)
  - Household battery collection
- Organics Collection (weekly)
- Large Item Collection (weekly)
- Yard Waste (Apr. – Nov.)
- Voucher Program
- Event Recycling Services
Clean City Programs

- Adopt a block/street
- Adopt a litter/recycling container
- Adopt-an-ash receptacle
- Request for litter cleanup supplies
- Graffiti paint over
- Graffiti abatement
- Clean Sweeps
- Clean City Classroom
- Litter Be Gone
Household Battery Collection

- Residents put batteries on top of recycling cart
- Partnership with Hennepin County, Momentum, and Call2Recycle
  - 22.12 Tons collected in 2018; avg. 1.84 Tons/month
- Residents place in bag on top of recycling cart
- Approx. 1 pail of batteries collected per crew per day
Large Item Collection

A total of 2 large items may be placed out for collection. Recyclable items collected on recycling week only.

- **Non-recyclable items:** wood furniture, large non-recyclable plastic items
- **Recyclable Items:** Appliances, electronics, hide-a-beds, mattresses, metal items
  - Noted by crew, collected next business day
South Transfer Station

Customers Receive:

• **8 Cleanup Vouchers annually**
  • Up to 2,000 pounds of garbage and C&D
  • Two bulky/large items

• **2 Tire Vouchers annually**
  • Up to 8 tires each

• **2018 Stats**
  • 16,589 Cleanup vouchers
  • 3,733 Cash customers
  • 5,994 T C&D
  • 2,808 T MSW
  • 330 T Scrap metal
  • 161 T TVs and Appliances
  • 69 T Tires
Processing of Large Items

• 2-4 Large Item collection (on city side) 1-person crews out per day
• 98% of items require processing
• TVs, Hide-A-Bed couches, air conditioners and microwaves are more common
• Metal and circuit boards are removed
• Freon is evacuated
2018: 36,871 mattresses collected. 33,476 (90.79%) were recyclable.
Large Item Collection (in tons) (metals/appliances, electronics, and mattresses)
What’s the cost?

<table>
<thead>
<tr>
<th>Program</th>
<th>2018 Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Curb &amp; Alley Collection</td>
<td>$18,617,811</td>
</tr>
<tr>
<td>(garbage, recycling, yard waste, organics)</td>
<td></td>
</tr>
<tr>
<td>Large Item Collection &amp; Processing</td>
<td>$1,362,813</td>
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<tr>
<td>Mattress Collection &amp; Processing</td>
<td>$978,609</td>
</tr>
<tr>
<td>Transfer Station Daily Operations</td>
<td>$242,000</td>
</tr>
<tr>
<td>Battery Collection</td>
<td>$0.00</td>
</tr>
</tbody>
</table>

**Note:** Disposal costs, program administration, customer service and equipment are not included in the costs above.

EPR efforts, especially for mattresses, are supported by Minneapolis.
2018 Resident Survey Results

- Over 8,100 residents participated in an online survey.
  - Evaluate outreach and educational methods
  - Receive feedback on services
  - Guide conversations on potential future program changes

**Top 20 items people have difficulty getting rid of:**

<table>
<thead>
<tr>
<th>Item</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paint</td>
<td>630</td>
</tr>
<tr>
<td>HHW*</td>
<td>532</td>
</tr>
<tr>
<td>Bulbs</td>
<td>434</td>
</tr>
<tr>
<td>Electronics</td>
<td>355</td>
</tr>
<tr>
<td>Batteries</td>
<td>267</td>
</tr>
<tr>
<td>Plastic bags</td>
<td>247</td>
</tr>
<tr>
<td>Auto fluids</td>
<td>232</td>
</tr>
<tr>
<td>C&amp;D</td>
<td>159</td>
</tr>
<tr>
<td>Textiles</td>
<td>146</td>
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<tr>
<td>Dirt/soil</td>
<td>130</td>
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<tr>
<td>Pressurized cylinders</td>
<td>129</td>
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<tr>
<td>Foam</td>
<td>121</td>
</tr>
<tr>
<td>Medications</td>
<td>104</td>
</tr>
<tr>
<td>Tires</td>
<td>104</td>
</tr>
<tr>
<td>Yard waste</td>
<td>104</td>
</tr>
<tr>
<td>Large tree trimmings</td>
<td>58</td>
</tr>
<tr>
<td>Scrap metal</td>
<td>57</td>
</tr>
<tr>
<td>Furniture</td>
<td>32</td>
</tr>
<tr>
<td>Household goods</td>
<td>31</td>
</tr>
<tr>
<td>Appliances</td>
<td>27</td>
</tr>
</tbody>
</table>

How do you feel about the following potential large item program changes?
Future Drop-off Program Considerations

- Efficiency improvements
- Improve customer experience
- Collect more usable & recyclable materials
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Questions?

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