Shelley Robbins • May 18, 2016
Household Hazardous Waste – Options for Successful Management

Shelley Robbins • May 18, 2016
Promoting sensible growth and the protection of special places in the Upstate
# Spartanburg County Costs Over 8 Events

County Population: 290,969 (4\textsuperscript{th} most populous county in SC)

<table>
<thead>
<tr>
<th>Year</th>
<th>Contractor Cost</th>
<th>Number of Cars</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>$23,202</td>
<td>380 cars</td>
</tr>
<tr>
<td>2015</td>
<td>$23,253</td>
<td>424 cars</td>
</tr>
<tr>
<td>2014</td>
<td>$21,090</td>
<td>426 cars</td>
</tr>
<tr>
<td>2013</td>
<td>$25,782</td>
<td>367 cars</td>
</tr>
<tr>
<td>2012</td>
<td>$27,354</td>
<td>446 cars</td>
</tr>
<tr>
<td>2011</td>
<td>$34,483</td>
<td>590 cars</td>
</tr>
<tr>
<td>2010</td>
<td>$21,435</td>
<td>240 cars**</td>
</tr>
<tr>
<td>2010</td>
<td>$22,964</td>
<td>466 cars</td>
</tr>
</tbody>
</table>

Cost per car range: $49-$89 (outlier)
Average Without Outlier: **$57.84**
Spartanburg Event Employee Hours

Tim Sherbert (Stormwater Engineer): 8 hours
Ron Kirby (County Engineer): 10 hours
Jes Sdao Swanson (Recycling Coordinator): 20 hours (includes prep for event)
Tammy Martin (administrative): 8 hours
2 site monitors for tires: 8 hours each
1 truck driver: 4 hours spent dropping off and picking up roll offs
Misc. Staff assisting with advertising (putting up banners at recycling centers): 8 hours
Volunteers!!

35-40 Per Event
The Latex Elephant: Paint

Percent of contractor cost:

19%-42%

Averages 24%-26%

Cost: $5,710-$8,970
Latex Paint Options

1. County Landfill Alternative Daily Cover as binding agent in Posi-Shell:
   - 1/3 to ½ acre working face uses 30 gallons of latex

   174 sunny days = 5,220 gallons of latex per year

   Pros: avoids excavation and hauling costs for dirt daily cover
   avoids disposal costs for latex

   Cons: only useful on sunny days
   does require Portland cement as well

2. County Paint Exchange

3. County Paint Recycling – mix it all together and sell it! Georgetown County processes and sells about 1300 gallons per year at $6 per 5 gallon bucket.

4. Emerging Issue: PaintCare – a national paint stewardship program
Pesticides

Percent of Contractor Cost:

10%-26% (this year – big jump)

Cost: $2,482-$6,045
SC Department of Agriculture Waste Pesticide Recovery Program

Requirements for HHM Partnership

Accept pesticides from farmers and homeowners statewide
Advertise SCDA as a co-sponsor of the event on all materials

The county or municipality must not have a specific tax or environmental HHM fee
SCDA personnel must be on-site
Timing of event must fit into statewide plan
They will also pick up from county collection sites
ECOFLO actually handles the disposal

John Stokes
Director, Consumer Services
jstokes@scda.sc.gov 803-737-9700

Ken Webb
ECOFLO, Inc.
kwebb@ecoflo.com 336-617-2733
Household Hazardous Materials Collection Day

Saturday, October 3, 2015
8am - 12noon

Accepted Items:
- Oil-based Paint
- Large Quantities of Motor Oil
- Paint Thinner, Turpentine, Mineral Spirits
- Brake Fluid, Gasoline & Oil Mixture
- Pesticides and Fertilizer
- Landscape Timbers
- Leftover Cleansers, Drain Openers & Chemicals

York County Collection & Recycling
803-283-3181
www.yorkcountygov.com/recycle

This collection is for HOUSEHOLD ONLY with the exception that pesticides will be accepted from farmers and residents from all SC counties. Large quantities from businesses or commercial operations will not be accepted. Insects, biological, and/or potable water materials, gas cylinders, explosives and other appliances are also prohibited.

This event is co-sponsored by the SC Department of Agriculture

York County Public Works
220 Public Works Road
York, SC
(Near the Moss Justice Center off Hwy. 5)
## Remove Latex and Pesticides From Invoices

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>$22,963</td>
<td>$14,285</td>
</tr>
<tr>
<td>$21,435</td>
<td>$10,032</td>
</tr>
<tr>
<td>$34,483</td>
<td>$22,111</td>
</tr>
<tr>
<td>$27,354</td>
<td>$17,403</td>
</tr>
<tr>
<td>$25,782</td>
<td>$15,165</td>
</tr>
<tr>
<td>$21,090</td>
<td>$11,580</td>
</tr>
</tbody>
</table>
Questions?

Thank you!

Shelley Robbins
srobbins@upstateforever.org
864.327.0090