Horry County Solid Waste Authority
Household Hazardous Waste
Location

- The Household Hazardous Waste facility is located at the Horry County Municipal landfill.
- The physical address is:
  - 1886 Highway 90 Conway, South Carolina
History & Objective

- The Horry County Solid Waste Authority initiated this program in April 2000 with its objective being to remove potentially hazardous materials from the waste stream, thereby protecting solid waste handlers, groundwater quality and the environment.
Horry County Residents

- Our program was established for the private residents of Horry County.
- We do not accept materials from businesses or contractors.
Hours of Operation

- Our Household Hazardous Waste facility is open the third Saturday of each month.
- Individuals that are unable to bring their materials on the designated day for that month may call in advance and schedule an appointment.
- The contact information is as follows:
  - Phone: (843) 347-1651
  - Fax: (843) 347-3653
Non-Scheduled Appointments
Spring and Summer

- The spring and summer months are the busiest times of the year.
- There is a large increase in volume between the March and April Haz-Mat days.
Spring Greening Event

- On March 19, 2016 we held our annual Spring Greening event.
- There were 189 participants that dropped off materials on that day.
- It was advertised in local community newspapers and flyers were handed out at each of the 24 recycling convenience centers.
Facility
When individuals come to the HHW facility to drop off materials they are required to shut off their engines. They are then asked to place all materials onto a cart in the middle of the open floor area so that staff may then sort through the materials for proper classification and storage.
Acceptable Materials

- Acids/Bases
- Aerosols
- Antifreeze
- Batteries
- Brake Fluids
- Corrosives
- Drain Openers
- Flammables
- Fuel
- Furniture Strippers
- Gasoline
- Household Cleaners
- Kerosene
- Lighter Fluid
- Oxidizers
- Paints & Thinners
- Pesticides
- Photo Chemicals
- Poisons
- Pool Chemicals
- Weed Killers
- Wood Preservatives
Storage

• Materials are collected, identified and placed in the appropriate storage areas where they are inventoried for disposal.
• The contents of the HHW facility must be disposed of by an outside environmental disposal company.
Batteries

- Batteries are collected at the HHW facility as well as at each of the 24 recycling convenience centers. Batteries that are collected at the recycling centers are brought over to the HHW facility for processing and final disposal.
- Batteries must be properly packaged for shipping.
- All 9-volt or greater, all lithium containing batteries and all lead acid batteries must have their terminals taped to prevent sparking during shipment.
- Lithium containing batteries and lead acid batteries must be physically separated from other types of batteries and isolated by type.
- Utilize community service participants to help separate and tape the batteries.
- Some of the different battery types include but are not limited to:
  - Alkaline /Zinc Carbon Alkaline
  - Nickel Cadmium
  - Nickel Metal Hydride
  - Mercury containing batteries/Zinc-Air with Mercury
  - Button Cells
  - Lithium Primary
  - Lithium Sulfur
  - Lithium -ion
  - Sealed Lead Acid
Disposal Process

• Each fiscal year environmental disposal companies provide quotes for proper disposal of all of the materials that are collected at the facility. The quotes are then reviewed and the most reasonable and responsible company is chosen to remove and properly dispose of the materials for that fiscal year.

• An inventory is completed and the company that was awarded the bid is contacted and a pick-up date and time is scheduled.
Disposal FY 2015

<table>
<thead>
<tr>
<th>WASTE DESCRIPTION</th>
<th>POUNDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paint-Latex, Oil Based</td>
<td>92,450</td>
</tr>
<tr>
<td>Aerosols</td>
<td>3,600</td>
</tr>
<tr>
<td>Flammable –Liquids/Solids</td>
<td>2,700</td>
</tr>
<tr>
<td>Oxidizing-Liquids/Solids</td>
<td>500</td>
</tr>
<tr>
<td>Pesticides-Liquids/Solids</td>
<td>2,100</td>
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<tr>
<td>Corrosive Liquid-Acidic/Basic</td>
<td>2,175</td>
</tr>
<tr>
<td>Corrosive Solid-Acidic/Basic</td>
<td>1,025</td>
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<tr>
<td>Caustic Cleaners</td>
<td>2,000</td>
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<tr>
<td>Herbicides-Solids</td>
<td>1,000</td>
</tr>
<tr>
<td>Antifreeze</td>
<td>2,400</td>
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<tr>
<td>Non-Regulated Cleaners</td>
<td>5,700</td>
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<tr>
<td>Acid Cleaners</td>
<td>500</td>
</tr>
<tr>
<td>Mixed Solvents Bulk</td>
<td>2,500</td>
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<tr>
<td>Petroleum Gases Liquefied</td>
<td>400</td>
</tr>
<tr>
<td>Batteries (All)</td>
<td>16,327</td>
</tr>
</tbody>
</table>

GRAND TOTAL FOR FY15: 135,377
Disposal Contacts

- A few of the companies that we have contacted for disposal include:
  - Clean Harbors
    - 800-282-0058
  - MXI Environmental Services
    - 276-628-6636
  - Veolia Environmental Services
    - 704-662-3044
  - Ecoflo
    - 800-999-6510
  - Advanced Environmental Options
    - 864-488-9111
Questions???