DEQ Recycling Update October 24

[Graph showing Virginia's MSW & Recycling Tonnage & Recycling Percentage Rate Calculation]

- 2011: 9,226,177 tons generated, 3,088,366 tons recycled, 43.3% recycling rate
- 2012: 9,446,080 tons generated, 3,891,565 tons recycled, 42.5% recycling rate
- 2013: 7,815,848 tons generated, 1,215,238 tons recycled, 41.2% recycling rate
- 2014: 7,177,917 tons generated, 3,008,851 tons recycled, 42.5% recycling rate
- 2015: 7,907,780 tons generated, 3,487,307 tons recycled, 44.2% recycling rate
Management of Virginia MSW – 2015
Combines RRR & SWIA data

Recycle

Waste to Energy

Landfill

37%
17%
46%

3,688,363 Tons
1,645,298 Tons
4,535,771 Tons

10 Year Management of Virginia MSW

Compost/Mulch
Recycled by localities
Waste-to-Energy
Landfilled

3%
32%
17%
48%
2%
35%
17%
46%

Tons

New DEQ Form 50 - 30

- SWPU’s will submit via Excel spreadsheet
- Auto generated email will respond to preparer that report was received
- Notification that report is accepted
**Commonwealth of Virginia**  
**Locality Recycling Rate Report**  
**Calendar Year 2015**  
**DEQ Form 50-30 (Revised August 2015)**

### Solid Waste Planning Unit Information (Enter in Rows 3 - 14.)

**Solid Waste Planning Unit**: Augusta-Staunton-Waynesboro SWPM  
**Member Governments**: Counties: Augusta  
Cities: Staunton, Waynesboro  
Towns: Craigsville

<table>
<thead>
<tr>
<th>Total Population for SWPU</th>
<th>Population Density for SWPU</th>
</tr>
</thead>
<tbody>
<tr>
<td>130,000</td>
<td>5.6</td>
</tr>
</tbody>
</table>

**Preparer’s Name and Title**: Ms. Virginia Butler  
**Preparer’s Title**: Recycling Coordinator  
**Address Line 1**: 629 E. Main St  
**Address Line 2**:  
**Address Line 3**: Richmond, VA 23219  
**Phone Number**: (804) 698-4053  
**Email address**: virginia.butler@deq.virginia.gov  
**Date**: 10/24/2016  
**Mandated Recycling Rate (15% or 25%)**: 15%  
**Reporting Frequency**:  
_X_ Every 4 years

## Principal Recyclable Materials (PRM)

<table>
<thead>
<tr>
<th>PRM Material</th>
<th>Tons recycled</th>
<th>MSW Generated</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper</td>
<td>1,100</td>
<td>Household Waste</td>
<td>43,500</td>
</tr>
<tr>
<td>Metal</td>
<td>200</td>
<td>Commercial Waste</td>
<td>1,500</td>
</tr>
<tr>
<td>Plastic</td>
<td>555</td>
<td>Institutional Waste</td>
<td>0</td>
</tr>
<tr>
<td>Glass</td>
<td>25</td>
<td>Other</td>
<td>0</td>
</tr>
<tr>
<td>Commingled</td>
<td>15,777</td>
<td>Total MSW</td>
<td>45,000</td>
</tr>
<tr>
<td>Yard Waste</td>
<td>500</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Waste Wood</td>
<td>200</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Textiles</td>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Waste Tires</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Used Oil</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Used Oil Filters</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Used Antifreeze</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Batteries</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electronics</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inoperative Motor Vehicles</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other (Specify)</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other (Specify)</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total PRM in Tons</strong></td>
<td><strong>18,367</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Credits Recycling Residue

<table>
<thead>
<tr>
<th>Facility/Operation</th>
<th>Material</th>
<th>Tons</th>
</tr>
</thead>
<tbody>
<tr>
<td>Buddy's Recycling Hut</td>
<td>Tires</td>
<td>25</td>
</tr>
<tr>
<td>Big Al's Metal Recycling Co.</td>
<td>Scrap metal</td>
<td>5,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>5,025</td>
</tr>
</tbody>
</table>

### Credits Solid Waste Reused

<table>
<thead>
<tr>
<th>Reuse Method</th>
<th>Material</th>
<th>Tons</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wood pallets</td>
<td>wood</td>
<td>200</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>200</td>
</tr>
</tbody>
</table>

### Credits Non-MSW recycled

<table>
<thead>
<tr>
<th>Recycling Method</th>
<th>Material</th>
<th>Tons</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>0</td>
</tr>
</tbody>
</table>

**CREDITS TOTAL**: 5,225

**Credit for Source Reduction Program (SRP)**

- SRP does not apply enter "0"
- SRP does apply enter "2"

- Enter facility information and material in columns A and B. Enter tons (whole numbers only) in the yellow highlighted boxes. Totals will autocalculate.

### Recycling rates autocalculate.

- **Base Recycling Rate**: 29.0%
- **Adjusted Recycling Rate**: 34.4% Rate with credits
- **Adjusted Recycling Rate + SRP**: 36.4% Credits + SRP
- **Credit Max Allowed Base +5**: 34.0%
- **Final Recycle Rate**: 34.0% Final Recycle Rate

### Sources for PRM Data

- PBR123 Augusta Transfer Station, SWP456 Local MSW LF
- Example: Permit #122, County Landfill

### Other Sources for collected data

- Walmart, Target, Goodwill
- Example: Walmart/Target

**Comments:**
What's Been Going On?

- E-Cycling Workshop - 2017
- Recycling Equipment Certification - update
- Solid Waste Management Plans – Debris Management (electronics)
- Litter Grant - update

Electronics - Recycling

- Workshop – 2017
- Localities & Industry
- Input Needed – Survey form
- Speakers – Health sector
Recycling Machinery and Equipment, Legislative Changes – Tax Credit

- Max allowed $2 million in tax credit – fiscal year
- 2015 – All applications processed- New applications accepted
- Taxation will accept CY 2012, 2013, & 2014
- CY 2016 - March 1, 2017 – submit to DEQ
- CY2016 - May 1, 2017 – File with Taxation along with Form RMC

Litter Grant – Update

- DEQ is looking at option of consolidating the Accounting and Performance reports
- Applications can be submitted via e-mail. Auto generated email will acknowledge receipt
- FY 2017 – Award letter sent. Funds are currently being disbursed