The Port of Virginia
Richmond Marine Terminal
Expanded Green Operator Program
MOVING THE ECONOMY: FYTD19

The port has moved nearly 1.5 million TEUs to date in Fiscal Year 2019

- **Truck**: 63%
- **Rail**: 34%
- **Barge**: 3%

Volumes are up 1.9% over FYTD 2018

Vessel calls are down 5.6% compared to FYTD 2018

- **RMT Barge**: We moved more than 16,000 containers thus far in FY 2019.

We moved more than 16,000 containers thus far in FY 2019.
VOLUME GROWTH AT RMT
# MARINE HIGHWAY EMISSION REDUCTION

## Annual 2017 Emissions (Tons)

<table>
<thead>
<tr>
<th>Service Type</th>
<th>Trips</th>
<th>NOx</th>
<th>CO</th>
<th>HC</th>
<th>PM10</th>
<th>SO2</th>
<th>CO2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Truck Service</td>
<td>23,994</td>
<td>31.38</td>
<td>8.81</td>
<td>1.47</td>
<td>1.44</td>
<td>0.06</td>
<td>5,048.90</td>
</tr>
<tr>
<td>Barge Service</td>
<td>148</td>
<td>27.93</td>
<td>5.06</td>
<td>1.51</td>
<td>0.80</td>
<td>0.03</td>
<td>2,589.31</td>
</tr>
<tr>
<td>Difference</td>
<td>-3.45</td>
<td>-3.75</td>
<td>0.04</td>
<td>-0.64</td>
<td>-0.03</td>
<td>-2,459.59</td>
<td></td>
</tr>
<tr>
<td>%CHG</td>
<td>-11%</td>
<td>-43%</td>
<td>3%</td>
<td>-44%</td>
<td>-47%</td>
<td>-49%</td>
<td></td>
</tr>
</tbody>
</table>

## Annual 2018 Emissions (Tons)

<table>
<thead>
<tr>
<th>Service Type</th>
<th>Trips</th>
<th>NOx</th>
<th>CO</th>
<th>HC</th>
<th>PM10</th>
<th>SO2</th>
<th>CO2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Truck Service</td>
<td>31,544</td>
<td>41.49</td>
<td>11.58</td>
<td>1.93</td>
<td>1.89</td>
<td>0.07</td>
<td>6,637.60</td>
</tr>
<tr>
<td>Barge Service</td>
<td>169</td>
<td>31.89</td>
<td>5.78</td>
<td>1.73</td>
<td>0.97</td>
<td>0.04</td>
<td>2,966.37</td>
</tr>
<tr>
<td>Difference</td>
<td>-9.60</td>
<td>-5.80</td>
<td>-0.20</td>
<td>-0.92</td>
<td>-0.03</td>
<td>-3,671.23</td>
<td></td>
</tr>
<tr>
<td>%CHG</td>
<td>-23%</td>
<td>-50%</td>
<td>-10%</td>
<td>-49%</td>
<td>-43%</td>
<td>-55%</td>
<td></td>
</tr>
</tbody>
</table>
CUSTOMERS USING THE BARGE

- Avail Vapor
- Evergreen Enterprises
- Florida Tile
- Lidl
- Luck Stone
- Lumber Liquidators
- Philip Morris / Altria
- Plow & Hearth
- R1 Rubber
- Scoular Grain
- Universal Leaf Tobacco
- WestRock
New $4.2 million mobile harbor crane
- $600,000 in rail improvements
- Mobile generator for refrigerated cargo
- 52K Forklift
- Preparing for the future: Larger barge with 50% more capacity and additional sailings
NEW OPPORTUNITIES
Thank you