CT Chapter, NWRA
Task Force To Study Methods For Reducing Consumer Packaging That Generates Solid Waste
September 2017
Vibrant Industry Serves Connecticut

- **Size of CT Recycling and Waste Industry**
  - 6,000 direct jobs
  - 19,000 jobs - *cumulative with our industry and related industrial/commercial activity*
- $1.8 billion direct economic impact
- $3.4 billion economic impact - *cumulative with our industry and related industrial/commercial activity*
CT has a vibrant recycling and waste industry; the state should support and incentivize its robust recycling infrastructure to meet its needs.

CTs system has produced a 35% diversion rate; with only 17% of designated recyclables in trash

CT should revisit its 60% diversion of MSW from disposal goal
Key Industry Findings

- CTs current collection and processing system produces quality recyclables for markets
- The costs for recycling services in CT are reasonable and competitive.
- CT should focus on recycling behavior of all generators -- improve education and enforcement
Key Industry Findings

• Big City Blues – CTs largest cities are underperforming with diversion and recycling programs
Overview/Snapshot of Waste Disposed

- Source: Final DEEP MSW Characterization Study, 2015
Diversion Goal

• Reasons why current diversion goal should be reconsidered:
  • Waste generation projections were off
  • Policy did not account for light weighting, source reduction, material generation trends
  • Policy was made with data set that are challenged by data now available
Recycling Facility Infrastructure

- Stamford
- Shelton
- Danbury
- Berlin
- Hartford
- Willimantic
<table>
<thead>
<tr>
<th>Location</th>
<th>Facility Name</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Berlin</td>
<td>Murphy Road Recycling</td>
<td>private</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1,000tpd</td>
</tr>
<tr>
<td>Danbury</td>
<td>Winters Brothers</td>
<td>private</td>
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<td></td>
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<td>500tpd</td>
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<tr>
<td>Hartford</td>
<td>MIRA</td>
<td>public</td>
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<tr>
<td>Hartford</td>
<td>Murphy Road Recycling</td>
<td>private</td>
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<tr>
<td></td>
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<td>1,170tpd</td>
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</tbody>
</table>
Shelton     Winters Brothers     private
  600tpd
Stamford    City Carting       private
  450tpd
Willimantic Willimantic Waste private
  815tpd

TOTAL: 5,095tpd
Quality Recyclables Produced
Quality Recyclables Produced
Recycling Costs

• CT citizens, communities and businesses pay reasonable, competitive and low costs for recycling services

• The towns of Manchester, South Windsor, West Hartford and Wethersfield pay less than $40 per year for every other week collection and processing, (not including rebates)
Recycling Costs

- MMBC costs, in British Colombia are $432.00 CN per tonne, for collection, processing and marketing of recyclables, as noted at the August 31st Task Force hearing

- An average similar estimated cost comparison for the four CT towns is about $100 per ton, not including rebate
• The diversion of recoverable materials from disposal gap in CT is not due to any statutory or regulatory shortcoming

• State needs to focus on education and enforcement of all generators
Big City Blues

• Recycling/Diversion Rates – CTs Big Cities
  • Stamford 37%
  • Hartford 20%
  • New Haven 16%
  • Bridgeport 15%
  • Waterbury 11%

• Source: CT DEEP SERA 2015 Draft Report
Moving the Needle Positively

- The following summarizes and reinforces our recommended actions for the Task Force
- Reduce the 17% of designated recyclables disposed; conduct waste characterizations
- Conduct periodic characterizations of the remaining waste stream for recoverables
• The current diversion rate goal should be revisited; modified; and use new data sets when studied

• Bigger, more attainable diversion from disposal gains are likely to come from organics and construction & demolition debris, than packaging and curbside materials
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