Landfill Waste Reduction in Action

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Director – Design and Social/Environmental Responsibility
General Company Information

• Location in Vernon Hills, on Milwaukee, south of Rt 60
• 210,000 square foot building, 5 story with basement level
• Worldwide distribution of hotel operating supplies
• 10 distribution centers in US, Canada and Mexico
• 600 Associates working on premises
• 943 Associates worldwide
• Employee cafeteria on premises
History and Timeline of Initiatives

• Low confidence of Cleaning Service utilizing recycling bins and actually recycling our paper, cans and glass
• Analysis of what is actually getting thrown in compactor
• Many discussions with Waste Management on our collections
• Planning began March 2014
• Official recycling rollout launched June 2014
  • Pre-launch training for all associates & cleaning staff
• Official composting rollout launched Aug 2014
  • Pre-launch training for all Users (café & cleaning staff)
  • Only “back of house” at this time – future expansion
How did we do it?

• Someone has to “champion” the effort
• Get leadership “buy in”
• Establish a committee
• Develop a priority list
  • Small to large effort
  • Small to large investment
• Develop a communication plan
  • Repeat, repeat, repeat
• Meet with every stakeholder
• Share results with leadership
• Rely on your community resources
  • Waste Management
  • SWALCO
• Don’t stop pushing the limit
Challenges and Lessons

• No budget
• All volunteer workers
• Locating bins (recycling and composting)
• Sizing of bins
• Contamination
• Education
• Start SLOW
• Clear labels and signage
• Use Earth Day as an Opportunity to re-educate
How much did it cost?

• Compactor costs run approx $600-800 per lift
  • 42 yard compactor on premises
• Recycling bins (3 @ 1.5yd each) $100-$150 per month
• Composting (4 @ 64 gallon Toters $15-20 per toter/lift/mo
• Averaging ½ the # of compactor lifts annually (6 instead of 12)
  • $3600-$4800 annual savings funds:
    • Approx $1200 - $1800 recycling charges annually
    • Approx $1,000 composting charges annually
• Prepared to pay more to do the “right” thing
• Bonus of savings money!
# Waste Information - 2014

<table>
<thead>
<tr>
<th>Month</th>
<th>Landfill (tons)</th>
<th>Diverted (tons)</th>
<th>Total (tons)</th>
<th>% Diverted</th>
</tr>
</thead>
<tbody>
<tr>
<td>June</td>
<td>7.5</td>
<td>1.2</td>
<td>8.7</td>
<td>16%</td>
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<tr>
<td>July</td>
<td>6.49</td>
<td>1.53</td>
<td>8.02</td>
<td>24%</td>
</tr>
<tr>
<td>August*</td>
<td>5.52</td>
<td>3.23*</td>
<td>8.75</td>
<td>59%</td>
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<tr>
<td>September</td>
<td>8.03</td>
<td>3.23</td>
<td>11.26</td>
<td>40%</td>
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<tr>
<td>October</td>
<td>13.98</td>
<td>3.05</td>
<td>17.03</td>
<td>22%</td>
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<tr>
<td>November</td>
<td>12.53</td>
<td>2.5</td>
<td>15.03</td>
<td>20%</td>
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<tr>
<td>December</td>
<td>9.37</td>
<td>2.31</td>
<td>11.68</td>
<td>25%</td>
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</tbody>
</table>

Total  | 63.42          | 17.05          | 80.47       | 21%        |

- **Sum of Landfill (tons):** 63.42
- **Sum of Diverted (tons):** 17.05
- **Sum of Total (tons):** 80.47

![Bar Chart](image-url)
# Waste Information – 2015 YTD

<table>
<thead>
<tr>
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<th>Diverted (tons)</th>
<th>Total (tons)</th>
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<tbody>
<tr>
<td>January</td>
<td>0.14</td>
<td>3.29</td>
<td>3.43</td>
<td>96%</td>
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<tr>
<td>February</td>
<td>12.11</td>
<td>2.91</td>
<td>15.02</td>
<td>19%</td>
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<tr>
<td>March</td>
<td>0.14</td>
<td>3.1</td>
<td>3.24</td>
<td>96%</td>
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<td>April</td>
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</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>12.39</strong></td>
<td><strong>9.3</strong></td>
<td><strong>21.69</strong></td>
<td><strong>43%</strong></td>
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</tbody>
</table>

**Goal for 2015 = 30% average**
Thank you!