3M CUMBERLAND GREEN TIER- 2012 ANNUAL REPORT

3M & Wisconsin DNR

GREEN TIER

Advantage: Business  Advantage: Environment
Products We Make

- Abrasives Products
- Hand and Floor Pads
- Electronics Products
3M’s Sustainability Strategy

Pursuing customer satisfaction and commercial success within a framework of environmental, social and economic values.

All three legs of the triangle are crucial to moving 3M towards sustainability.

AIR-

3M Cumberland continues to pursue improvements toward air emission reduction through new product development and reformulation of existing products. Noise reduction efforts for 2012 included enclosures for 3 roof blowers.
3M Cumberland attended a Green Tier best practices sharing event hosted by Philips Plastics and hosted a session on energy reduction.

28% Energy Efficiency Improvement over 4 Years has earned us the EPA ENERGY STAR award!
Cumberland Green Team

Charter – Coordinate and implement activities to reduce, reuse and recycle to conserve energy and natural resources

3M Cumberland established a GREEN TEAM to focus on recycling efforts. For 2012, the team accounted for over 27 tons of plastic, over 20 tons of copper, over 0.5 tons of aluminum and over 116 tons of paper and cardboard. This totals to over 163 tons of recyclable materials. The GREEN TEAM also coordinates the Adopt a Highway Program for the Cumberland facility, as well as, special events such as tree seedling sales, kids recyclable craft making, Ice Age trail volunteer tail building, and volunteer park cleaning.
**Sustainability Goals 2015**

- **Environmental Stewardship**
  - ☀ Reduce Volatile Air Emissions 15% by 2015 from 2010
  - ☀ Waste Reduction 10% by 2015 from 2010
  - ☀ Energy Conservation 25% by 2015 from 2005 base
  - ☀ GHG Emissions Red 5% by 2011 from 2006 base
  - ☀ Water Conservation Plan (for water scarcity sites)

- **Social Responsibility**
  - ☀ Community Stakeholder Engagement Plans
  - ☀ EHS Management Framework for New Sites

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**2015 Environmental Goals Summary**

<table>
<thead>
<tr>
<th>Goal Area</th>
<th>Goal</th>
<th>Baseline Reduction</th>
<th>Baseline</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
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<tbody>
<tr>
<td>V&amp;V (1000 lbs)</td>
<td>2011</td>
<td>111</td>
<td>10</td>
<td>99</td>
<td>94.6</td>
<td>92.7</td>
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<tr>
<td>VOC ratio, actual (lbs/1000 lbs)</td>
<td>2011</td>
<td>6.77</td>
<td>6.73</td>
<td>6.73</td>
<td>6.73</td>
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<tr>
<td>Waste (lb/1000 lbs)</td>
<td>2011</td>
<td>112.9</td>
<td>110.5</td>
<td>87.2</td>
<td>101.4</td>
<td>69.5</td>
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<tr>
<td>Waste ratio, actual lb/1000 lbs</td>
<td>2011</td>
<td>82.8</td>
<td>77.2</td>
<td>83.9</td>
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<tr>
<td>Energy usage, MMBtu</td>
<td>2011</td>
<td>57,368</td>
<td>56,993</td>
<td>53,752</td>
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<td>Energy ratio, actual MMBtu/1000 lbs</td>
<td>2011</td>
<td>5.029</td>
<td>4.950</td>
<td>4.760</td>
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<td>Water Use Ratio (US gal/1000 lbs)</td>
<td>2011</td>
<td>117</td>
<td>113</td>
<td>119</td>
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<tr>
<td>Water Use Ratio</td>
<td>2011</td>
<td>110</td>
<td>90</td>
<td>90</td>
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</table>

**Show progress report**
Social Responsibility

Cumberland Scout Troop 24

Currently partnering with the troop to implement projects at Scoutland, an 89 acre wooded facility on Cty Rd B.
STAKEHOLDER GROUP

3M Cumberland has initiated the following stakeholder committee to engage the community with the facility operations. This committee is scheduled to meet on a semiannual basis.

Interested Parties

- Nancy Bentz – Beaver Dam Lake Management District
- Barry Rose – CU School Superintendent
- Tom Mysicka – Cumberland Mayor
- Keith Hardie – Cumberland Public Works Director
- Katie Goin – Cumberland Wastewater Treatment
- Tom Goldsmith and Bert Skinner – Cumberland Aldermen
- Jon Hile – Chamber of Commerce President
- Mark Harings – Wi Dept Natural Resources****
- Lauren Wentz – UW Barron Co Community Development
- Keith Seelig – 3M Environmental Eng
- Tom Harris – 3M Plant Manager

Those in blue were able to attend

ECONOMIC PROGRESS

- Further Enhance Sustainability Attributes of New Products
- Review Progress on Standards for Suppliers
ISO CERTIFICATION REPORT (Attached)