



# 2015 Sustainability Report



Munters Corporation

Amesbury, MA

79 Monroe Street

Amesbury, MA 01913

Date: 12-31-2015

## **“We take our Corporate Social Responsibilities seriously.”**

As a global leader in energy efficient air treatment solutions, we at Munters take our Corporate Social Responsibility seriously. We understand how we impact the world we all live in.

This is why at Munters we work every day to create “Your Perfect Climate”. For our customers we provide products and solutions that reduce their energy consumption. This contributes to the reduction of the world’s emissions.

In our manufacturing we have a sustainable approach, focusing on efficient usage of natural resources, while reducing and recycling our waste. Because at Munters, one of our core values is to think “there is always a better way”.

We have made significant improvements but we pledge to always seek opportunities to improve our products as well as our manufacturing practices.

Munters will continue to be a part of creating a sustainable future for everyone.

**John-Peter Leesi**

CEO, Munters AB

# 2015 Objectives & Targets Summary

*EH&S Corporate Objectives for manufacturing sites: (baseline 2013, target EOY 2015)*

## Corporate Objective #1

Implement or refine an ***Environmental, Health, & Safety Management Program***

**Target:** Refine the current EH&S Program(s) and further integrate into our daily business management systems.

**Result:** Our EH&S Program is now integrated into our daily culture. EH&S objectives, targets and KPI's now drive both performance & annual performance reviews for employees & mgt.

## Corporate Objective #2

Drive continuous improvements through a prioritized ***EH&S Facility Risk-Aspect List***

**Target:** To assess, select and prioritize our EH&S Risk-Aspects and drive risk reduction within each chosen aspect. Risk reduction shall be measured by the aspect scoring system.

**Result:** An upgraded design of the Aspect List was created in 2015. A combined reduction of 41 risk points was achieved within Energy Control, Hearing Conservation and our forklift program.

## Corporate Objective #3

Reduce ***TRIR Rate*** by 10% (*e.g. outside medical treatment, lost work days, restricted duty*)

**Target:** Reduce our 2013 TRIR Rate from 3.8 to 3.4 by improving our injury root cause analysis process and our corrective actions effectiveness, with emphasis on injury trends.

**Result:** The Mass Amesbury TRIR rate was reduced from 4.3 to 3.4. This represents an 21 % reduction.

## Corporate Objective #4

Reduce ***Energy / Resource Use*** (*e.g. electricity, natural gas, propane, diesel, oil, water*)

**Target:** Reduce electricity use throughout our administration and manufacturing facilities through curtailment practices, more efficient machinery, and refined lighting and HVAC use.

**Result:** Munters' Mass curtailed 105 Kwh of electricity throughout 2015 helping alleviate peak load demand for our local power company and community.

## Corporate Objective #5

Reduce ***Water*** consumption and/or waste of processes or factory (*reduces, reuse, recycle or capture*)

**Target:** Reduce municipal water use by means of capturing rain water, for use throughout our manufacturing processes.

**Result:** Munters Mass continued throughout 2015 to review a system to capture rain water.

## Corporate Objective #6

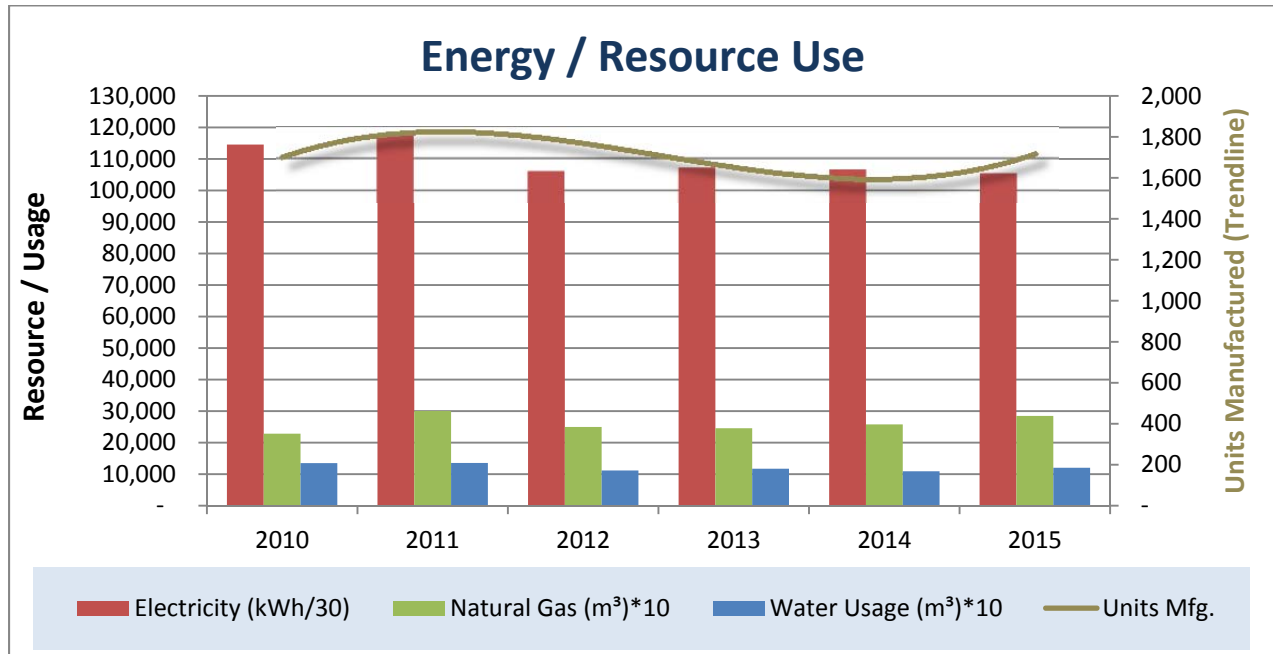
Reduce ***Non-Recycled*** type waste (*non-recycled wastes, reduce, reuse or recycle*)

**Target:** Redirect our non-recycled wood waste to a wood recycle center, while further reducing wood waste in conjunction with our suppliers, by use of reusable containers.

**Result:** Munters Mass continues to work with Environmental Waste Solutions to seek means to be a 100% wood recycling facility.

# Performance Data Summary

## Environmental Performance Data



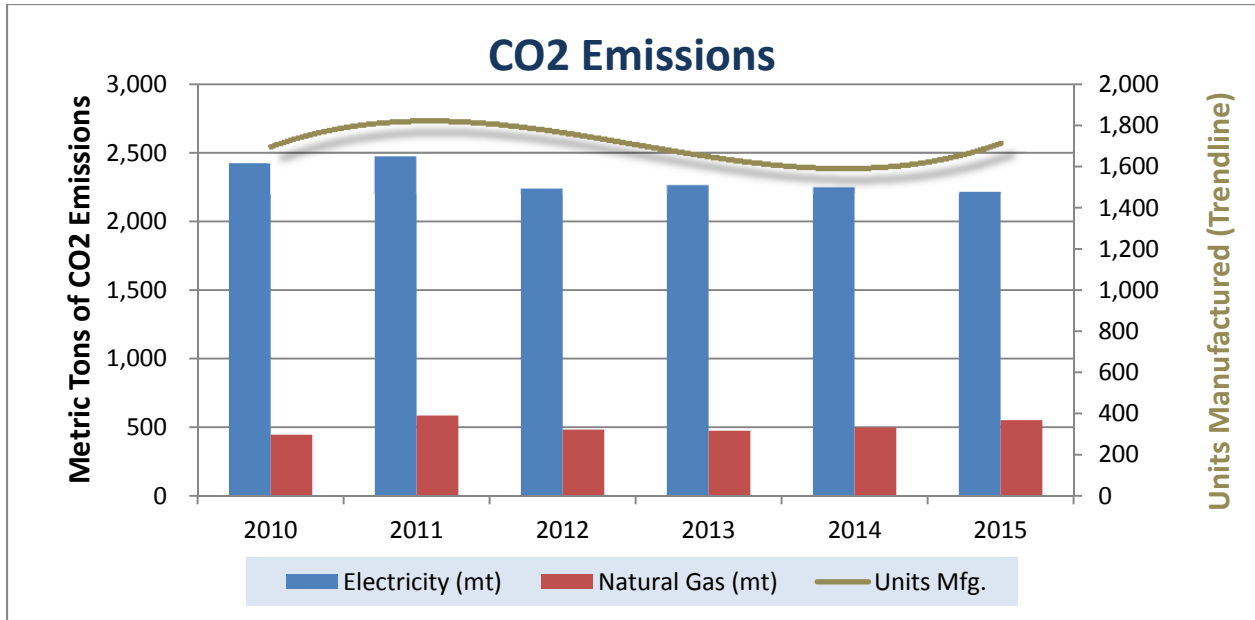
Resource / Usage	2010	2011	2012	2013	2014	2015
Electricity (kWh/30)	114,567	117,000	106,033	107,167	106,500	105,360
Natural Gas (m³)*10	22,820	30,035	24,987	24,592	25,764	28,497
Water Usage (m³)*10	13,488	13,554	11,144	11,749	10,895	12,011
Units Manufactured	1,699	1,823	1,768	1,648	1,599	1,716

**Notes:**

\* Trend line represents finish goods / units manufactured

**Summary:**

Munters Mass made many investments in new equipment in 2015. The new equipment is much more energy efficient and allows us to increase our production without increasing our energy output. One of the projects included replacing all the lighting with LED lighting. We are committed to continue down this journey.



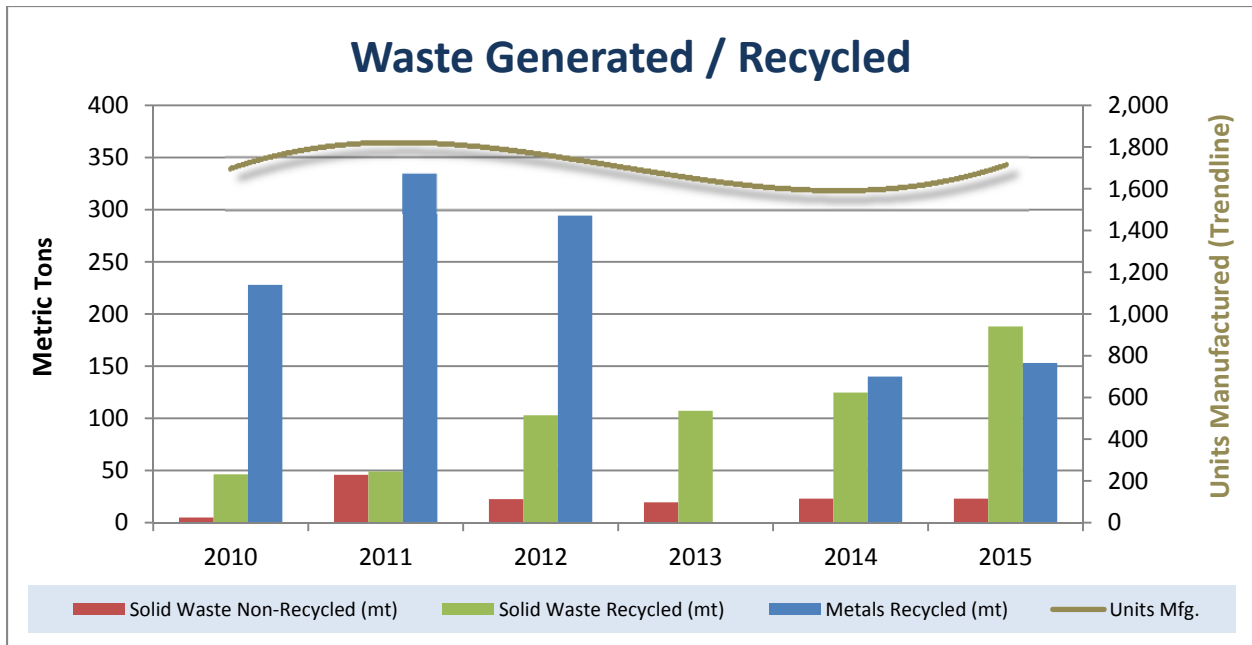
CO2 Emissions	2010	2011	2012	2013	2014	2015
Electricity (mt)	2,425	2,476	2,244	2,268	2,254	2,221
Natural Gas (mt)	446	585	482	474	498	551
Total CO2 Emissions (mt)	2,870	3,061	2,727	2,742	2,752	2,230
Units Manufactured	1,699	1,823	1,768	1,648	1,599	1,716

**Notes:**

- \* Trend line represents finish goods / units manufactured
- \* All emissions calculated through EPA's emission calculators (mt/CO2)  
<http://www.epa.gov/cleanenergy/energy-resources/calculator.html>

**Summary:**

Munters Mass though the purchase of new energy efficient equipment and process improvements has been able to reduce the overall CO2 emissions while increasing the output.



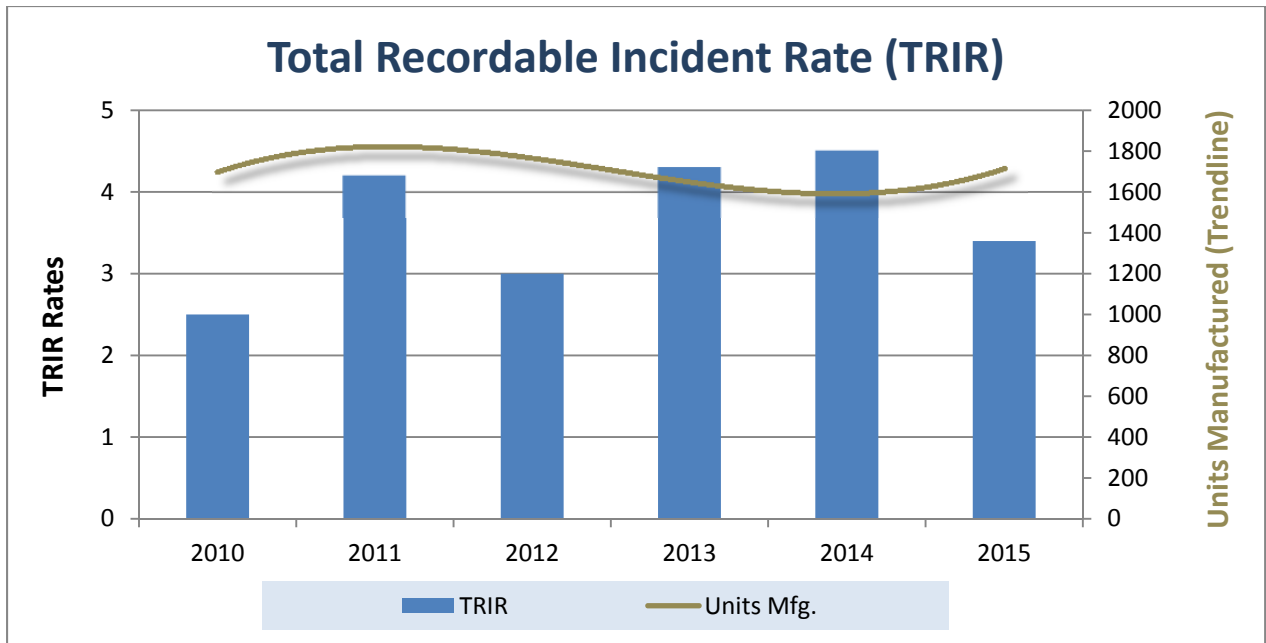
Waste Recycled	2010	2011	2012	2013	2014	2015
Solid Waste Non-Recycled (mt)	5	46	23	19	23	23
Solid Waste Recycled (mt)	46	49	103	107	125	188
Metals Recycled (mt)	228	334	294	0	140	153
Units Manufactured	1,699	1,823	1,768	1,648	1,599	1,716

**Notes:**

- \* Trend line represents finish goods / units manufactured
- \* All data is raw, not normalized: therefore increases are due to throughput increases unless otherwise noted

**Summary:**

Munters Mass continues to focus on ensuring we have a strong recycling program.



Safety Rates	2010	2011	2012	2013	2014	2015
TRIR	2.5	4.2	3.0	4.3	4.5	3.4
Units Manufactured	1699	1823	1768	1648	1599	1716

**Notes:**

- \* Trend line represents finish goods / units manufactured
- \* TRIR Industry Average (US) = 3.7 (Based on BLS 2013 TRIR –all private-NAISC – 333415)

**Summary:**

Munters Mass has worked hard to identify accident root cause and implement strong corrective action. A new Safety Committee was formed to further strengthen the program.