Celebrating 5 years of growing green.

Since 2009, Boxley has increased its percentage of recycled materials by more than 1100%.
DEVELOPING SUSTAINABILITY-MINDED BUSINESS LEADERS

Boxley’s current and future leaders must have an appreciation of the positive impact environmentally sustainable operations and products have on our business and the communities we serve. With this in mind, representatives from each of the company’s business lines are chosen to serve on Boxley’s Green Team each year as part of their leadership development program. We appreciate their hard work!

A LETTER FROM JEFF PERKINS, CHIEF OPERATING OFFICER

At Boxley, sustainability is an important word. To be a market leader well into the future, we understand our business success goes hand in hand with environmentally responsible operations that produce sustainable products. Since our program began five years ago, our employees have been transforming our company by committing to be a little better at what we do each and every day. From the equipment and trucks we purchase to the products and services we deliver, Boxley is creating a more efficient, environmentally friendly way of conducting our business.

In this year’s report, you will read about our strategic investments in people, equipment, services and products to achieve our sustainability goals. We’re proud that Boxley has received national recognition for continuing to make our operations cleaner and more efficient.

Together, we are charting the course for a “Greener. Smarter. Better.” future. It’s the Boxley Way.

Jeff Perkins, Chief Operating Officer

P.S. Please share this report with others and recycle when you’ve finished. This report, along with past reports, can be viewed online at boxley.com/environment.

MISSION STATEMENT

We deliver quality on every project, backed by reliable, responsive service. It’s the Boxley Way.

VISION

We will be the industry leader in all facets of our business with the talent to sustain it.
Can We Reduce, Reuse or Recycle It?

Simple Question. Big Results.
In 2013, Boxley employees kept 124,989 tons of waste material out of landfills and recycled 12,072 gallons of oil and antifreeze by asking this simple question. In five years, Boxley has increased its percentage of recycled materials by more than 1100% and added seven additional recycling categories throughout our operations. That’s a big improvement over the 10,361 tons of waste material recycled in 2009.

2013 Recycling Report Card

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Oil (in gallons)</td>
<td>11,707</td>
<td>9,865</td>
<td>8,030</td>
<td>10,201</td>
<td>9,280</td>
</tr>
<tr>
<td>Antifreeze (in gallons)</td>
<td>365</td>
<td>303</td>
<td>55</td>
<td>170</td>
<td>170</td>
</tr>
<tr>
<td>Absorbent (in tons)</td>
<td>5.2</td>
<td>5.8</td>
<td>9</td>
<td>4.6</td>
<td>6.6</td>
</tr>
<tr>
<td>Metals (in tons)</td>
<td>183</td>
<td>206</td>
<td>550</td>
<td>359</td>
<td>168.7</td>
</tr>
<tr>
<td>Paper, Plastic (in tons)</td>
<td>10.3</td>
<td>11</td>
<td>8.7</td>
<td>3</td>
<td>N/A</td>
</tr>
<tr>
<td>Cardboard (in tons)</td>
<td>2.3</td>
<td>3</td>
<td>0.9</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Wood Pallets-Block (in tons/pallets)</td>
<td>38/1520</td>
<td>120/4800</td>
<td>67.5/2,700</td>
<td>62.5/2,500</td>
<td>N/A</td>
</tr>
<tr>
<td>Aggregate Extracted from Overburden Waste</td>
<td>54,300</td>
<td>68,950</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Waste Concrete Block (in tons)</td>
<td>2,643</td>
<td>2,500</td>
<td>1,000</td>
<td>700</td>
<td>7,000</td>
</tr>
<tr>
<td>Waste CMU</td>
<td>2,450</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Recycled Asphalt Pavement (RAP) (in tons)</td>
<td>64,235</td>
<td>50,683</td>
<td>66,953</td>
<td>12,792</td>
<td>N/A</td>
</tr>
<tr>
<td>Recycled Concrete in tons</td>
<td>1,121</td>
<td>3614</td>
<td>4,363</td>
<td>3,824</td>
<td>3,186</td>
</tr>
<tr>
<td>Tires (in tons)</td>
<td>1.6</td>
<td>N/A</td>
<td>28.15</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>TOTAL (IN GALLONS)</td>
<td>12,072</td>
<td>10,168</td>
<td>8,085</td>
<td>10,371</td>
<td>9,450</td>
</tr>
<tr>
<td>TOTAL (IN TONS)</td>
<td>124,989</td>
<td>126,093</td>
<td>72,980</td>
<td>17,745</td>
<td>10,361</td>
</tr>
</tbody>
</table>

1-Lower number represents reduced mileage
2-Lower number reflects switch to extended life coolant
3-Templeton Paving became a Boxley Company in January 2011. The significant increase in the tons of metals recycled and the addition of the tires category is attributed to pre-existing stockpiles of metals and tires that were recycled by Boxley prior to the acquisition.
4-Trommel Screen purchased in 2012 to extract aggregate from waste material called overburden.
5-Represents backlog of waste block
6-Unused concrete masonry units (CMU) and the leftover hardened materials that were used to make them, that were crushed and then used again as aggregate for new CMU’s.
7-Returned concrete that customers use as fill, and was not hauled to a quarry as waste. 14% of this total was used in the surge pile at the Alta quarry for crushing into aggregates.

Company Core Beliefs

Work safely * Hire and train the best people * Involve our employees in the decision-making process * Provide opportunities for personal growth * Reward outstanding contributions * Be honest * Build long-term relationships * Deliver quality from the ground up * Be active participants in our communities * Be responsible stewards of the environment * Commit to be a little better at what we do each and every day * Earn profits to support our corporate growth and beliefs
WATER CONSERVATION
Water is one of the world’s most precious natural resources. Protecting and conserving this resource is a high priority across all of Boxley’s operations.

AGGREGATE
Recycled millions of gallons of water annually by capturing rainwater and runoff in the quarries and utilizing closed-loop water recycling systems for washout, dust suppression and wheel washing.

2013 HIGHLIGHTS
Since our formal sustainability program began five years ago, Boxley employees have been implementing new ways to improve our company from the inside out. This includes everything from how we operate to the products we sell. Last year was no exception. In 2013, our various business lines invested in more energy efficient equipment and plants, reduced the energy consumed despite increased production, minimized the use of fresh water and found innovative ways to utilize what was once considered waste by recycling.

We didn’t stop there. Throughout our business lines, we developed and sold greener products that help reduce environmental impacts and lend themselves to greener building. Following are a few of the 2013 highlights:

GREENER PRODUCTION PROCESSES

AGGREGATE
Rich Patch
➢ Reduced energy usage by 14% and cut electricity costs by $1000 by installing T-5 lights in the maintenance shop.
➢ Reduced energy usage by 10% while increasing aggregate production by 13,000 tons over 2012.

Mill Point
➢ Reduced energy usage by 1.5 kWh/ton in 2013 over 2012.

Lewisburg
➢ Extracted 54,300 tons of usable rock from 127,325 tons of waste overburden utilizing trommel screen.

ASPHALT
Piney River Plant
➢ Began using Evotherm 3G to produce warm mix asphalt. Evotherm chemistry remained in the asphalt mix throughout the entire production cycle allowing both reduced production temperatures at the plant as well as lower compaction temperatures in the field. This process saves on fuel costs at the plant, increases the haul distance of the mix and improves the compactibility of the material in the field.
GREENER EQUIPMENT AND PLANTS

EQUIPMENT
Asphalt
Reduced emissions and fuel consumption with purchase of:
› 4 new dump trucks with tier 4 engines.
› Loader with tier 4 engine to replace two older ones.

Trucking
› Continued truck replacement program to increase fuel efficiency and decrease emissions. Since 2011, 63 mixers, 62 dump trucks and 20 tractor trucks in the Boxley fleet have been replaced.
› Utilized 3,000 gallons of used motor oil to fuel furnaces at all three locations.
› 380 tires were capped for reuse and 125 tires were recycled.

PLANTS
Aggregate
› Lawyers Road reclaimed 4.1 acres and planted 2,000 trees at the site.
› Blue Ridge reclaimed 12 acres where the former plant was located and seeded it to create a green space and prevent erosion.

Asphalt
Boxley purchased a new Astec Double Barrel Drum Plant that will replace two older and inefficient plants. The plant will become operational in mid-2014.

Environmental highlights:
› Built to utilize natural gas, a cleaner burning substitute for the waste oil previously used.
› Able to increase recycled asphalt pavement (RAP) in most mixes without affecting quality.

Utilizes Warm Mix Technology to reduce mix temperatures and emissions.
Advanced Asphalt Heater, Baghouse, Double barrel Drum, and Silos are designed to reduce emissions and energy consumption.
AS PHAL T Sawyer Paving received the Diamond Achievement Commendation for the third consecutive year. This award is based on the responsible operation of the plant, including appearance, environmental practices, safety, permitting and regulatory compliance, and community relations.

CONCRE T E

Competing against concrete plants across the nation, Boxley’s Roanoke Concrete plant earned second place in its production category in the National Ready Mixed Concrete Association 2013 Commitment to Environmental Excellence Awards. The program salutes companies that have not only met, but surpassed governmental compliance requirements and demonstrated a commitment to environmental excellence through plant and staff investment.

"These plants have demonstrated that they are the ‘best of the best’ when it comes to being good stewards of the environment," said Gary Mullins, NRMCA’s Senior Vice President of Operations and Compliance.

All 11 of Boxley’s concrete plants have achieved Green Star Certification. http://nrmca.org/operations/ENVIRONMENT/certifications_greenstar.htm

BO XLEY’ S EXPLORE THE EARTH PROGRAM

Boxley aggregate facilities conducted tours and educational sessions on recycling for more than 1,000 students last year.

SM ITH RIV ER C LEA N-UP

Boxley employees from Fieldale, VA joined volunteers from the Dan River Basin Association, Gateway Streetscapes, Henry County and other community partners for the annual 30-mile Smith River Clean-up. Boxley employees donned their waders, got into boats and walked the riverbanks picking up trash and debris.

NAT IONAL  R E COGNIT ION

BO X LEY I N  THE COMMU NIT Y

Last year, Boxley launched its Pavement Maintenance business line to help customers extend the life of their asphalt surfaces. Pavement maintenance methods such as slurry and microsurfacing, chip sealing and crack treatment provide many sustainable benefits:

- Consume less aggregate and binder.
- Reduce the need to demolish, haul and dispose of (or even recycle) old pavements.
- Reduce waste, emissions and greenhouse gases.
- Allows roads to be drivable within a short period after the treatments have been applied, reducing traffic delays and the associated greenhouse gas (GHG) emissions.

SUSTAINABLE SERVICES

In 2013, Boxley added ProBlock® and PaveDrain® System to its impressive list of LEED (Leadership in Energy and Environmental Design) intended products. ProBlock is a lighter, safer and more energy efficient block, offering R values up to 295 percent higher than traditional concrete masonry units. This makes it easier to comply with energy codes and provides significant savings on energy use.

The PaveDrain System is a Permeable Articulating Concrete Block/Mat (P-ACB/M) that creates a performance pavement that maximizes onsite stormwater capacity during extreme storm events. The PaveDrain System allows for a more natural infiltration path, recharging local groundwater and reducing first flush pollutants. By reducing a typical storm hydrograph while also filtering out suspended sediments this represents a combination of Best Management Practices (BMP’s).

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GREENER PRODUCTS & SERVICES

AGGREGATE-LIMESTONE SAND

Limestone sand is also used by the West Virginia Department of Natural Resources to reduce pH levels in West Virginia trout streams.

BLOCK-ENVIRONMENTALLY FRIENDLY BUILDING PRODUCTS

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GREENER PRODUCTS

AGGREGATE-LIMESTONE SAND

Mill Point and Lewisburg aggregate produce limestone sand to be used to remediate acidic stormwater runoff from coal industry stockpiles.

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NATIONAL RECOGNITION

ASPHALT
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CONCRETE
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BOXLEY IN THE COMMUNITY

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