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# GLOBAL LOCATIONS OF OPERATIONS

Springdale, AR

Booneville, AR

Russellville, AR

Sheboygan, WI

Morristown, TN

Montville, NJ

Redditch, UK

Guangdong, China

**ROCKLINE  
EMPLOYS  
CLOSE TO  
2,500  
PEOPLE  
WORLDWIDE**



# LETTER FROM THE PRESIDENT



## Greetings!

It seems like just yesterday that we started the exciting and rewarding journey toward Environmental Sustainability. It's been 10 years since we decided, as one, to take a public stance to protect our planet. Perhaps more challenging than setting our course, however, was setting the goals we would be using to measure our progress in the green arena. While we've certainly had our share of challenges and set-backs in that time,

it's truly an inspiration to see how many of our metrics are heading in the right direction. Rockline has made great strides in reducing our Energy Consumption and GHG per standard unit, by over 5% in both categories! Not to mention Solid Waste in our filter business being reduced by over 27% per standard unit through waste reductions and recycling programs. This can only be done through unwavering dedication to the program and the hard work of our employees; especially those at our manufacturing sites.

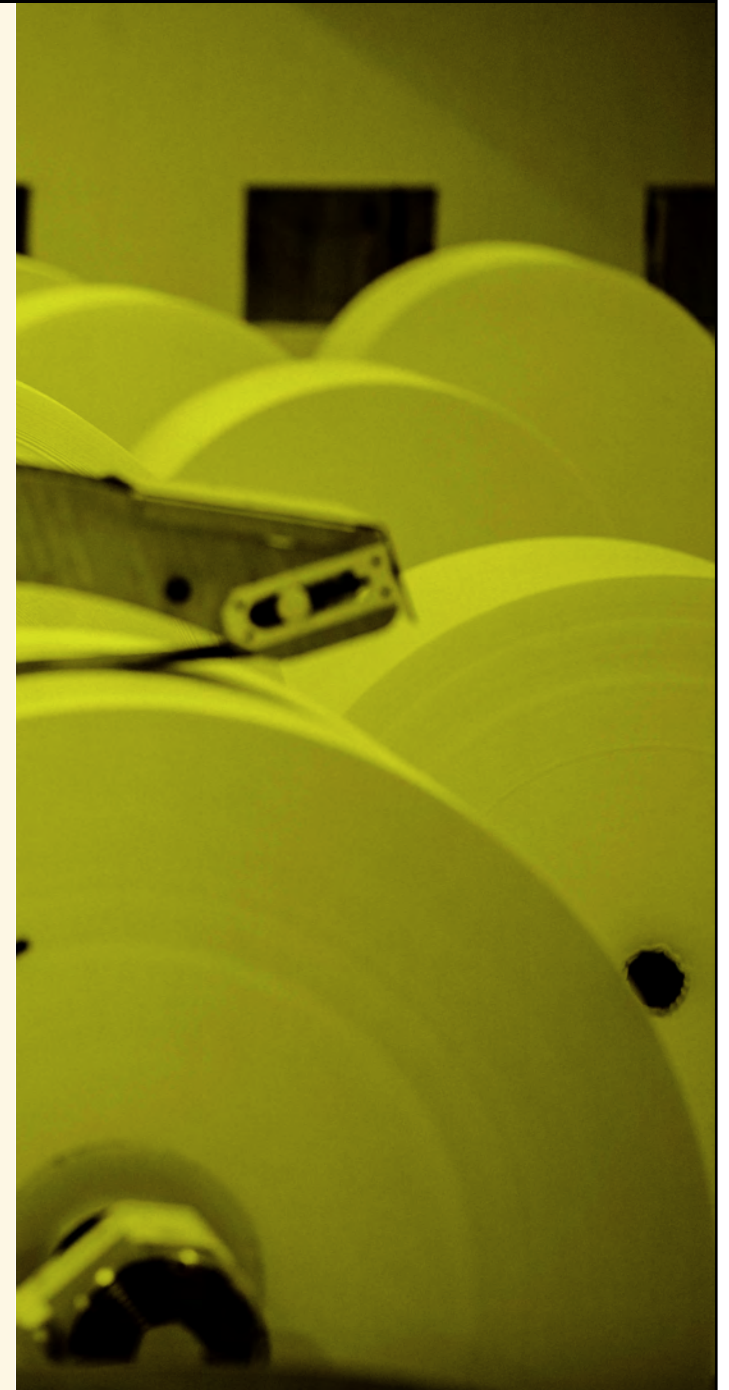
This next year we will continue to support those metrics that have made substantial gains. However, we will be putting an increased focus on defining a path for increasing our Landfill Diversion in an effort to meet our 2020 goals and align with our aspiration to create Ecologically Intelligent Products. We will also be diligently working to develop projects that will reduce or create alternate streams for all the waste that inevitably arises as a result of the manufacturing process. Last, but certainly not least, we have committed to sourcing pulp based raw materials from sustainable sources in support of our goal to achieve net zero deforestation.

Thank you for taking the time to review our 2018 Annual Report. It is my humble request that you continue to follow us on our journey, as without our world-class employees, we would not be the environmental leaders we are today. As always, your feedback is welcomed and appreciated.

Warm Regards,

A handwritten signature in black ink that reads "Randy Rudolph".

Randy Rudolph  
President





# OUR GOALS



## MULTI-YEAR GOALS - MEDIUM TERM

Rockline's first set of multi-year goals was retired in 2015. The current goals are set for our fiscal year 2020. As these are more ambitious goals, they've given shape to where Rockline is headed in a strategic sense.

## ANNUAL GOALS - SHORT TERM

Rockline sets annual sustainability targets, as a way of measuring our progress from year to year. These goals are small, incremental steps toward sustainability.

# OUR APPROACH

## Aspirations Long Term:

Aspirations are our hope for what a completely sustainable Rockline might look like, at some point in the future. Our metrics and goals drive toward each of the aspirations and are categorized as such in the following pages but are summarized here.

1

### ***Fossil Fuel Independence***

Rockline wants to move away from fossil fuels toward clean, low-carbon energy.

- Use energy more efficiently.
- Show preference for low-carbon fuels.
- Adopt alternative and renewable energy sources.
- Eliminate sources of energy use.

2

### ***Create Value, Not Waste***

Rockline wants to minimize waste and its impact on the environment.

- Design waste out of our system.
- Increase manufacturing efficiencies.
- Divert solid waste from landfill.
- Investigate alternative waste strategies like reuse, recycling, and energy recapture.
- Eliminate sources of wastewater from our operations.

3

### ***Ecologically Intelligent Products***

Rockline wants to make and sell products that sustain the environment in the long term.

- Make products that perform using less material.
- Use materials that come from sustainable sources and recycled inputs.
- Incorporate chemicals that are safe for human health and the environment.
- Eliminate packaging and choose packaging materials that are more recyclable by consumers.
- Source materials to achieve zero net deforestation for our products.



# MISSION STATEMENTS & VALUES

## Sustainability Mission Statement

Rockline will take positive steps to develop environmentally sustainable processes, products, packaging, and raw materials throughout the supply chain that will deliver long-term value for our customers, communities, and associates.

## Corporate Mission Statement

Inspiring customer loyalty by turning ideas into convenience products delivering superior value.

## Corporate Vision Statement

Be recognized by our customers as the best net value supplier in the categories where we compete.

### VALUES

#### RENEW

Invest ALL earnings in continuous improvement.

#### RESPECT

Treat others as we want to be treated.

(Associates, Suppliers, Customers, Community, and Environment)

#### INTEGRITY

Do the right thing.

#### TEAMWORK

Individual goals are secondary to team goals.

#### EXCELLENCE

Best in class

# ROCKLINE: LIVING OUR RRITE VALUES

## Community Impact

At Rockline, we understand what sustainability means to our communities; therefore we support and play an active role within them. Shown here are just a few of the charitable things Rockline employees did this year. In FY18 we awarded over \$20,000 in scholarships, made financial donations to local schools and colleges, and donated toys, food, school supplies, and clothes to local students. Additionally, we gladly donated nearly half a million packages of wet wipes to organizations which distributed them to disaster victims of the hurricanes and wildfires last year. We continually look for opportunities to support and build the communities around us and encourage community involvement among our associates.



June 2017 - We hosted 14 high school students ranging from freshman to seniors. High Schools represented: Random Lake, Kohler, Lutheran High, North High, Cedar Grove, and Sheboygan Falls. They toured our facility and spent time with our engineers from various disciplines: mechanical, project, packaging and chemical. The time spent with our engineers was discussing the day and life of an engineer at Rockline. The students also asked many questions about what college they attended and why.



**EOA Children's House – Volunteers**



**NWA's United Way Committee**

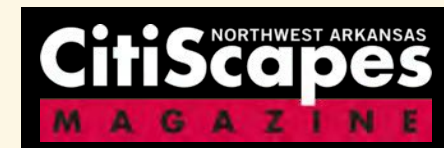
NWA's United Way Committee with the results of our holiday toy drive, where Rockline collected approximately 1,000 toys for the United Way.



## Citiscapes Magazine – 2017 NWA Philanthropy Day Award Recipient - Outstanding Corporation

Rockline Industries has been a longtime supporter of not only of the United Way of Northwest Arkansas, but also of the greater Northwest Arkansas community. For more than 10 years, Rockline has been a contributor in the United Way Workplace Giving Campaign, raising over \$425,000 through employee contributions. The Rockline team hosts special event-fundraisers, from candy-gram sales to silent auctions. In addition to supporting United Way, Rockline hosts annual blood drives for the American Red Cross, has employee volunteers at the White River cleanup, and is a sponsor of Crystal Bridges Museum of American Art. Rockline has sponsored two robotic teams in Benton and Washington Counties, and received a Fit-Friendly Worksite Gold Achievement award in 2016 from the American Heart Association. It is safe to say that Rockline dedicates its philanthropic efforts to multiple organizations across Northwest Arkansas and does so with grace. It is a company that stands behind the mission of organizations and truly makes an impact on the various people served. The employees are innovative, all-hands-on-deck, and simply want to make a difference. They don't volunteer for public recognition, but to truly benefit the community. Rockline Industries was nominated by Elisabeth Ward. Rockline Industries was nominated by Elisabeth Ward, United Way of Northwest Arkansas.

As seen in Citiscapes Magazine, November 2017.





# SUSTAINABILITY TIMELINE

2018

Booneville facility expands geothermal system  
Receives 7th Generations® "Nurturing Nature" award

2016

Multiple facilities complete high efficiency lighting upgrades

2010

Establishes Green Teams at each location  
UK Facility begins waste-to-energy program

2008

Forms Environmental Sustainability Steering Committee  
Begins to track metrics and take steps toward Environmental Sustainability

2004

Total Chlorine Free baby wipe developed and introduced

2017

Establishes a new aspiration to "source materials to achieve zero net deforestation for our products"

Rockline converts its first forestry-certified product

2012

Booneville facility geothermal system operational

2009

Publishes first Environmental Sustainability Baseline Report using GRI and G3 reporting guidelines

2007

100% PLA Dry Floor Sweeper developed  
100% Plant-based wet dryer sheet developed

1990

Baby wipe refill packs introduced instead of plastic tubs

Rockline Industries is a privately-held manufacturer of wet wipe, coffee filter and baking cup products. Headquartered in Sheboygan, WI and founded in Plymouth, WI in 1976 by Ralph Rudolph, Rockline has grown to become a global enterprise. As we look back over our 41-year history, we're proud of the people who have helped us get where we are today. We've grown from a single coffee filter plant in Wisconsin to 8 facilities worldwide. In 1985, Mr. Ralph Rudolph passed control of the organization to his son, Randy, who is our current president.

Rockline's environmental sustainability program was established on Earth Day of 2008. We have always sought to deliver long-term value to our customers, and today that means offering them the highest quality product from the most sustainable business practices. If we can accomplish this, we can ensure future generations have the resources and opportunities to live full and healthy lives. More and more, customers recognize this fact. Our customers expect best practices from us, and we aim to deliver. Our program follows a top-down approach with executive review annually and an environmental steering committee establishing direction on strategic initiatives.

**We have successfully embedded sustainability throughout the organization by designated Green Leads within our facilities, who are responsible for implementing specific initiatives.**

## Categories

Antibacterial	Healthcare
Baby	Household Surfaces
Baking Cup	Incontinence Hygiene
Beauty Care	Industrial
Coffee Filters	Institutional
Disinfecting	Personal Hygiene
Food Service	

## Primary Customers

Club Stores  
Mass Merchandisers  
Grocery Stores  
Institutions  
Drug Stores  
Supermarkets  
Convenience Stores

# SEVENTH GENERATION AWARD



Rockline was the proud recipient of Seventh Generation's Nurturing Nature award, which recognizes those who embrace Seventh Generation's aspirations to enhance health, nurture nature, transform commerce, and build communities. This was the first time in Seventh Generation history that an aspiration award has been given externally, but the company was so impressed by Rockline's progress in our quest for sustainability that there was no doubt in their minds which company should be recognized. Awards like these offer us not just the opportunity for celebration, but also a chance to reflect on who we are as a collective: people who make it right.



As I reflect over the past ten years of Rockline's® sustainability efforts, I recall a conversation I had with Gregor Barnum, former Director of Corporate Consciousness at Seventh Generation, as we were beginning our journey. As we discussed what lay ahead for Rockline, Gregor said, 'Sustainability is a journey; you never arrive. Your goal is to continually progress. Rockline is just beginning their journey, but you guys get it!' Gregor knew we had a lot to learn and that it would require a lot of effort, but he saw in Rockline the commitment and desire to do the right things. I am extremely proud of Rockline's commitment and progress toward being a more sustainable organization, as well as the recognition received from Seventh Generation in being awarded their Nurturing Nature award. However, I am even more excited about what the future holds as we continue our journey.

-- David Cook,  
Consumer Business Unit Director



# BOUNDARIES, SCOPE & METHODOLOGY

## Boundaries

This report covers operations over which Rockline exercises financial control, with the exception of two minor subsidiaries: Rockline Netherlands B.V. and Rockline Trading Hong Kong, which represent less than 1.5% of our global business activities and environmental impact. We have also excluded Soshio (HK) Industrial Co. Ltd., our Chinese manufacturing partner, as we do not exercise financial control over their operations. Iatric Manufacturing Solutions, our newly announced subsidiary, will begin production soon and will be incorporated into this report at a later date. Our Russellville, AR, facility, which started operating in Fiscal 2015, has been added to this report.

## Scope

The greenhouse gas (GHG) emissions data in this report are composed primarily of Scope 1 and Scope 2 data from our manufacturing facilities and offices. This report also contains a limited amount of Scope 3 data (GHG emissions from outbound shipping of our finished goods to customers).

## Methodology

Unless explicitly indicated otherwise, all data, figures, and charts cover the period of our fiscal year ending in 2018, which runs from July 1, 2017, to June 30, 2018. The data in this report has been collected from invoices and statements of accounts sent to Rockline by our utility providers and other vendors.

We have calculated our carbon footprint using the Greenhouse Gas Protocol Corporate Standard, as well as emission coefficients from the United States Environmental Protection Agency (US EPA). In 2014, the US EPA updated the emissions factors, and our data was adjusted to reflect those updates.

This is our tenth annual report. Our previous report was published in January 2018, covering our fiscal year 2017 (July 1, 2016, to June 30, 2017). Prior years' data may be restated due to more accurate information.



# STAKEHOLDERS & STEERING COMMITTEE

## Stakeholders

Our stakeholders were identified as customers, suppliers, associates, and communities in 2008 by our environmental sustainability steering committee. Since then, we have engaged our stakeholders in a myriad of ways. We have integrated environmental sustainability metrics into our supplier reviews and have engaged suppliers in designing their own sustainability programs. We have also engaged our customers to play an active role in many of their sustainability programs. We have an obligation to the communities in which we operate to ensure we do our part to make them livable, clean, and safe.

## 2020 Goals

Specific metric data can be found on pages 11-23. The figures are a comparison of our FY18 versus our FY15 baseline year.

## 2018 Metrics Results

METRIC	UNIT	2020 GOAL	2018 ACTUAL	
Energy Use	Mj/std	-15%	-6%	▼
GHG Emissions	kgCO2e/std	-15%	-5%	▼
Wastewater	L/std	-5%	-20%	▼
Total Solid Waste (Filters)	kg/std	-5%	-27%	▼
Total Solid Waste (Wipes)	kg/std	-20%	+15%	▲
Landfill Diversion Rate	%	77%	57%	▼
Transportation	kgCO2e/tkm	-7%	-12%	▼

## Steering Committee

**Ron Kerscher**  
Sr. VP of Sales and Marketing

**Rich Rudolph**  
VP of Sales

**Nick Santoleri**  
VP of Operations Global Wet Wipes

**Lorraine Crosbie**  
EU Retail Sales Director

**David Deising**  
VP – North American Retail Business

**Kris Delano**  
VP of Human Resources

**David Cook**  
Contract Manufacturing Sales Director

**Josh Eldridge**  
Sustainability Director

**Dustin Davis**  
Global Sustainability Manager





**2020 GOAL -15%**

**2018 ACTUAL -6%**

## ENERGY

Rockline can be classified as a light manufacturer. The energy we procure is used in the conversion of finished raw materials into consumer packaged goods, including wet wipes, coffee filters, and baking cups.

Rockline's current manufacturing processes rely heavily on nonrenewable resources, which poses a long-term risk. The primary opportunity Rockline has to combat this risk is to reduce energy consumption completely. Additionally, investment in renewable energy resources would alleviate this risk altogether. There are several technological advancements that both decreases the cost of operations and have short payback periods. Rockline has invested in such technologies since the inception of our program, including: LED and high-output lighting, motion detection in both manufacturing and office environments, geothermal climate control, and smart compression systems.

### Initiatives

Each of our plants completed multiple high-efficiency lighting projects, with more planned in FY18.

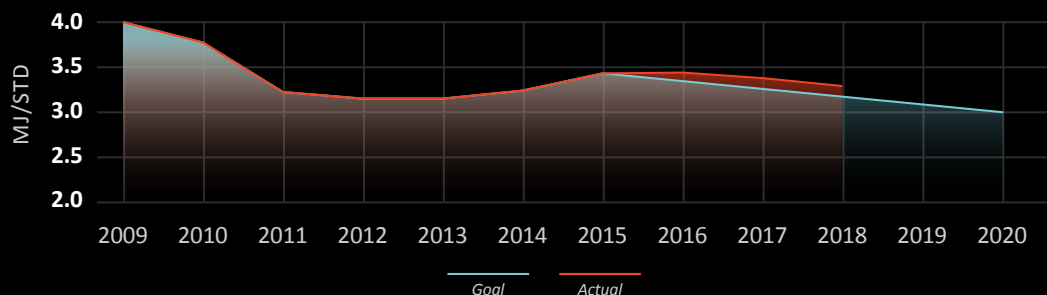
Each of our plants showed continuous improvement, which helped offset some increased energy usage.

Our Montville, NJ, plant replaced all but one propane lift, with the last only being used for non-production support activities.

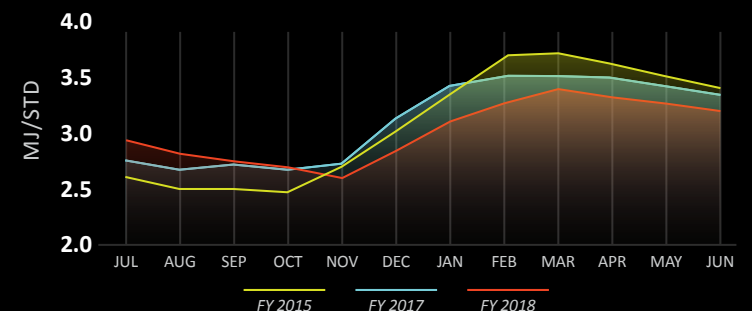
Our Springdale, AR, facility completed a high-efficiency radiant heating project.

Our Redditch, UK, facility installed two energy-efficient transformers as well as collaborated with local utilities for other energy improvements.

### HISTORICAL ENERGY USE



### FY18 ENERGY USE





**2020 GOAL -15%**

**2018 ACTUAL -5%**

## GREENHOUSE GAS EMISSIONS

### Electricity

Rockline's electricity is sourced from public utilities. Global Warming Potential (GWP) updated December 2015 from IPCC Fifth Assessment Report, 2014, as referenced in the GHG Protocol: [www.epa.gov/cleanenergy/energy-resources/egrid/](http://www.epa.gov/cleanenergy/energy-resources/egrid/), UK equivalency obtained from the UK Department of Environment, Farm, and Rural Affairs (DEFRA). Each emissions factor is based on the mix of fuel sources used by the power plants in the region where our facilities are located.

### Thermal Energy

Rockline's two primary thermal fuels are natural gas and No. 2 distillate fuel oil. (The latter is used only at our Montville, NJ, facility.) To determine our emissions factors, we utilize factors published by the Intergovernmental Panel on Climate Change (IPCC). Rockline procures these fuels from public utilities or traditional commercial suppliers. The same factors are used for all of our facilities.

### Vehicle Fuels

Rockline vehicle fuels, which include conventional motor diesel and conventional unleaded gasoline, are procured from local suppliers. We utilize IPCC emissions factors to determine our emissions. The same factors are used at all of our facilities. Emissions from fossil fuels contribute to both changes in climate and quality of air. The impacts can be traced to raw material feed stocks through the supply chain to storage and sale. Reducing reliance on and minimizing the use of fossil fuels is our best strategy for reducing our greenhouse gas emissions.

### Initiatives

Our Monteville, NJ, facility continued replacement of inefficient lighting with LEDs.

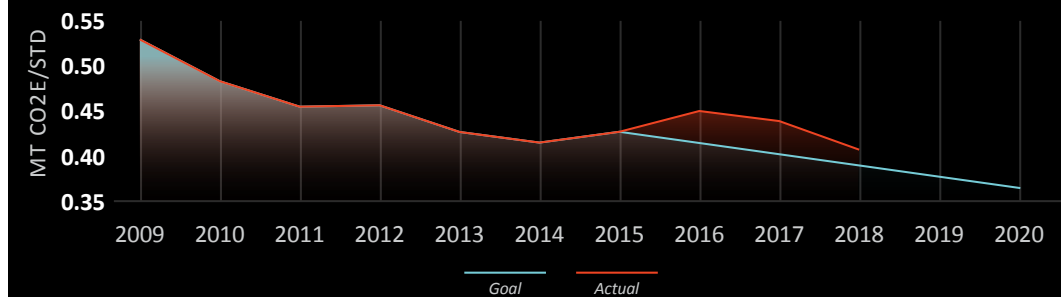
Our Booneville, AR, continued replacement of inefficient lighting with LEDs.

Our Springdale, AR, plant finished upgrades to the roof in manufacturing and offices, resulting in more efficient heating and cooling.

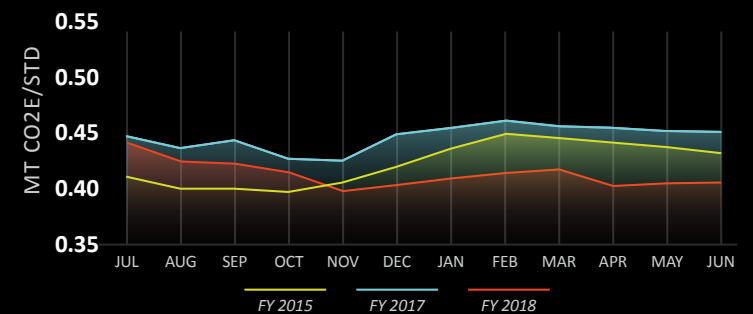
Our Russellville, AR, plant continued upgrades to the roof in manufacturing and offices, resulting in more efficient heating and cooling.

Our Booneville, AR, facility completed new wells to expand the size of the geothermal system.

## HISTORICAL GHG EMISSIONS



## FY18 GHG EMISSIONS







**2020 GOAL -7%**

**2018 ACTUAL -12%**

## TRANSPORTATION

### Transportation - Outbound Shipping Footprint

Rockline evaluates the environmental impact of its transportation operations by measuring greenhouse gas emission from the outbound transport of finished goods. In 2013, Rockline officially became qualified as a US EPA Smartway Transport Partner, signaling our commitment to reducing transportation-related emissions and improving the fuel efficiency of our logistics network.

### Transportation - Outbound Shipping Modes

Rockline's logistics team is constantly seeking new ways to reduce fuel consumption and optimize shipments. We use all major modes of transportation to ship finished goods, including truck, rail, ocean, and air freight. For each of the shipping modes, Rockline has established a per-tonne-kilometer greenhouse gas emissions factor. The factors for all modes are based on published sources with the exception of less-than-truckload (LTL) shipping. There is no standardized method of estimating carbon emissions from LTL shipments; Rockline adds a 20% premium to the truckload factor to account for the extra distance that LTL shipments typically travel.

### Initiatives

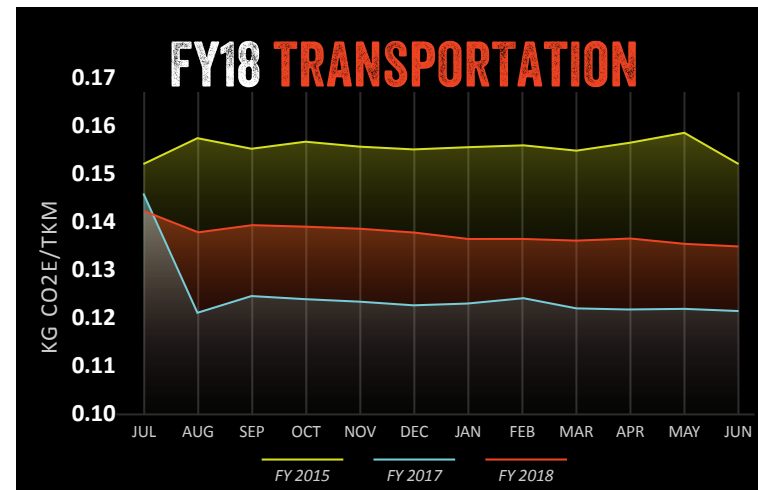
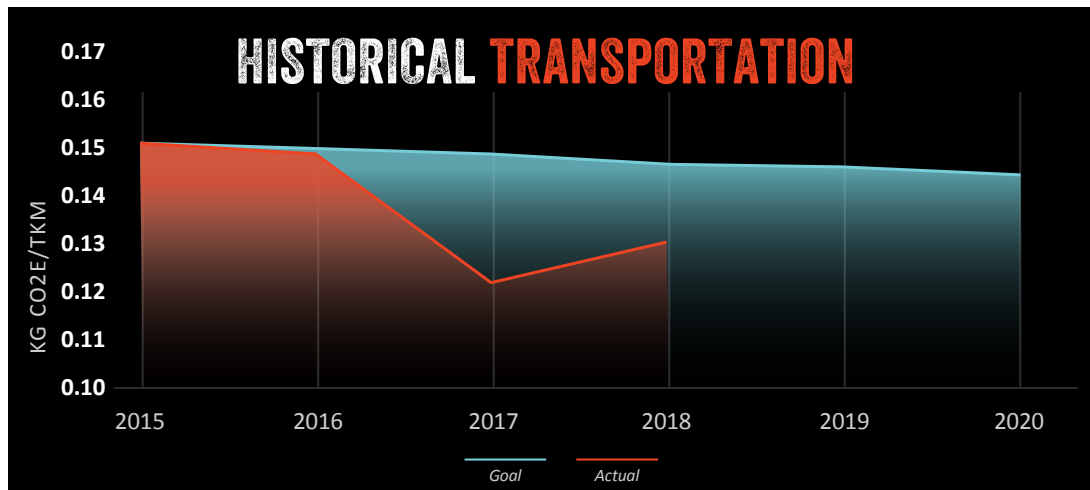
Our Supply Chain group is continuing to focus on maximizing truckload utilization by working with individual customers and pool shipments.

We initiated a deconsolidation/consolidation point, resulting in the elimination of a significant number of truckloads.

We bought some production to the United States that was previously done overseas, resulting in reduced emissions.

We continue to utilize our inbound carriers for outbound loads, eliminating deadhead miles for carriers to pick up our freight.

We consolidated to a more centralized port, eliminating more inland miles, which resulted in a reduction of diesel consumption.



# FOSSIL FUEL INDEPENDENCE

Energy, Greenhouse Gas, Transportation



The energy we use can be broken down into three broad categories: electrical, thermal, and vehicular. The following tables illustrate our energy usage over the last 2 fiscal years versus our baseline.

	2015	2017	2018	% Chg
Per Unit Of Production	3.387	3.303	3.197	-6%
Electricity	96,542	113,445	114,209	18%
Thermal Energy - Natural Gas	70,690	64,767	77,885	10%
Thermal Energy - No. 2 Fuel Oil	2,132	1,681	2,356	11%
Vehicle Fuels - Propane	256	86	100	-61%
Vehicle Fuels - Motor Diesel	29,761	32,477	41,814	40%
Vehicle Fuels - Motor Gasoline	189	266	52	-72%

[All totals are in gigajoules (GJ), except the per-unit totals, which are in megajoules (MJ). A unit of production is 1,000 pieces. All percentages are 2018 versus our 2015 baseline. Bars indicate relative change only. Not to scale.]

	2015	2017	2018	% Chg
Scope 1 (On-Site)	6,359	6,188	7,657	20%
Scope 2 (Remote)	18,584	21,957	22,054	19%
Total	24,943	28,146	29,711	19%
Per Unit of Production	0.424	0.437	0.402	-5%

[All totals are in metric tons (MT), except the per-unit totals, which are in kilograms (kg). All percentages are 2018 versus our 2015 baseline. Bars indicate relative change only. Not to scale.]





# FOSSIL FUEL INDEPENDENCE

Energy, Greenhouse Gas, Transportation



The energy we use can be broken down into three broad categories: electrical, thermal, and vehicular. The following tables illustrate our energy usage over the last 2 fiscal years versus our baseline.

		2015	2017	2018	% Chg
FOOTPRINT	Truckload	18,016	18,234	21,305	18%
	Less than Truckload	4,170	4,716	4,857	16%
	Rail	562	1,091	721	28%
	Ocean (Container Ship)	785	1,636	1,376	75%
	Air	0	0	0	0%
	Total	24,451	26,347	29,259	20%
	Per Tonne-Kilometer	0.151	0.122	0.133	-12%
MODES	Truckload	88,193	89,257	104,294	18%
	Less than Truckload	17,011	19,238	19,813	16%
	Rail	28,098	54,561	49,960	78%
	Ocean (Container Ship)	23,758	49,501	41,651	75%
	Air	0	0	0	0%
	Total	161,552	215,839	219,251	36%

**Footprint** -- [All totals are in metric tons (MT) of CO2-equivalent emissions, except the per-unit totals, which are in kilograms (kg) of CO2-equivalent emissions. All percentages are 2018 versus our 2015 baseline. Bars indicate relative change only. Not to scale.]

**Modes** -- [All totals are in thousands of tonne-kilometers. All percentages are 2018 versus our 2015 baseline. Bars indicate relative change only. Not to scale.]





**2020 GOAL -5%**

**2018 ACTUAL -20%**

## WASTEWATER

Our operations use significant quantities of water to formulate lotions for our wet wipe products. Although some of our lotion is purchased pre-mixed in reusable containers called totes, the majority of the lotion we use is mixed on-site in our specialized Chemical Mix Departments. Because the amount and type of lotions used in our products are largely determined by our customers, we have chosen instead to focus on increasing the efficiency of our water use, an area over which we have more direct operational control.

### Initiatives

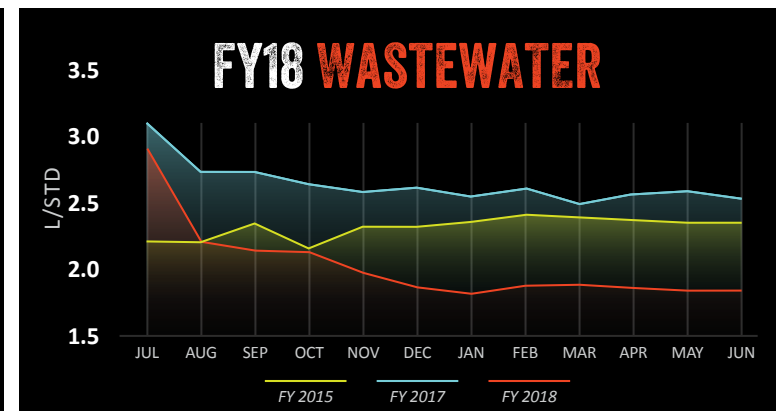
Our Springdale, AR, plant implemented improvement within the line vacuum system which resulted in a wastewater reduction. Further improvements will be made in 2018.

Our Montville, NJ, plant, a relatively small consumer of water, was able to identify an issue related to the steam system, resulting in wastewater reduction.

Our Booneville, AR, plant is working with process engineering to identify issue points within the process and identify improvement opportunities.

Our Redditch, UK, plant launched a major project to track water usage. They realized significant reductions in wastewater.

Our Russellville, AR, plant is beginning a project to reduce excess solution waste in FY18 resulting in lower overall water consumption in 2015 and 2016.





**2020 GOAL -20%**

**2018 ACTUAL 15%**

## SOLID WASTE - WET WIPES

Waste is the inefficient use of resources. Rockline defined solid waste as all waste leaving our facilities regardless of how it is generated or handled. Our coffee filter and baking cup production generates a high amount of waste because the filters are cut from square sheets of paper. Even though the paper scrap is recycled, it is still considered waste because a truly efficient process would use all the paper. Rockline focuses on the measurement, reduction and elimination of waste from our manufacturing processes to provide better value to our customers. Every step we take toward reducing solid waste relieves a portion of the demand placed on natural resources.

We realized higher-than-normal increases of waste on the wet wipes side in part because we incorporated our Russellville, AR, plant into our metrics. Russellville is still ramping up as new lines are added. Other increases were realized due to a significant amount of remnant inventory being dispositioned throughout the year.

### Initiatives

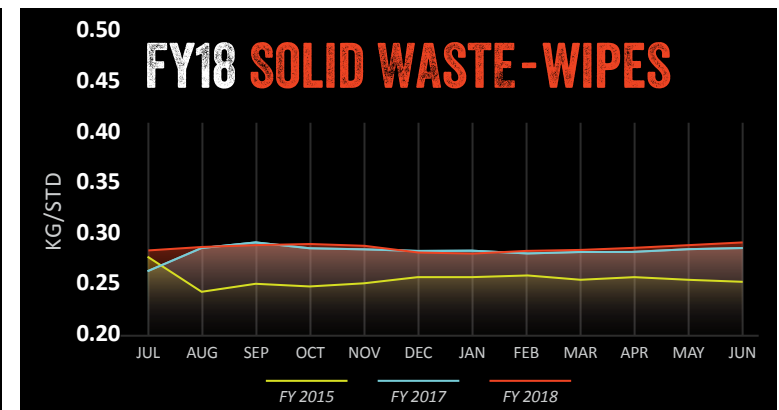
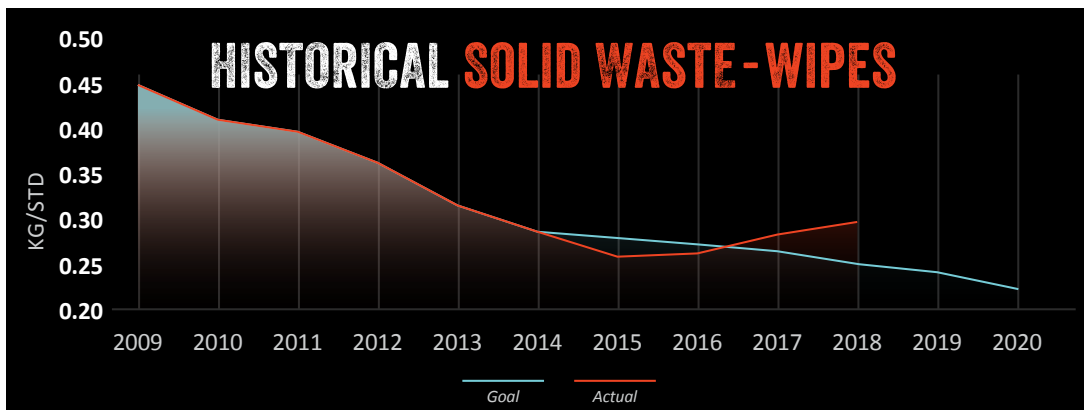
Our Montville, NJ, plant realized waste reductions for FY17 through machine modifications on a filters line.

Our Sheboygan, WI, plant installed real-time waste-monitoring equipment to provide visibility and allow for early corrections.

Our Springdale, AR, plant implemented a plant focus on waste reduction resulting in an 8% reduction from the baseline year.

Our Booneville, AR, plant has worked and is working with multiple lines to reduce the amount of waste created at the start of runs.

Our Sheboygan, WI, plant established equipment set up parameters on commercial filters.







**2020 GOAL -5%**

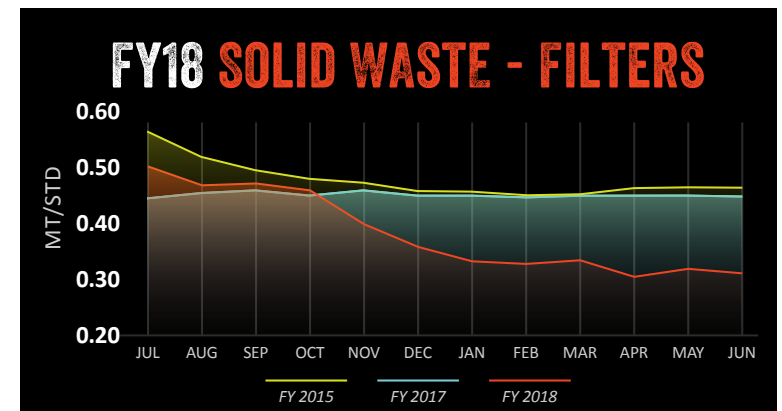
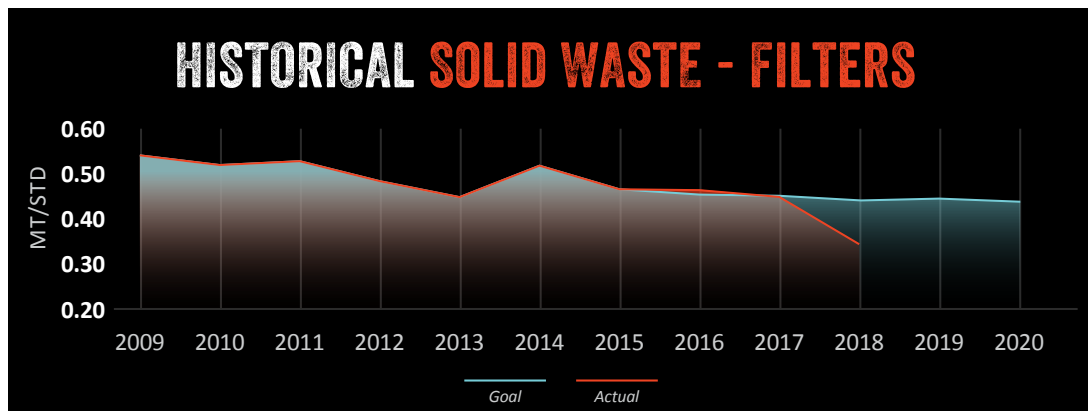
**2018 ACTUAL -27%**

## SOLID WASTE - FILTERS

### Coffee filters & Baking Cups

Our operations use comparatively limited amounts of water. Water is primarily used to test the flow rates of coffee filters and to generate steam, which is used to give basket-style coffee filters and paper baking cups their distinctive shapes.

Outside of finished goods, we use water for a range of other purposes. Our products undergo extensive quality testing before we ship them for public consumption, and many of these tests require water. Rockline also uses water to flush, clean, and sanitize piping and other machinery used to deliver lotion to the production lines. Wastewater continues to be one of the most challenging of all of our sustainability goals. Although we will not sacrifice quality to save water, we can increase our focus toward more efficient water use, even in testing and cleaning. We have the opportunity to increase the accuracy of the methodology we use to track the amount of water in the products that we ship. Currently we make estimates based on production statistics and product specifications.





**2020 GOAL 77%**

**2018 ACTUAL -57%**

## LANDFILL DIVERSION

All solid waste that is not recycled, reused, or incinerated for energy recapture is sent to landfill. The greatest opportunity Rockline has to divert waste from landfill is finding customers downstream who value our waste. In fiscal 2015, Rockline made the decision to send waste from our Springdale and Booneville facilities back to landfill rather than incineration, as we had been since fiscal 2012.

We have a continued focus on reuse and recycle opportunities for our nonwovens, our largest portion of solid waste. Today, only a small portion of this material is recycled due to limited opportunities. To calculate our landfill rate, we divide the amount of waste sent to landfill by the total amount of waste leaving our facilities, which includes landfilled waste, as well as recycled waste, waste incinerated for energy recapture, and waste donated for reuse.

### Initiatives

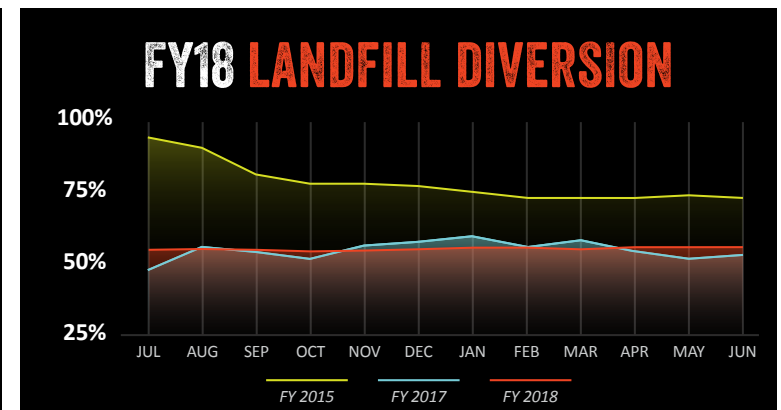
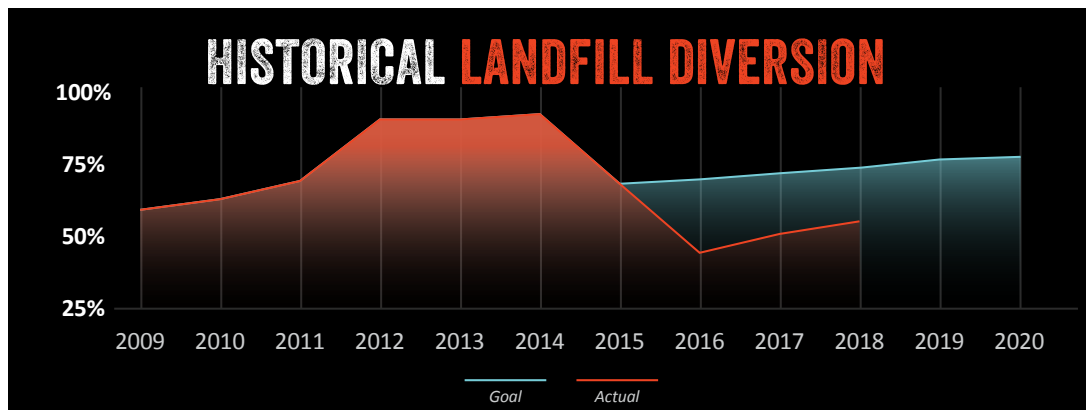
Our Redditch, UK, plant had zero landfill for FY18.

Our Sheboygan, WI, plant is actively working with multiple recyclers in the local area and identified new avenues for some of our paper waste.

Our Russellville, AR, plant is initiating a localized Green Team to actively look for recycling opportunities.

Our Montville, NJ, plant achieved a 99% landfill diversion rate for FY18.

Our Springdale, AR, plant is currently partnering with the University of Arkansas Social Innovation Initiative to help develop sustainable alternatives for our solid waste.



# CREATE VALUE, NOT WASTE

## Wastewater, Solid Waste, Landfill Diversion

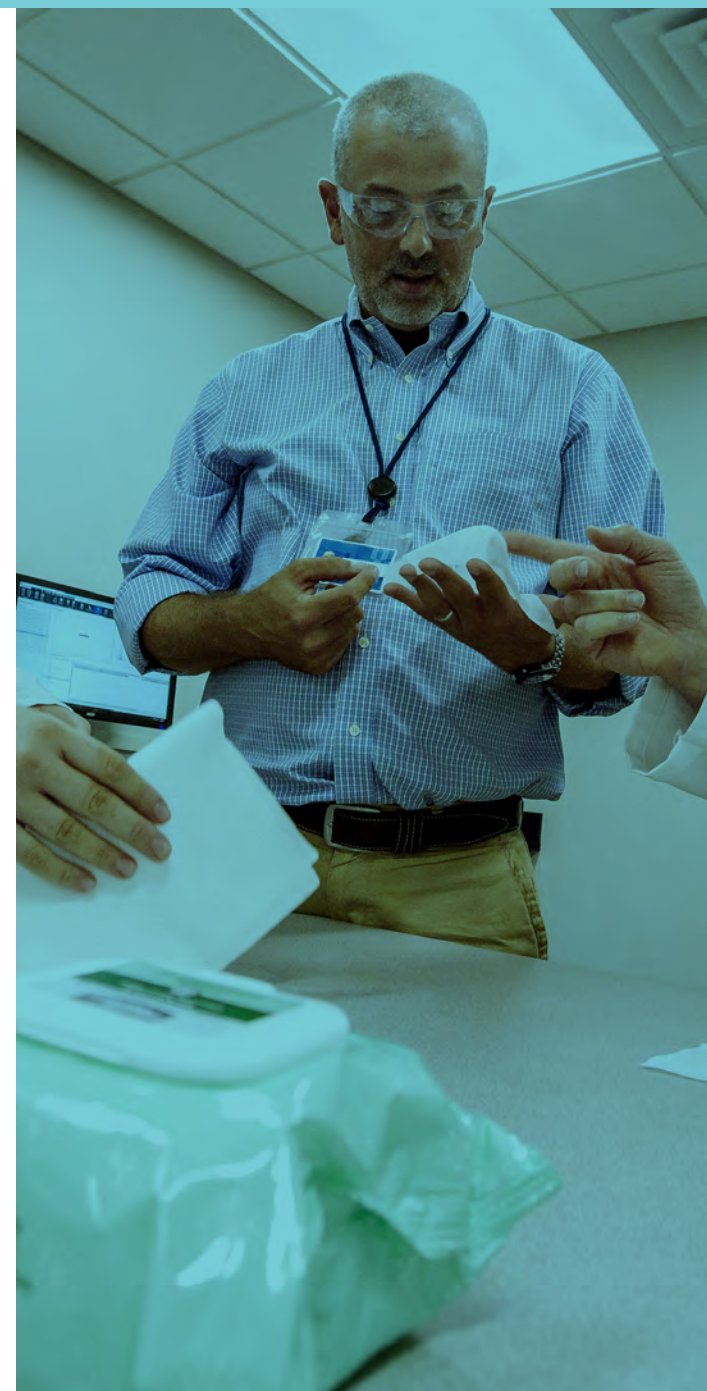


	2015	2017	2018	% Chg
Coffee Filters	9,365	8,788	8,657	-8%
Per Unit of Production	0.469	0.459	0.343	-27%

	2015	2017	2018	% Chg
Wet Wipes	9,694	12,492	13,995	44%
Per Unit of Production	0.249	0.276	0.287	15%
Total Solid Waste	19,059	21,279	22,652	19%
Per Unit of Production	0.324	0.330	0.306	-5%

	2015	2017	2018	% Chg
Landfill	5,411	9,042	9,829	82%
Recycled	12,519	11,045	11,368	-9%
Waste-to-Energy Incineration	1,130	1,192	1,455	29%
Landfill Diversion Rate	67%	58%	57%	10%

[Totals are in metric tons (MT). Landfill Diversion Rate is the percentage of total solid waste that was diverted from the landfill. All percentages are 2018 versus our 2015 baseline.]





# CREATE VALUE, NOT WASTE

## Wastewater, Solid Waste, Landfill Diversion



	2015	2017	2018	% Chg
Incoming Water	308,891	376,057	366,797	19%
Water Used in Products	171,430	214,138	229,770	34%
% of Water Used in Products	55.5%	56.9%	62.6%	13%
Non-Product Water Use	137,461	161,919	137,026	0%
Per Unit of Production	2.321	2.511	1.853	-20%

[All totals are in cubic meters (m3), except for per-unit water use, which is in liters (L). All percentages are 2017 versus our 2015 baseline year. Bars indicate relative change only. Not to scale.]





**Rockline wants to make and sell products that sustain the environment in the long term.**

## Clean & Pure Chemistry

Rockline's clean chemistry position is to use fewest possible ingredients at the lowest possible level to assure the product remains high quality, fresh, and safe for during the product shelf life and use. Ingredients in our formulas will not contain chemicals that are banned, restricted, or of high concern: this includes parabens, phthalates, isothiazolinones, formaldehyde, sulfates, and known skin irritants or sensitizers. Ingredients that are made from palm oil or palm oil derivatives, will be obtained from sustainable sources.

Rockline will become more transparent regarding the ingredients used in our personal care products and provide customers and consumers with direct and straightforward information about the ingredients in our wet wipe products. We continually assess the most recent and credible health and safety information available for the ingredients in our wipes and evaluate their impact on the products we sell.

## Deforestation 2020 Initiative

Rockline announced initiative Deforestation 2020. The goal for this initiative is that 90% of the wood-derived fibers by weight for all wipes, coffee filters, and baking cups produced or purchased globally will be chain-of-custody certified through either FSC, SFI, or PEFC by the end of calendar year 2020. Significant progress was made in this initiative over the last year, and we are on track to hit our goal.



# LETTER FROM THE CORPORATE SUSTAINABILITY PROGRAM MANAGER

## Hello, and Welcome to Rockline's 2018 Environmental Sustainability Report!

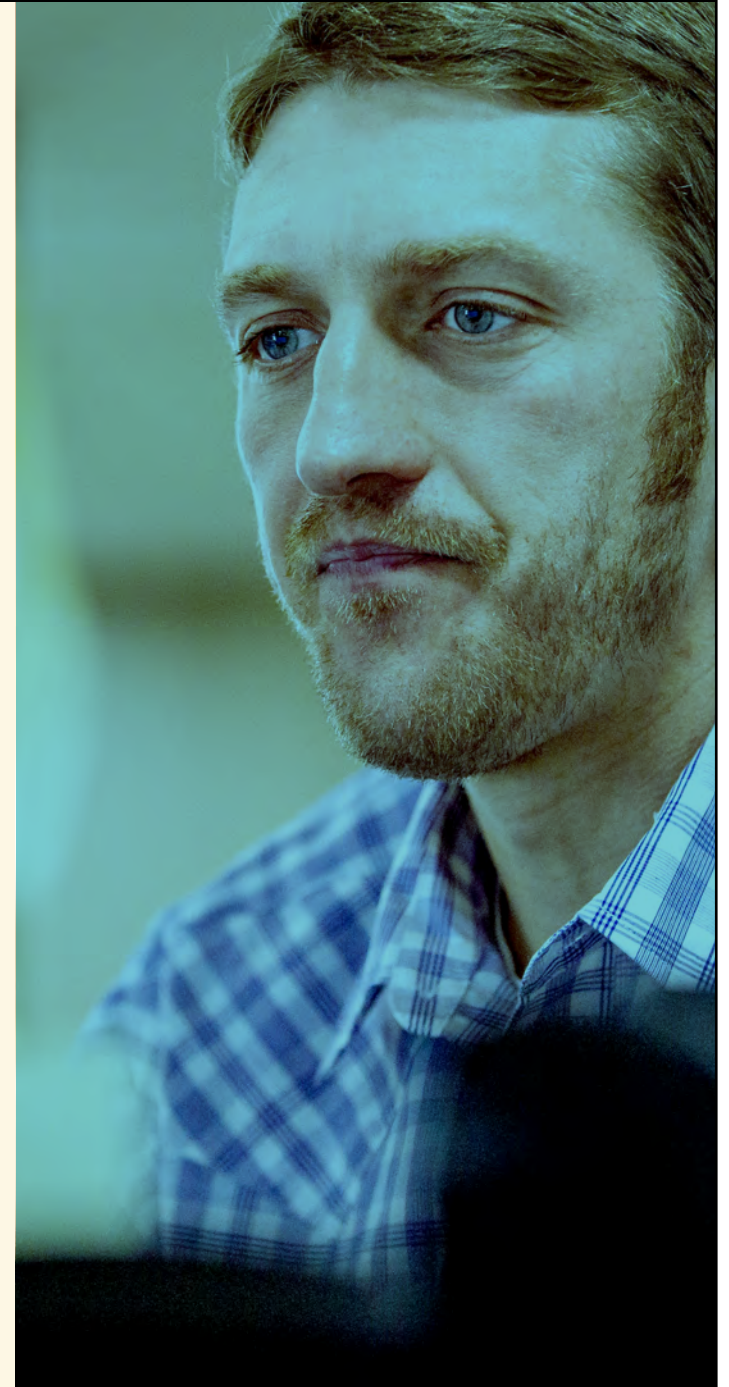
As most of you know, this was my first year as Rockline's Global Sustainability Manager, and what a year it was! As I sit here reviewing our company's Sustainability Aspirations, I can't help but be in awe at how far the organization has come in the last 10 years.

**Although our journey toward a greener future remains ongoing, the improvements we have made to protect our planet despite our incredible growth, as well as the many challenges that naturally arise as a result of that growth, show our dedication and determination to sustainability and the creation of a better future.**

Manufacturing environments present a particularly difficult set of obstacles to overcome on the path to sustainability; in other words, manufacturing is the "Tough Mudder" of environmentalism. This past year, with the focused set of projects outlined in this report, we were able to make substantial progress toward our 2020 goals. I hope to continue these efforts and build on the program through a renewed focus on sourcing sustainable materials for our products, fostering a circular model for our product and packaging life cycles, and supporting plant projects to positively affect our measures. Thank you to all that have supported the company's green initiatives and walked with us on the path towards a more sustainable future. As we often say, Rockline would not be the company it is today without our wonderful associates: the people who make it right.

Dustin Davis  
Corporate Sustainability Program Manager

Want to chat more about going green? Contact me via email at [dsdavis@rocklineind.com](mailto:dsdavis@rocklineind.com), or give me a shout the old-fashioned way at 479-466-4674.





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This report references Standard Disclosures from the Global Reporting Initiative's (GRI) G4 Sustainability Reporting Guidelines.





For more information about Rockline Industries please visit  
**[rocklineind.com](http://rocklineind.com)**

To find this report as well as previous year's Environmental Sustainability reports go to  
**[rocklineind.com/environmental-sustainability](http://rocklineind.com/environmental-sustainability)**