



2024 ENVIRONMENTAL REPORT -SRUSA FACTORY

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3. Environmental Policy
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6. Sustainability
7. Environmental Performance
8. Energy Management
9. Waste Management
10. Water Management
11. Emission Monitoring
12. Solvent Tracking
13. Water Discharge Management
14. Corporate Responsibility
15. Fire Drill and Education
16. Safety

SRI WAY System Chart

The SRI WAY

<Corporate Philosophy>

For what purpose do we exist?

"In order to fulfill our social responsibilities as a corporate citizen, the Sumitomo Rubber Group will continuously strive to be a reliable and trusted global corporate group that enriches people's lives through the creation of new value while at the same time pursuing greater happiness for all of our group employees and contributing extensively to both our communities and to society as a whole."

1. We will respond to our customers' demands by striving to provide better products with a strong sense of responsibility and a solid grounding in the principle of "genchi-genbutsu" (seeing things with one's own eyes).
2. We will pioneer a new era by flexibly adapting to the times while maintaining a solid management foundation.
3. We will actively seek out and develop new market needs by enhancing our R&D capabilities and advanced proprietary technology.
4. We will engage in environmentally responsible business practices and pursue the development of environmentally friendly products and technologies.
5. We will create "attractive working conditions" and contribute to "more comfortable living."

<Long-Term Vision>

What do we aim to be? What are we headed for?

We will aim to be a corporate group that continues to provide the World's Best Value in all areas of our business.

Go for NEXT

Become a True Global Player with Both High Profits and Rapid Growth
Pursue Increased Value for All Stakeholders and Greater Happiness for All Employees

<Values>What do we consider important?

Integrity and Soundness

Communication

Set the Bar Higher

Cultivate People

<Action Principles>How should we act? (Attitudes)

- Customer First
- Genchi-Genbutsu
- Scientific Approach
- Continuous Improvement

- Get to Know One Another
- Face-to-Face Communication
- Report, Liaise and Consult Across All Levels

- Problem Awareness
- Set Benchmarks

- Teach/Learn by Doing (OJT)
- Achieve Results through Teamwork

The Sumitomo Business Spirit

Integrity and Soundness

Respect for People

Value Technology

Mutual Prosperity

Main Plant Area = 129 acres

- **Manufacturing Floor ~ 1,398,700 sq. ft.**
- **Warehouse Floor ~ 554,709 sq. ft.**
- **Services Floor Area ~ 151,463 sq. ft.**
- **Other Floor Area ~ 82,147 sq. ft.**

TOTAL ~ 2,187,019 SQ. FT.

Plant Hourly Associates = 1192

Plant Salary Associates = 228

Corp. Salary Associates = 127

Plant Contract Associates = 136 (Warehouse, Quality ,Eng, Admin, Security, Janitorial)



All businesses operating on a continuous schedule

24x7 – 346 days



PCR/LTR

**8,500
TPD**



Motorcycle

4,000 TPD



TBR

**1,000
TPD**

**C**

Sumitomo Rubber USA, LLC is committed to continual improvement of its Environmental Management System (EMS) that shall include:

A

Compliance with all relevant Federal, State, and Local regulations, including specific plant requirements as identified in its EMS program.

R

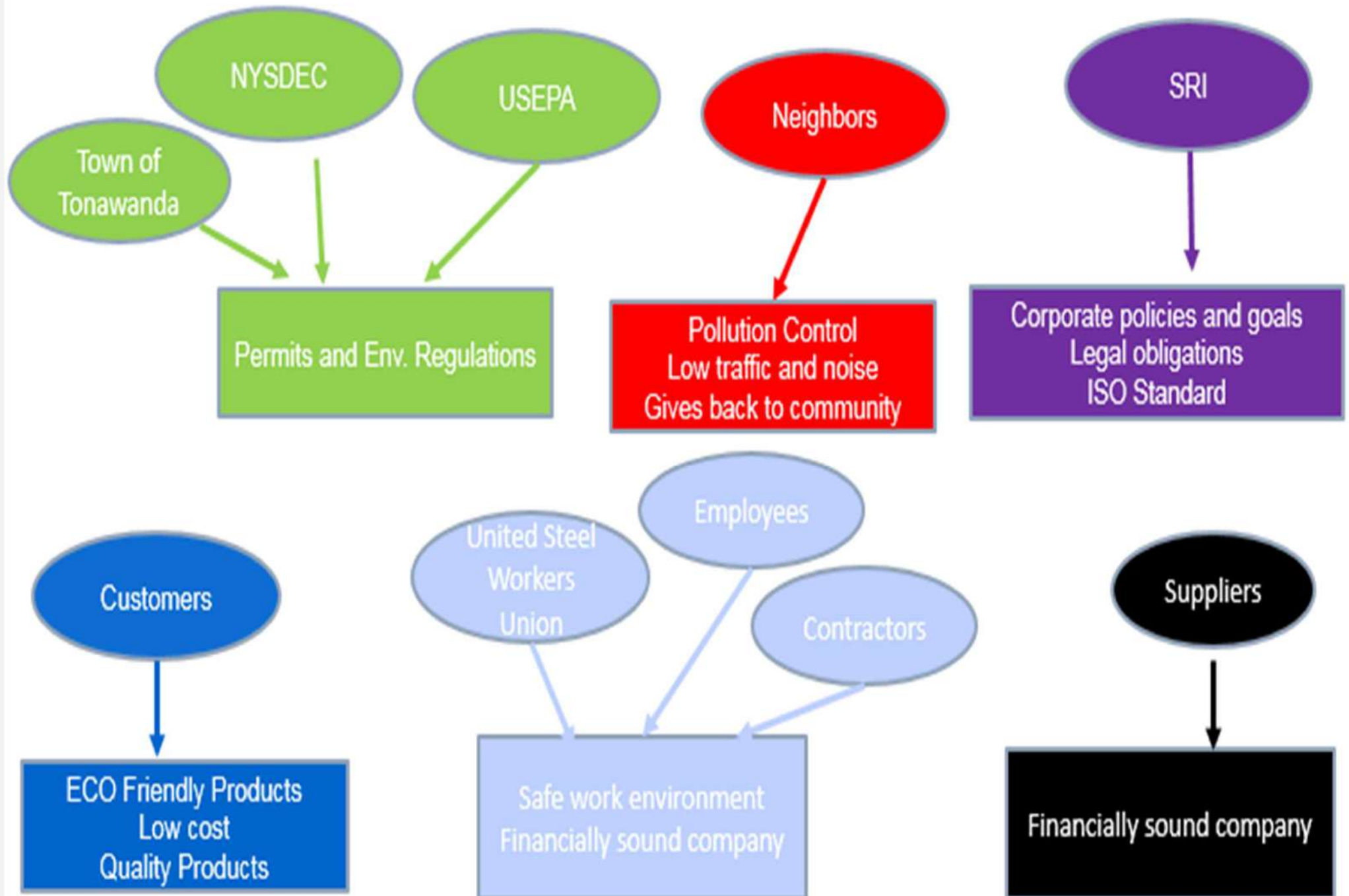
Awareness, training, and involvement in programs directed toward the protection and improvement of the environment and the prevention of pollution.

E

Recycling, reuse, and reduction of materials to minimize any adverse impact on the environment.

Energy conservation and awareness, along with environmental objectives aimed toward continual improvement.

ENVIRONMENTAL POLICY



ISO 14001:2015

ISO 9001:2015

IATF 16949:2016

Current issue date: 5 December 2022
 Expiry date: 4 December 2025
 Certificate identity number: 1042095

Original approval(s):
 ISO 14001 - 5 December 2007

Certificate of Approval

This is to certify that the Management System of:

Sumitomo Rubber Group

Sumitomo Rubber USA, LLC
 10 Sheridan Drive, Tonawanda NY 14150, United States

has been approved by LRQA to the following standards:

ISO 14001:2015
JIS Q 14001:2015

Approval number(s): ISO 14001 – 0077120-029

This certificate forms part of the approval identified by approval number: 0077120

The scope of this approval is applicable to:
 Design and manufacture of motorcycle tires, manufacture of truck/bus tires, and manufacture of passenger and light truck tires.

Yasushi Horikawa
 Japan Operations Manager
 Issued by: LRQA Limited

LRQA Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'LRQA'. LRQA assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has agreed a contract with the relevant LRQA entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.
 Issued by: LRQA Limited, 1 Trinity Park, Sickenhall Lane, Birmingham B37 7EL, United Kingdom

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Current issue date: 8 April 2023
 Expiry date: 7 April 2025
 Certificate identity number: 10422275

Original approval(s):
 ISO 9001 - 25 October 2016

Certificate of Approval

This is to certify that the Management System of:

Sumitomo Rubber USA, LLC

10 Sheridan Drive, Tonawanda, NY, 14150, United States

has been approved by LRQA to the following standards:

ISO 9001:2015

Approval number(s): ISO 9001 – 0015178

This certificate is valid only in association with the certificate schedule bearing the same number on which the locations applicable to this approval are listed.

The scope of this approval is applicable to:
 Design, Manufacture, Test and Sales of Motorcycle Tires, Manufacture of Truck/Bus tires, Manufacture of Passenger and Light Truck Tires.

Cliff Muckleroy
 Area Operations Manager Americas
 Issued by: LRQA Inc.

LRQA Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'LRQA'. LRQA assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has agreed a contract with the relevant LRQA entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.
 Issued by: LRQA Inc., 1320 Enclave Parkway, Suite 200, Houston, Texas 77077, United States

Page 1 of 2

Certificate date: 11 March 2022
 Expiry date: 10 March 2025
 Certificate number: 10432274
 IATF Certificate number: 0468594

Certificate of Approval

This is to certify that the Management System of:

Sumitomo Rubber USA, LLC

10 Sheridan Drive, Tonawanda, NY, 14150, United States

has been approved by LRQA to the following standards:

IATF 16949:2016

Approval number(s): IATF 16949 – 00019001-001

This certificate is valid only in association with the certificate schedule bearing the same number on which the locations applicable to this approval are listed.

The scope of this approval is applicable to:
 Design and Manufacture of Motorcycle Tires, Truck/Bus, Passenger and Light Truck Tires.

Cliff Muckleroy
 Area Operations Manager Americas
 Issued by: LRQA Limited

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Where does the waste go?

SRUSA is a Zero Waste to Landfill Facility (since 2007)



Covanta Niagara



Playgrounds

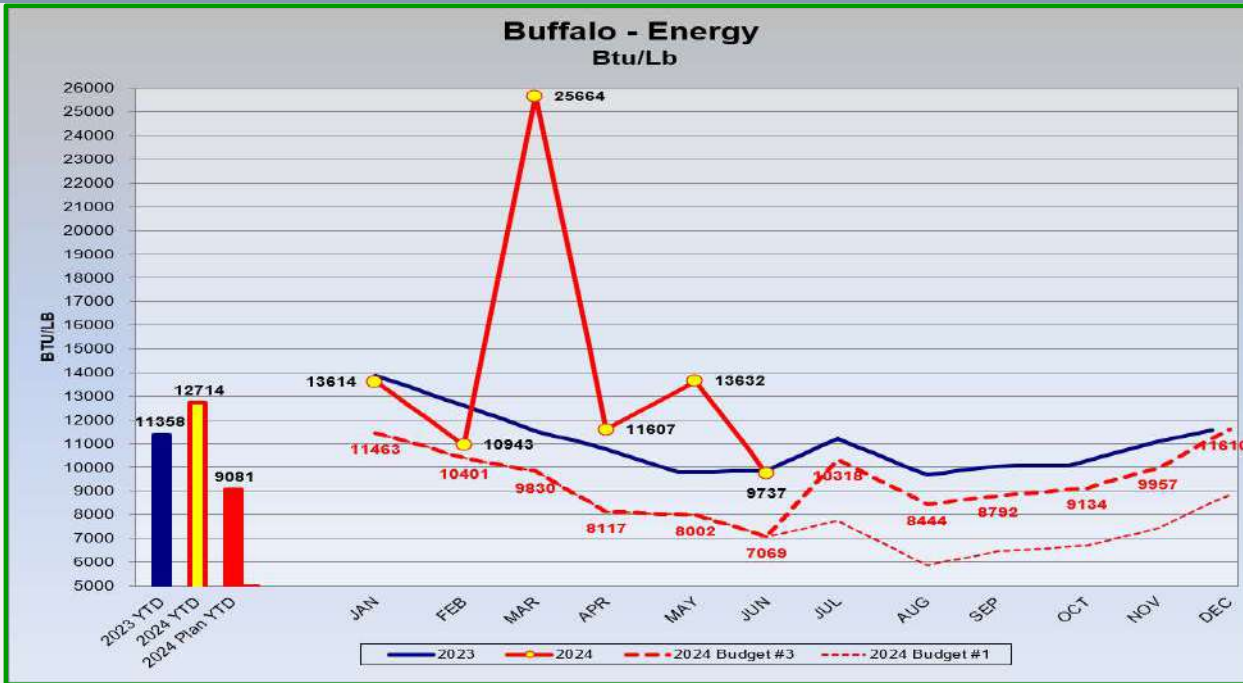


Scrap Tires

1. General trash and non-hazardous material (such as carbon black, mixer sludge, wood, and buffing dust) are shipped to Covanta Niagara in Niagara Falls, NY to be burned for energy
2. Cured scrap tires are shipped to HTI in Lockport, NY to be shredded. The shreds are then sold to other companies to put in turf for football fields, ground of playgrounds, into road mixtures, etc.
3. All material that leaves this facility is either burned for energy or recycled. The only exception is asbestos material and contaminated soil.
4. In 2024 the incinerator that our waste goes to had an extended outage and wastes (general trash) were diverted to landfill.

Items	Management Indicator	Total Amount or Consumption	Units	2023				2022 Results	Evaluation
				Target		Actual			
				2023 Target	Target Vs. 2022	2023	2023 Vs. 2022		
Prod Volume	NR Consumption	Total Amount	t	35,786	127%	33,855	120%	28,178	
Building low carbon society	Energy Usage	Total Amount	KL	38,741	99%	40,945	105%	39,132	
		T Amount/ Production	KL/t	1.37	99%	1.21	87%	1.39	
	CO2 Emissions	Total Amount	tC	32,252	99%	32,125	99%	32,578	
		T Amount/ Production	tC/t	1.14	99%	0.95	82%	1.16	
Recycling based society	Waste	Total Amount	t	9,851	99%	11,209	113%	9,951	
		T Amount/ Production	t/t	0.35	99%	0.33	94%	0.35	
Reduction of environmental burden	VOC Emissions	Total Amount	t	92.05	99%	98.35	106%	92.98	
		T Amount/ Production	t/1000t	1.722	99%	2.905	167%	1.74	
Water resource Conservation	Water Usage	Total Amount	1000m3	2,198	99%	2,349	106%	2,220	
		T Amount/ Production	m3/t	41	99%	69	167%	42	
	Wastewater	Total Amount	1000m3	2,897	99%	3,188	109%	2,926	
		T Amount/ Production	m3/t	54	99%	94	172%	55	

	施設Facility	項目Item	単位Unit	規制値Regulation Value	2023年度実績FY 2023 results			法律名称など Legislation to verify the regulation value
					最小Min	最大Max	平均Ave.	
大気への排 出Emission to the atmosphere	ボイラーBoiler	SOx	-	There is no current limit for SOx because we are using natural gas for boiler fuel. A limit on sulfur content of fuel oil would be imposed if we switched to oil. Other conditions would also apply. At the time the current permit was written we still had the capability of using #6 fuel oil to run the boilers. We no longer have the capability to switch fuels and are 100% natural gas. Please note that we are currently in the permit renewal process with New York State.	-	-	-	NYSDEC Title V Air Permit
		NOx	US Tons/Year	99	-	37.8	-	
		ばいじんDust, Particulate Matter (PM)	-	There is a PM limit of 0.20 pound per million Btu heat input when using oil. This limit does not apply when combusting natural gas. At the time the current permit was written we still had the capability of using #6 fuel oil to run the boilers. We no longer have the capability to switch fuels and are 100% natural gas. Please note that we are currently in the permit renewal process with New York State.	-	-	-	



2023 Energy Projects

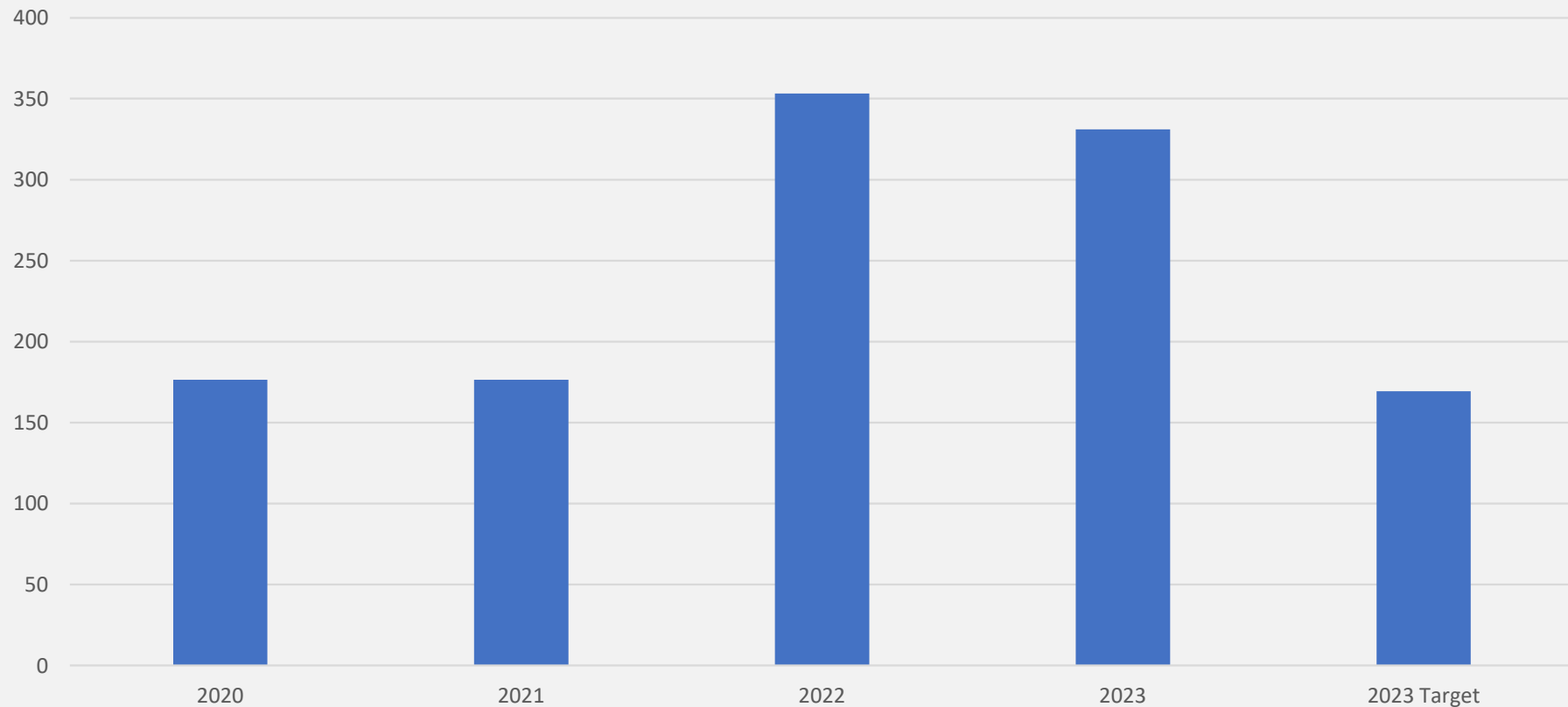
- LED Lighting Upgrades - Electrical
- Platen Conversion (Presses 14 & 15) - Fuel
- D213 Cooling Tower – Electrical
- D214 Cooling Tower - Electrical
- Air Leaks – Electrical
- HVAC Upgrade Building 2 – Fuel (2-1 & 2-2 replace, 2-3 obsolete)
- HVAC Upgrade Building 14 – Fuel (14-1 & 14-2 replace heating only)

2024 Energy Projects

- LED Lighting Upgrades - Electrical
- Platen Conversion (Presses 15) - Fuel
- D213 Cooling Tower – Electrical
- D214 Cooling Tower - Electrical
- Air Leaks – Electrical
- HVAC Upgrade Building 2 – Fuel (2-4 & 2-5 replace)
- HVAC Upgrade Building 14 – Fuel (14-1 & 14-2 replace heating only)



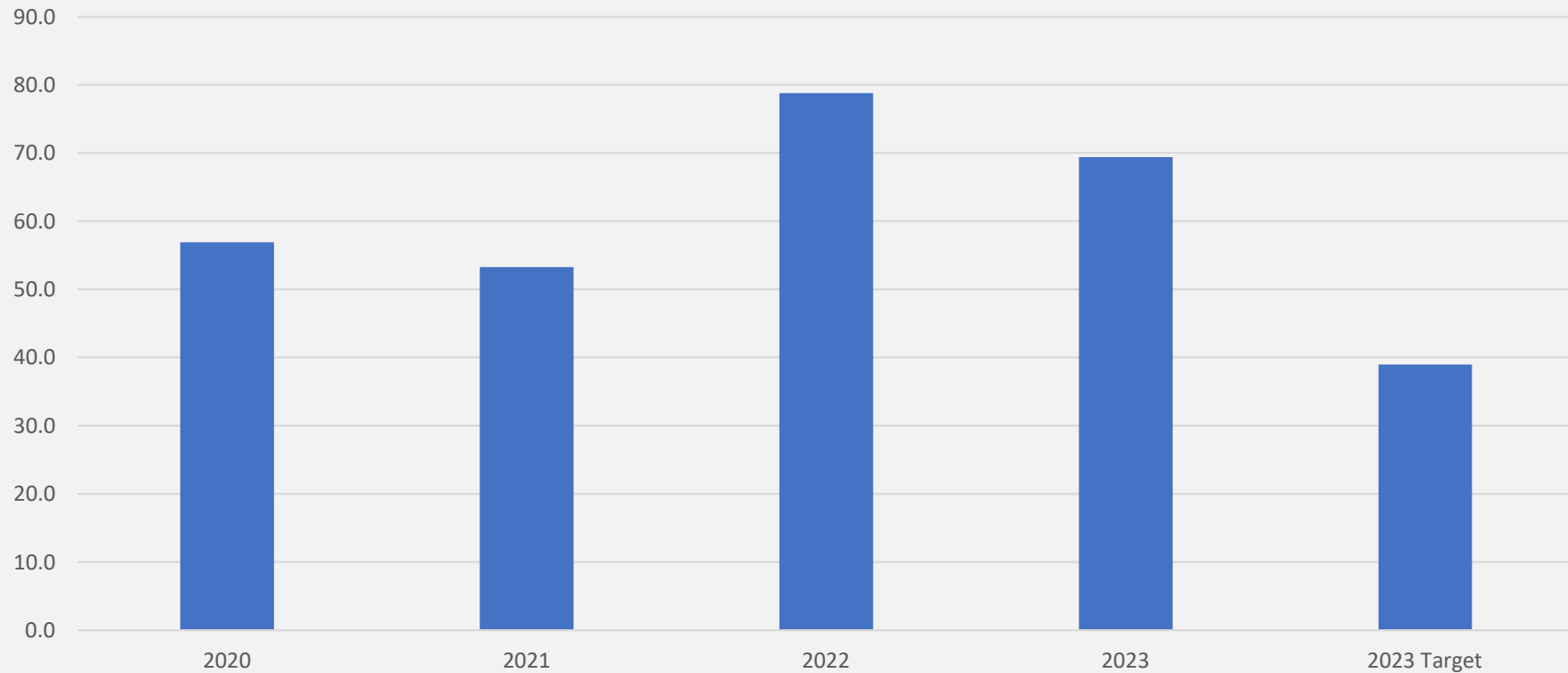
Total Waste ton/ 1000 t Production



2023

- Waste numbers did not meet target in 2023. The construction waste (wood, metal, and soil) from the ongoing expansion construction and new equipment was included along with our normal production waste. Increased waste and production not reaching goal contributed to not reaching waste target for 2023.

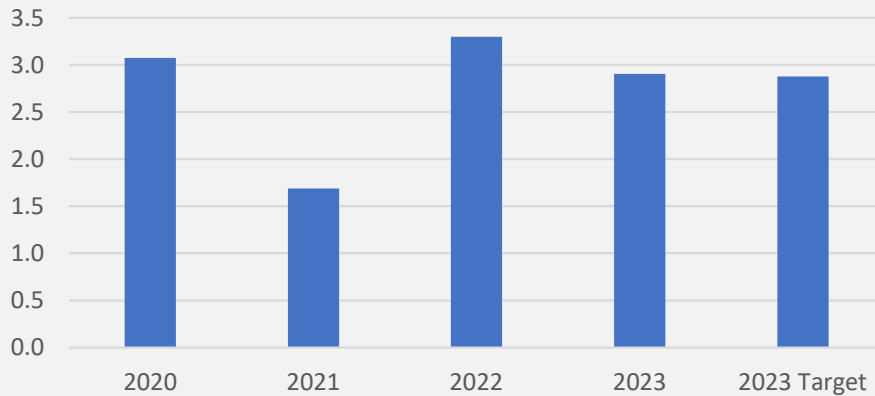
Water Usage m3/t



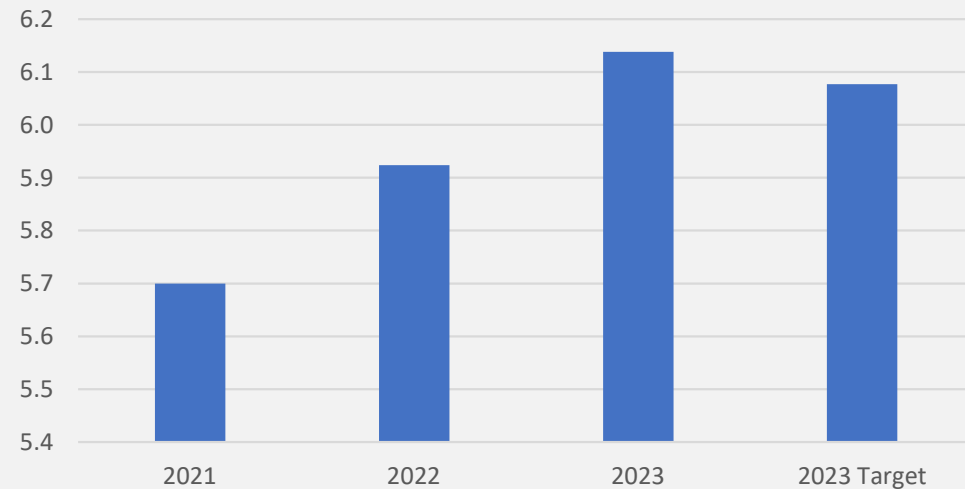
2023/2024

- Water Reduction Initiative – Start up of replacements for two inefficient and leaking cooling towers was delayed. Target for Q4 2024.

VOC Emissions t/ 1000 t Production

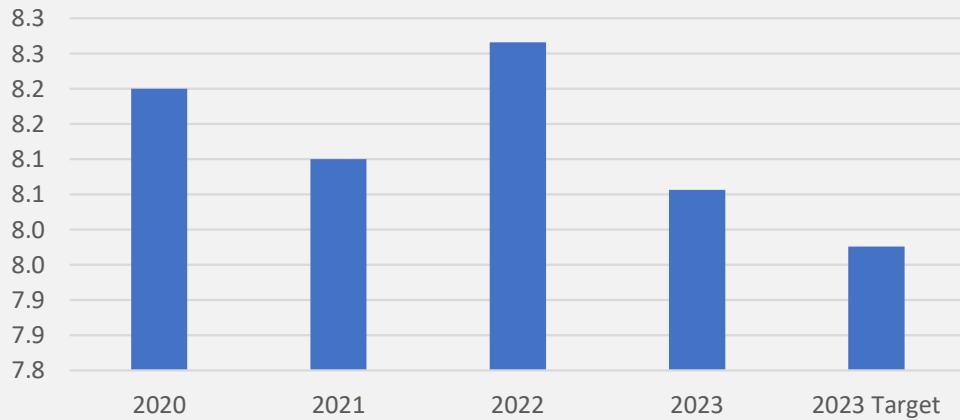


Mixing Ethanol Emissions t/yr

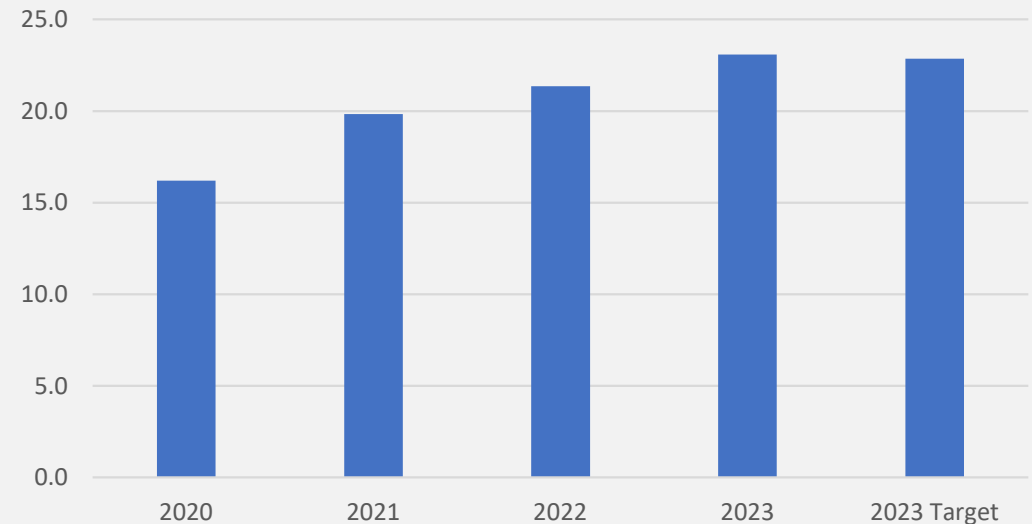


Installation of Regenerative Thermal Oxidizer (RTO) to treat Ethanol emissions from organo-silane rubber compounds in May 2019 has decreased emission per pound of organo-silane rubber produced.

Heptane Usage t/yr



Miscellaneous Solvent Usage t/yr



2023/2024

- Trial of water-based marking paint and inkjet cleaner to reduce VOCs was conducted and was successful. Works Technical is working on a proposal for implementation.

	Units	Item	Regulatory Limit	Max Value in 2022	Max Value in 2023	Evaluation	Regulation
Discharge to Town of Tonawanda POTW	SU	pH	5.0-9.5	8.78	8.67	Compliance	Sewer Use Permit No. 241
	mg/l	SGT-HEM (oil & Grease)	100	4.06	11.5	Compliance	
		Biological Oxygen Demand	250	120	470	Surcharge	
		TSS	250	140	820	Surcharge	
		Total Phosphorus	6	5.05	9.72	Surcharge	
		Total Zinc	4.4	0.415	0.209	Compliance	
Discharge To Niagara River	SU	pH	6.0-9.0	7.9	8.11	Compliance	SPDES NO. NY-010575
	lbs/day	TSS, net	2166	485.86	699.85	Compliance	
	ml/l	Solids, Settable	0.3	<0.1	<0.1	Compliance	
	mg/l	Oil & Grease	15	< 4	<4	Compliance	
	lbs/day	Oil & Grease	542	109.09	99.00	Compliance	
	mg/l	Phenolics, Total	0.1	0.015	0.03	Compliance	
	lbs/day	Zinc, Total	2	1.24	0.07	Compliance	

Regarding the exceedance of Biological Oxygen Demand (BOD), Total Suspended Solids (TSS), and Phosphorus in 2023, these parameters are not legal or regulatory compliance parameters. They are measured for the Town to determine the fees we will pay.

Compliance – statutory limit exceedance is a permit violation
 Surcharge – exceedance results in additional fees being assessed



In August 2024 employees will participate in our annual Bike Path cleanup. This bike path (orange line in bottom photo) is part of the Niagara Greenway trail which goes from the City of Buffalo to Lake Ontario.





In June on 2024, SRUSA employees volunteered their time during United Way Day of Caring at “Leveling the Playing Field”. Leveling the Playing Field gives kids in under-resourced communities the opportunity to enjoy the mental and physical benefits of youth sports participation. SRUSA employees assisted with cleaning and painting the facility.

In February 2023 a Waste Reduction Contest was launched to inspire employees to consider their operations and submit ideas for waste reduction.

Winning ideas included:

1. Modifications to recipes and or machine settings to deliver a better internal product to reduce lumpy breaker. It is estimated that this idea will reduce scrap by 30 to 60 rolls of material each month.
2. Add a catcher/ stopper to prevent breaker from falling onto itself and getting stuck.
3. Modify tire detector design to reduce cured scrap tire in PCR Mitsubishi presses.
4. Developed & recommended a two-handed device to target the reduction of tire blisters.

SUMITOMO RUBBER USA, LLC

WASTE REDUCTION CONTEST

**PITCH IN,
SO WE DON'T
HAVE TO
PITCH OUT**

\$1000 AWARD!

TO A TEAM MEMBER WHO PROPOSES
A SOLID IDEA WITH MEASURABLE RESULTS

**SUBMIT YOUR IDEAS THAT RESULT IN
THE REDUCTION OF SCRAP AND
REAL SAVINGS TO OUR COMPANY**

AVOID SUBMITTING SUGGESTIONS FOR ACTIONS THAT ARE PART OF THE STANDARD PROCESS
AND JUST NOT BEING PERFORMED. INCLUDE EXAMPLES AND EVIDENCE TO SUPPORT YOUR IDEA.

**PROPOSALS CAN BE
E-MAILED TO MARY KASPRZAK
OR DROPPED IN THE
BOX AT MARKET C**

IDEAS WILL BE COLLECTED FROM MARCH 6TH TO MARCH 19TH. A WINNER WILL BE ANNOUNCED IN EARLY APRIL.



In February 2024 Sumitomo participated in the Environmental Ambassador Summit where student attendees learned about local environmental and sustainability efforts. Local schools submitted proposals to enhance and improve local green spaces and implement sustainability projects. Students received funding from the Tonawanda Community Environmental Benefits grant to implement their proposed projects.