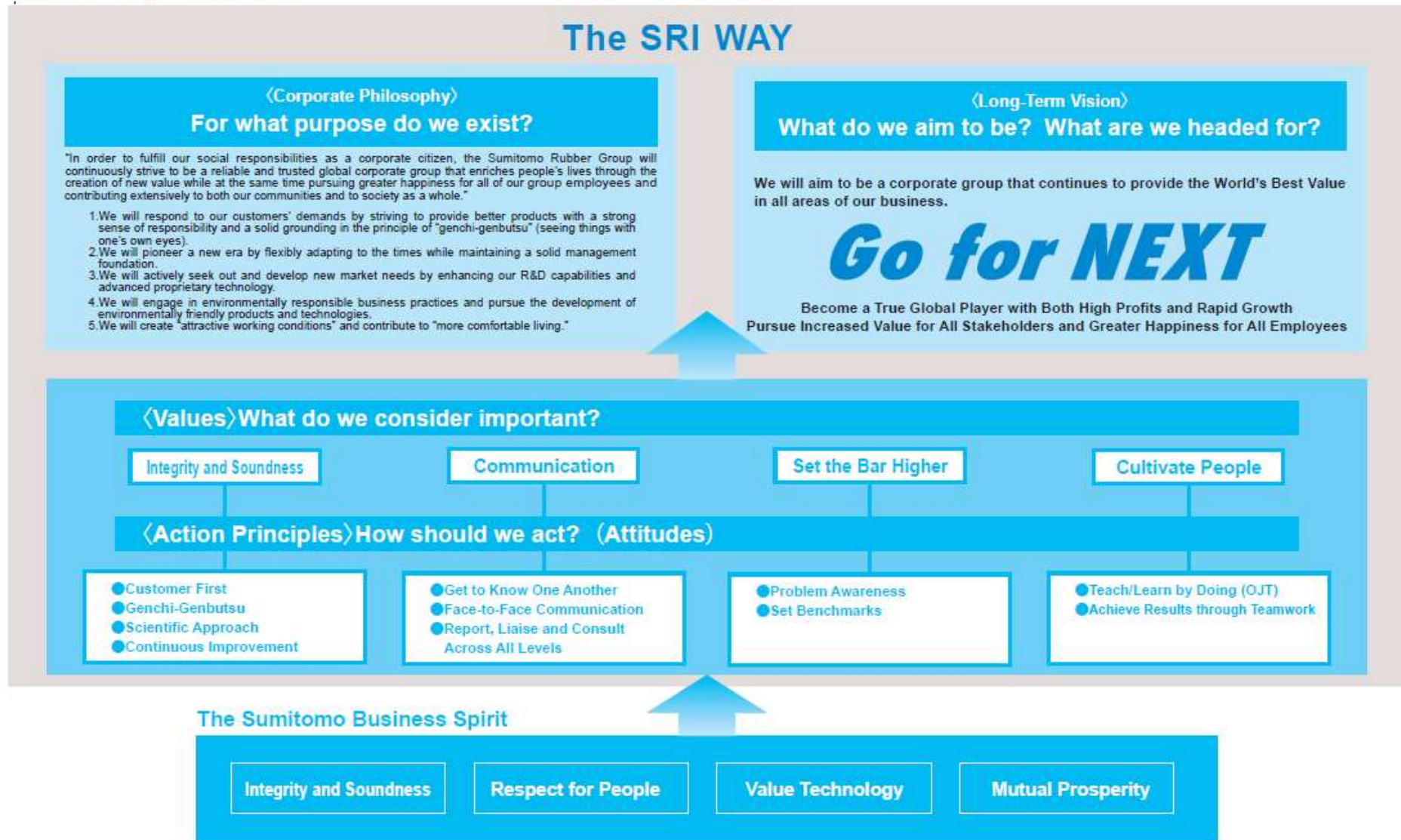




# 2023 ENVIRONMENTAL REPORT -SRUSA FACTORY

1. Company Policy
2. Company Profile
3. Environmental Policy
4. ISO Program
5. Certifications
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



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 = 1096

Plant Salary Associates = 243

Corp. Salary Associates = 118

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



All businesses operating on a continuous schedule

24x7 – 346 days



PCR/LTR

6,500  
TPD



Motorcycle

4,000 TPD



TBR

1,600  
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.

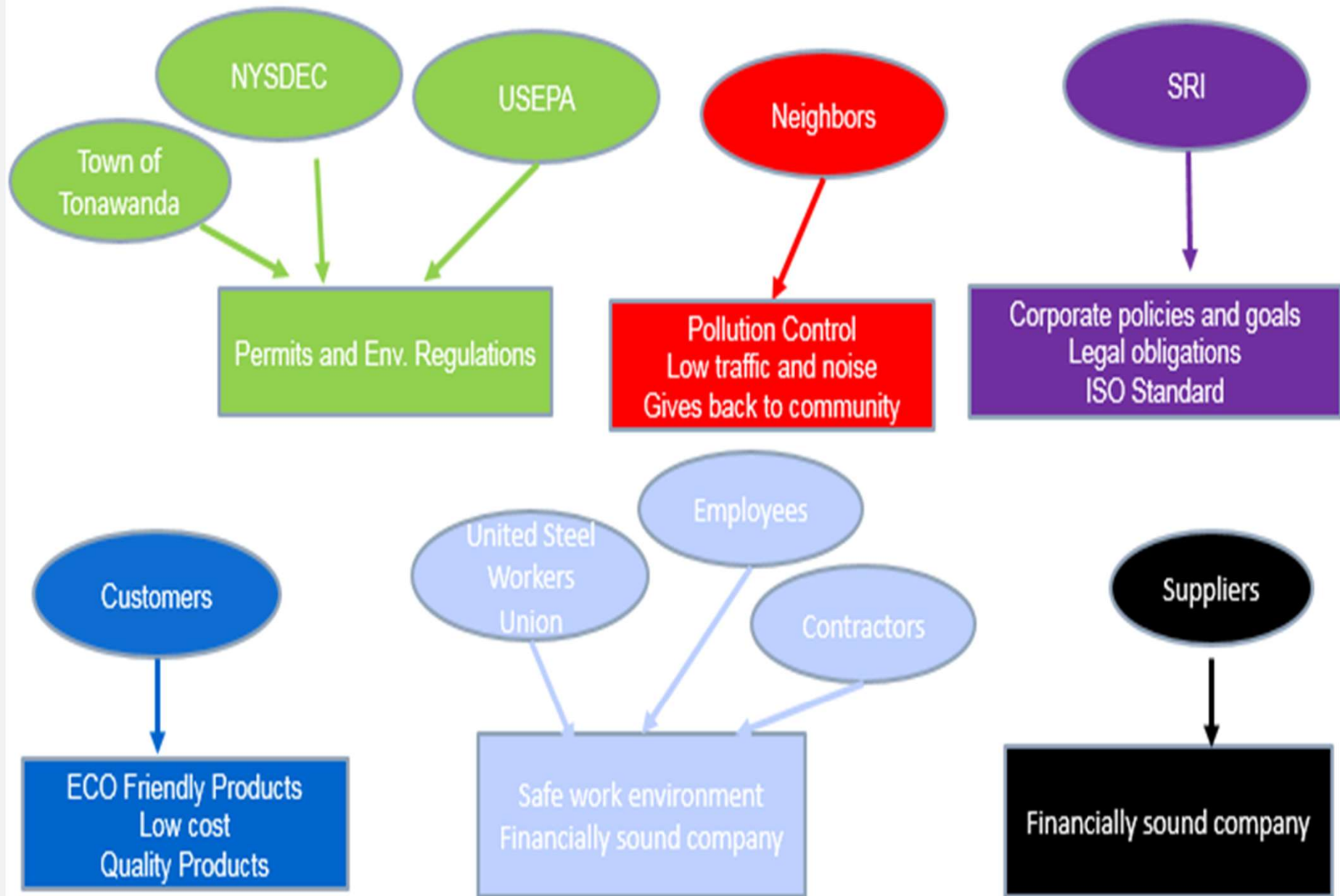
**R**

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.



## ISO 14001:2015

## ISO 9001:2015

## IATF 16949:2016



Current issue date: 5 December 2022  
 Expiry date: 4 December 2025  
 Certificate identity number: 10482155

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 affiliate 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, Bickenhill Lane, Birmingham B37 7ES, United Kingdom

Page 1 of 1



Current issue date: 8 April 2022  
 Expiry date: 7 April 2025  
 Certificate identity number: 10433273

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 affiliate 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., 1330 Eclipse Parkway, Suite 200, Houston, Texas 77077, United States

Page 1 of 2



Certification date: 11 March 2022  
 Expiry date: 10 March 2025  
 Certificate number: 10433274  
 IATF Certificate number: 0443394

---

### 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 – 00019601-001

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



LRQA Group Limited, its affiliate 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, Bickenhill Lane, Birmingham B37 7ES, United Kingdom

Page 1 of 2

Where does the waste go?

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



Covanta Niagara



Playgrounds



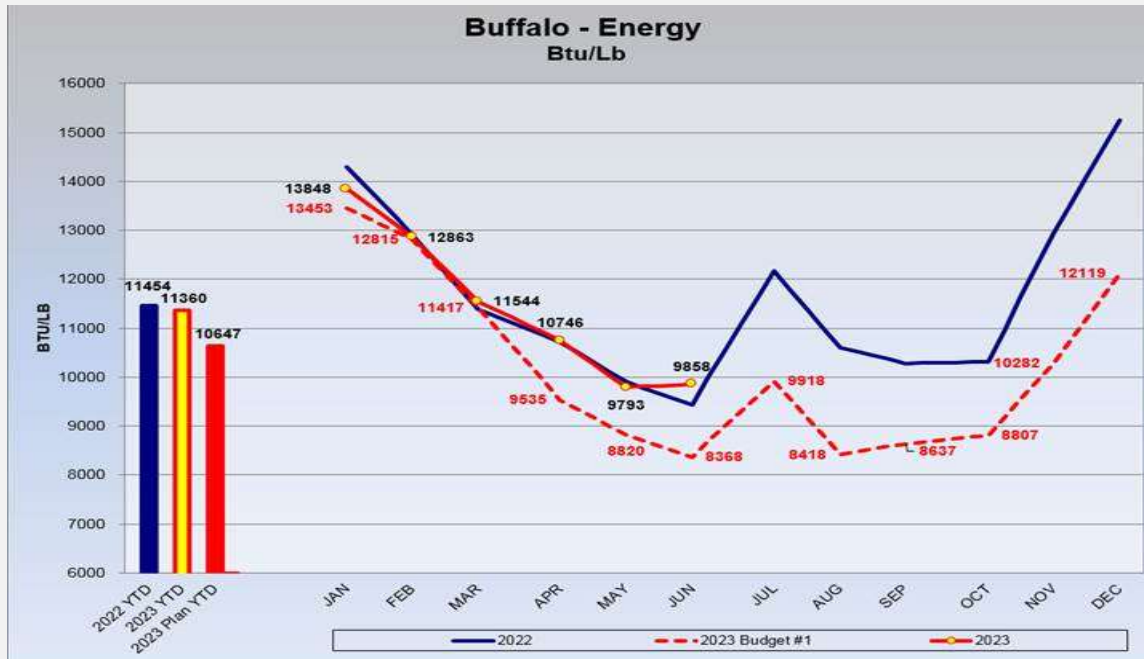
Scrap Tires

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. Uncured tires can be stripped and the components can be reused in the process or scrapped out separately. Some of the scrap is then sold to other companies to be used as raw materials (ex. Green rubber and wire friction)
4. All material that leaves this facility is either burned for energy or recycled. The only exception is asbestos material and contaminated soil.



Items	Management Indicator	Total Amount or Consumption	Units	2022			
				Target		Actual	
				2022 Target	Target Vs. 2021	2022	2022 Vs. 2021
Prod Volume	NR Consumption	Total Amount	t	68,138	124%	53,467	97%
Building low carbon society	Energy Usage	Total Amount	KL	38,493	99%	39,132	103%
		T Amount/ Production	KL/t	0.56	80%	0.73	
	CO2 Emissions	Total Amount	tC	31,204	99%	32,578	106%
		T Amount/ Production	tC/t	0.46	80%	0.61	
Recycling based society	Waste	Total Amount	t	9,311	96%	9,951	105%
		T Amount/ Production	t/t	0.14	77%	0.19	
Reduction of environmental burden	VOC Emissions	Total Amount	t	91.77	99%	92.98	103%
		T Amount/ Production	t/1000t	1.347	80%	1.739	
Water resource Conservation	Water Usage	Total Amount	1000m3	2,898	99%	2,220	78%
		T Amount/ Production	m3/t	43	80%	42	
	Wastewater	Total Amount	1000m3	2,924	99%	2,926	102%
		T Amount/ Production	m3/t	43	80%	55	

	施設 Facility	項目Item	単位Unit	規制値 Regulation	2022年度実績FY 2022 results			法律名称など Legislation to
				Value	最小 Min	最大 Max	平均Ave.	the regulation value
大気への排出 Emission to the atmosphere	Combustion Sources	SOx	metric ton	12 month rolling average	0.01	0.02	0.01	NYSDEC Title V Air Permit
		NOx	metric ton	99 UST(12 month rolling average)	1.7	5.1	3.2	
		ばいじん Dust,  Particulate matter	g/Nm3	12 month rolling average	0.09	0.28	0.17	



## 2022 Energy Projects

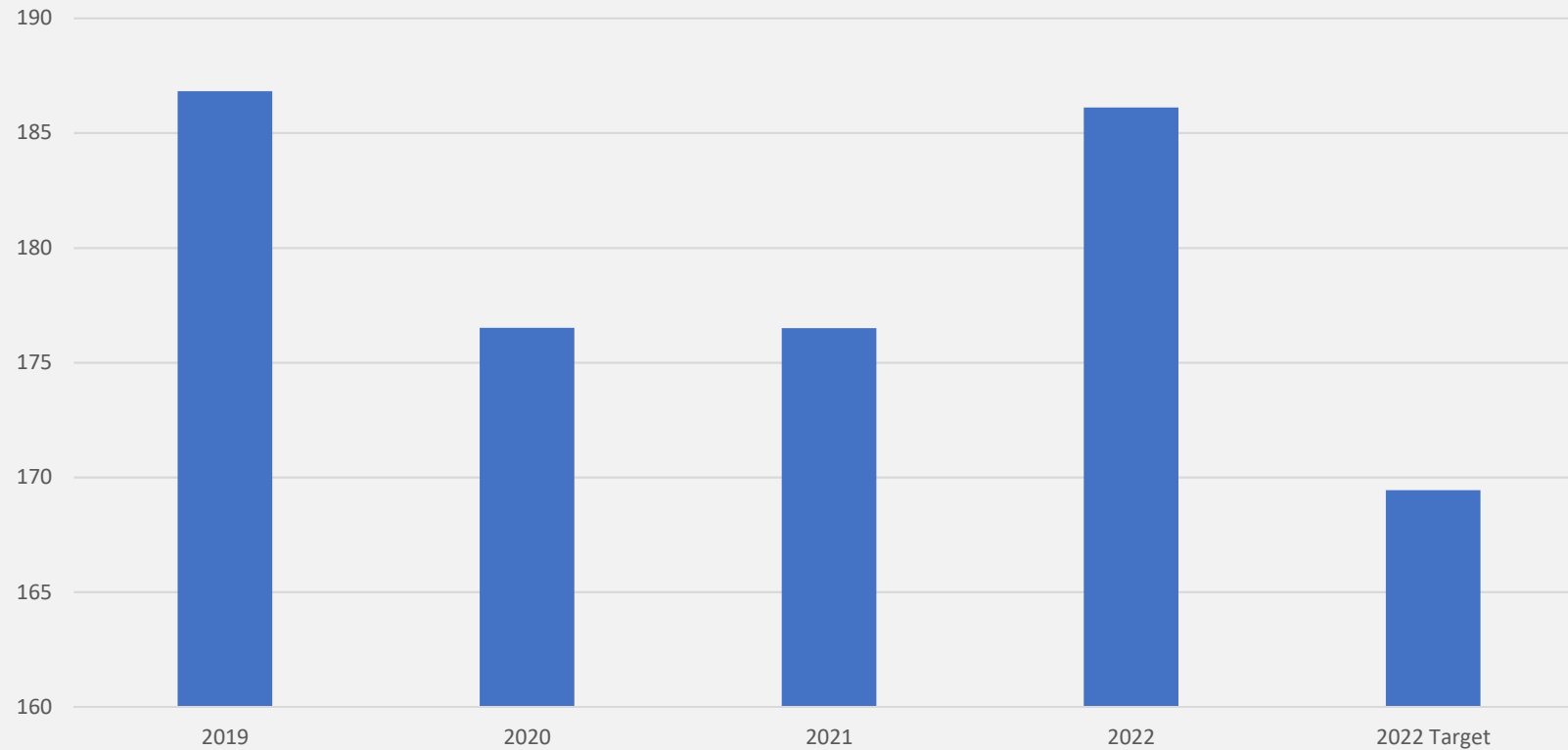
- LED Lighting Upgrades - Electrical
- Platen Conversion (Presses 13-15) – Fuel (13 completed)
- D213 Cooling Tower – Electrical (ordered)
- Air Leaks – Electrical
- Air Compressor Upgrades HP compressors – Electrical
- Steam Tunnel Insulation – Fuel
- HVAC Upgrade Building 14 – Fuel (14-3 & 14-4 replaced)

## 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 obsoleted)
- HVAC Upgrade Building 14 – Fuel (14-1 & 14-2 replace heating only)



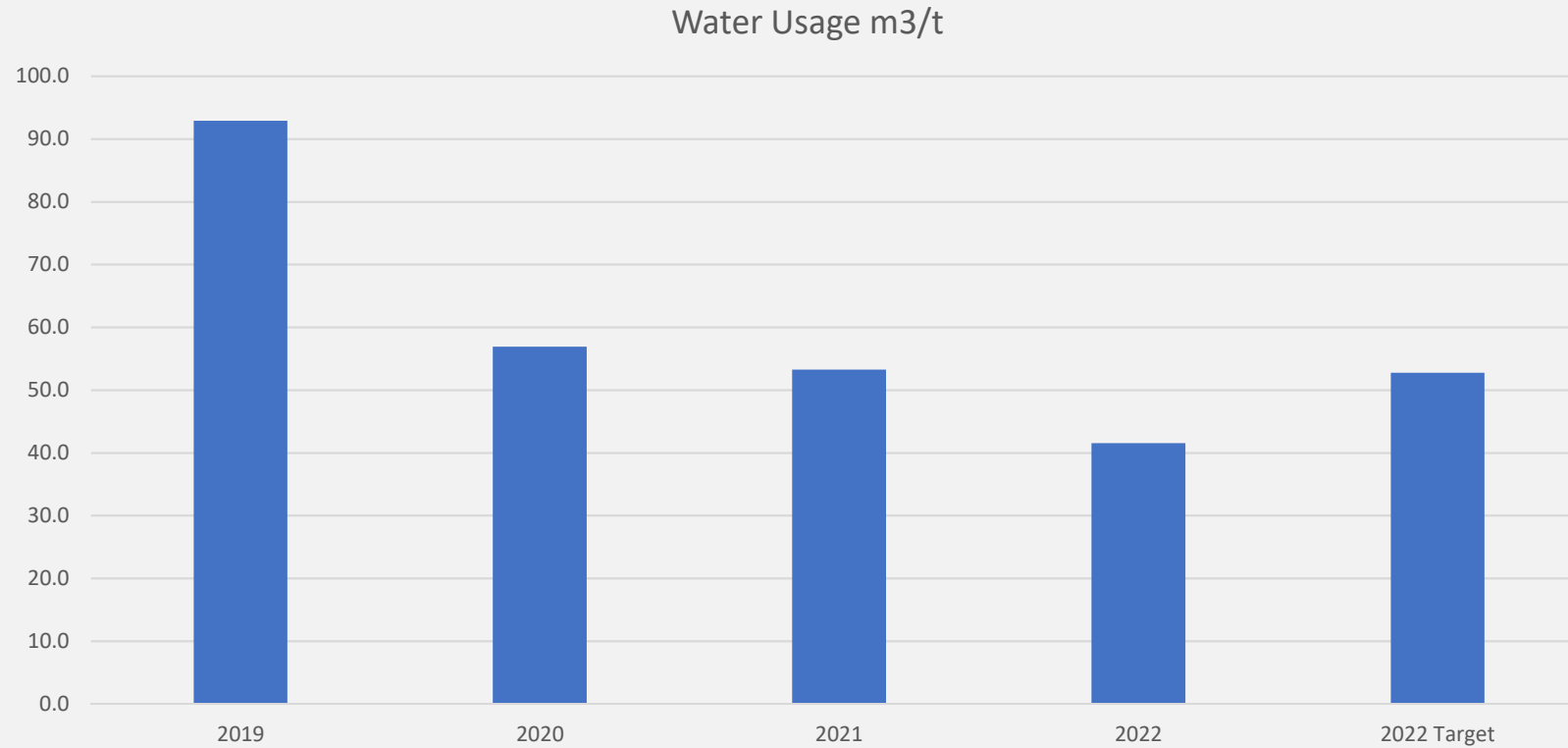
Total Waste ton/ 1000 t Production



## 2022

- Waste numbers did not meet target in 2022. 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 2022.

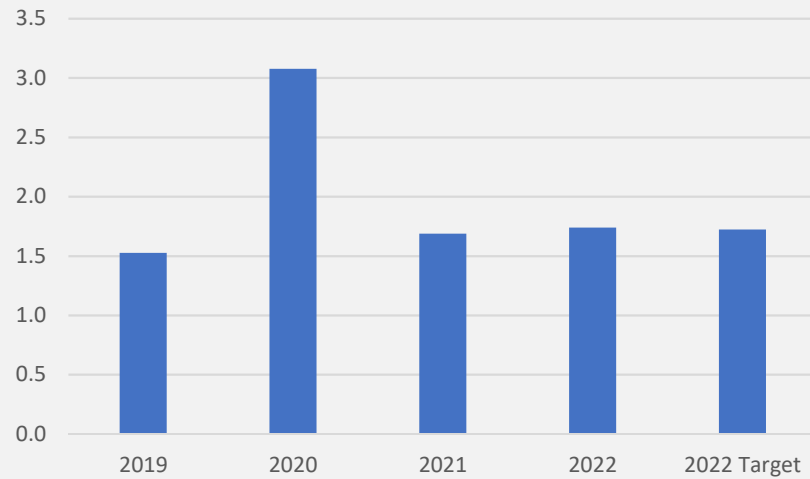




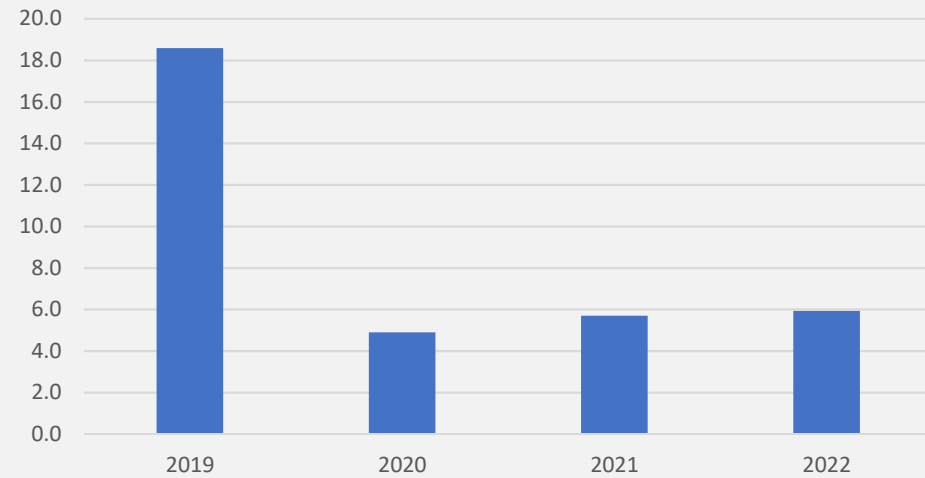
## 2023

- Water Reduction Initiative – Two inefficient and leaking cooling towers are scheduled for installation and startup by end of Q3 2023.

VOC Emissions t/ 1000 t Production

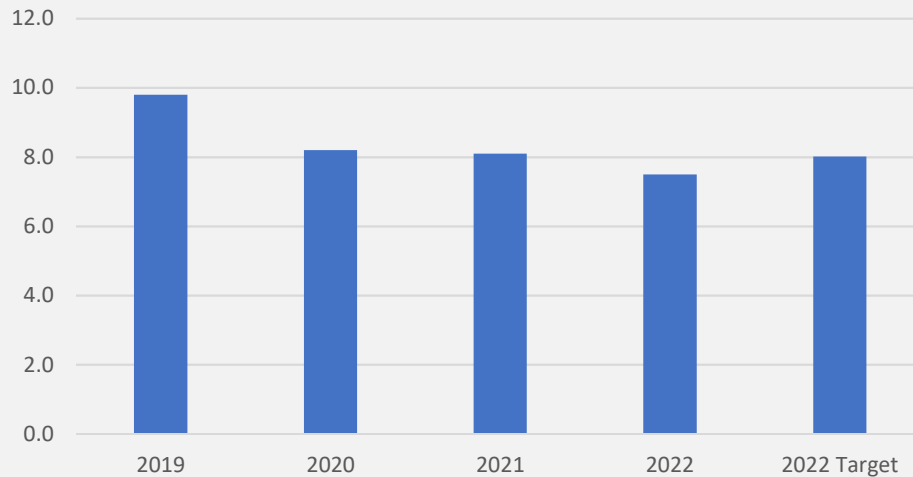


Mixing Ethanol Emissions t/yr

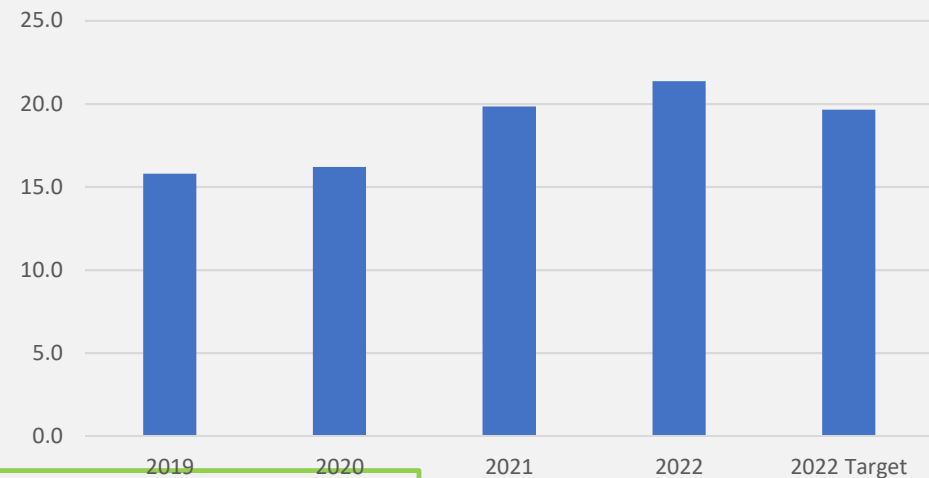


Installation of Regenerative Thermal Oxidizer (RTO) to treat Ethanol emissions from organo-silane rubber compounds in May 2019 has decreased emission per pound of organo-silane rubber produced. WAITING ON INFO FROM MIXING RE ORGANO SILANE RUBBER

### Heptane Usage t/yr



### Miscellaneous Solvent Usage t/yr



## 2022

- Spooled tread project in Dept. 224 has been implemented however, the spooled treads can only go to the newly installed cutters which is only a portion of treads. Cut treads will still be the majority and VOC reduction will not be significant.
- Trial of water-based marking paint and inkjet cleaner to reduce VOCs is pending.

	Units	Item	Regulatory Limit	Max Value in 2021	Max Value in 2022	Evaluation	Regulation
Discharge to Town of Tonawanda POTW	SU	pH	5.0-9.5	8.01	8.78	Compliance	Sewer Use Permit No. 241
	mg/l	SGT-HEM (oil & Grease)	100	4.8	4.06	Compliance	
		Biological Oxygen Demand	250	88	120	Surcharge	
		TSS	250	43	140	Surcharge	
		Total Phosphorus	6	3.45	5.05	Surcharge	
		Total Zinc	4.4	0.174	0.415	Compliance	
Discharge To Niagara River	SU	pH	6.0-9.0	7.73	7.9	Compliance	SPDES NO. NY-010575
	lbs/day	TSS, net	2166	191.46	485.86	Compliance	
	ml/l	Solids, Settable	0.3	0.6	<0.1	Compliance	
	mg/l	Oil & Grease	15	< 4	< 4	Compliance	
	lbs/day	Oil & Grease	542	103.7	109.09	Compliance	
	mg/l	Phenolics, Total	0.1	< 0.03	0.015	Compliance	
	lbs/day	Zinc, Total	2	0.87	1.24	Compliance	

Regarding the exceedance of Settleable Solids in 2021. The result of 0.6 was ultimately determined to be an anomaly or lab/sampling error. However, the result of 0.6 stands and was included on the Environmental Report because it was the value reported to the NYSDEC on the monthly Discharge Monitoring Report.

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





Ride for Charity is an employee based, all volunteer committee that raises money for kids charities. This year we teamed up with Kelly for Kids which is an organization that is committed to serving disadvantaged and disabled youth in Western New York. We were able to donate \$28,000 to Kelly for Kids in October 2022.

In 2022 We donated total of \$23,250 to the following charities: The Olmstead Parks Conservancy, Kenton Kiwanis Golf Outing, United Way, Feed More WNY, Kaleida Health/Cancer, Buffalo Niagara Honor Flight, Boys and Girls Club of Northtowns.



In July 2022 and June 2023 employees participated in a 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.





**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 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.



## Environmental Ambassador Summit

Bringing students and organizations together to improve the greater Tonawanda greenspace.



In February 2023 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.