

TABS-TPD Site Report Information	
Address: : 901 N. Foster Street, Mitchell, SD 57301	
Lot area: 101,170 m², Building area: 16,723 m², Green ratio: 65%	
Establishment: October 6, 1986, Employees: TPD-79, TABS-4 (as of June 2022)	
Major products: Toner Products	
ISO 14001 certified: April, 1999, Latest update: April 01, 2020 (ISO 14001-2015 Certificate number: 74 300 4684)	



Message from Environmental Preservation Chief

We will conduct our business operation in a manner which promotes respect for the environment and compliance with all applicable federal, state, local and international laws, regulations, or standards regarding protection of the environment.



Environmental Preservation Chief  
Jeff Clark

Major environmental activities in 2021

CO2 Reductions: Five projects for a reduction of 708 mT-CO2

Project Name	mT CO2
Line 2 Rate Up	433.7
Stop Blowing Air	118.0
Rolling in the Dough	94.5
Bigger Batches, Bigger Profits	40.8
Duty Draw Back 2017	21.0

Waste Reduction: Five projects for a reduction of 7,815 mT

Project Name	mT
Material Re-entry	2652
Screener Improvement	1872
If It's Free, Its For Me	1488
Re-entry of trial material	1234
Pearl Bead Trial Re-entry	569

Development of products and environmental technologies, Environmental consideration point



Black & Color Toner




# TOSHIBA

## INTEGRATED BUSINESS MANAGEMENT SYSTEM POLICY

*Toshiba America Business Solutions  
Toner Products Division*

The Toner Products Division of Toshiba America Business Solutions is committed to the consultation and participation of workers and continually improving the Integrated Business Management System (IBMS), by mitigating risk, capitalizing on opportunities and complying with applicable laws and regulations required in support of Toshiba TEC Corporation's (TTEC) 7<sup>th</sup> Environmental Action Plan; TPD is actively contributing to the reduction of environmental impacts of our toner manufacturing business by recognizing the important pillars of environmental management: Green Management (Biodiversity), Greening of Products, Greening of Process and Sustainability. In addition, TPD recognizes the importance of TTEC's Sustainable Development Goals (SDG's), as well as our responsibility to protect our employees, customers, all interested parties and assets, while providing products and services of the highest quality consistent with customer and other requirements.

June 8, 2021

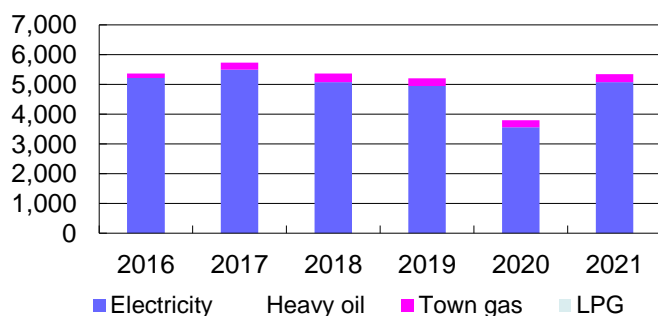
  
Teresa Sternhagen  
VP/GENERAL MANAGER



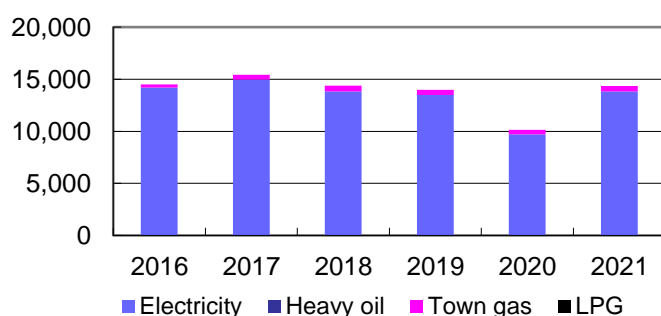
**TOGETHER  
INFORMATION**

## Environmental load data

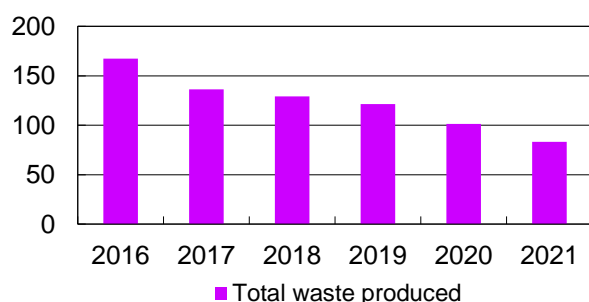
Energy usage (unit: KL)



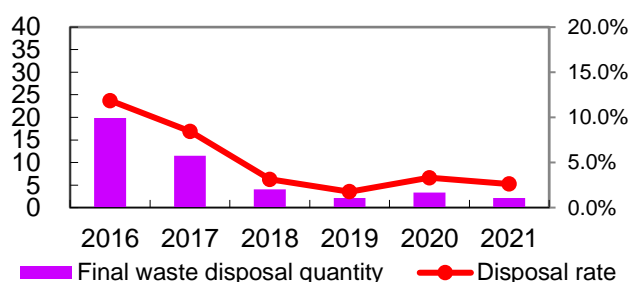
CO<sub>2</sub> emission (unit: ton-CO<sub>2</sub>)



Total waste produced (unit: ton)

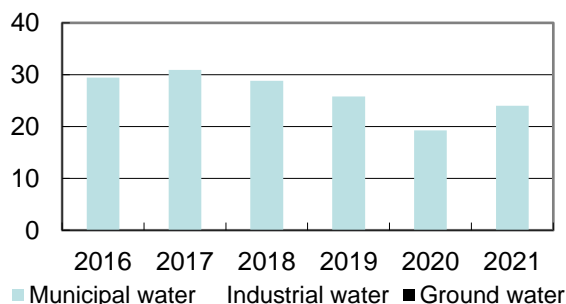


Final waste disposal quantity & disposal rate (unit: ton,%)

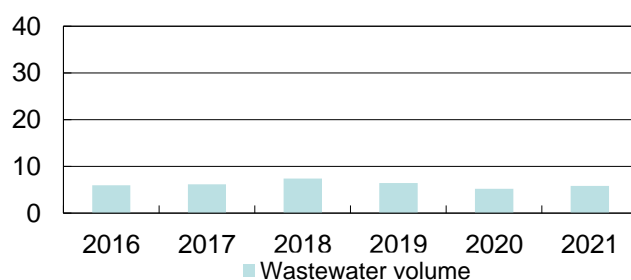


Major wastes: Paper, Wood, Plastic, Soot & Dust, etc.

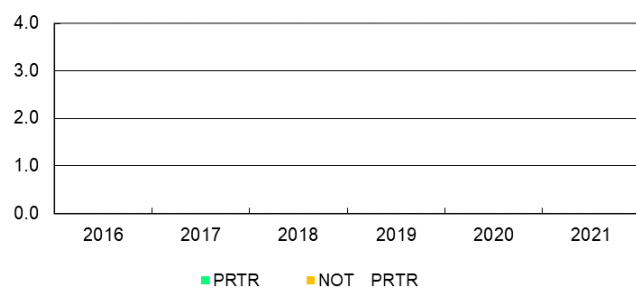
Water usage (unit: 1,000m<sup>3</sup>)



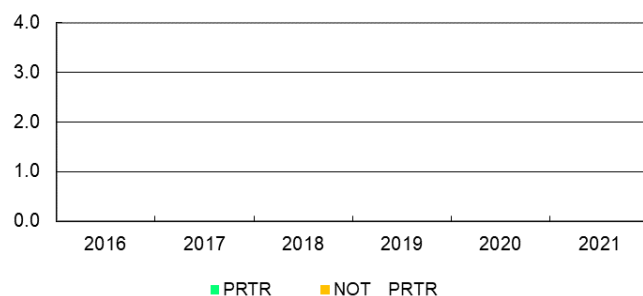
Wastewater volume (unit: 1,000m<sup>3</sup>)



Handing substances (unit: ton)



Substances volatilized and released to water (unit: ton)



Major chemical substances: None since 2009 (Acetone)

## Compliance management

### Atmospheric measurement results (boiler (city gas): 1 unit)

	Regulation value	Self-control value	Actual measurement	Measurement frequency
NOx (ppm)	2.2	NA	Excluded as natural gas is used	NA
SOx (ppm)	3.0	NA	Excluded as natural gas is used	NA
Particulates (ppm)	0.6	NA	Excluded as natural gas is used	NA

### Wastewater measurement results (major results) Wastewater is discharged to Local City Treatment Facility

	Regulation value	Self-control value	Actual measurement North / East	Measurement frequency
Arsenic (mg/l)	.17	.17	<.001 / <.001	Annual
Cadmium (mg/l)	.08	.08	<.005 / <.005	Annual
Chromium (mg/l)	2.83	2.83	<.03 / <.03	Annual
Copper (mg/l)	2.85	2.85	.088 / .052	Annual
Lead (mg/l)	.7	.7	<0.1 / <0.1	Annual
Mercury (mg/l)	.0002	.0002	<.0002 / <.0002	Annual
Nickel (mg/l)	1.56	1.56	<.020 / <.020	Annual
Selenium (mg/l)	.11	.11	<.002 / <.002	Annual
Silver (mg/l)	3.02	3.02	<.01 / <.01	Annual
Zinc (mg/l)	5.46	5.46	0.35 / 0.17	Annual
Hex Chromium	.5	.5	<.001 / <.001	Annual

### Noise & Particulate exposure measurement results

	Location:	Regulation value	Self-control value	Actual measurement	Measurement frequency
Particulates	Inside Facility	3.5 mg/m <sup>3</sup> carbon black 5 mg/m <sup>3</sup> respirable dust	1.5 mg/m <sup>3</sup> carbon black 3 mg/m <sup>3</sup> respirable dust	≤ 1.1 mg/m <sup>3</sup> carbon black ≤ 0.26 mg/m <sup>3</sup> respirable dust	Annual or as needed
Noise (dB)	Inside Facility	90 dBA 8 hr TWA	85 dBA 8 hr TWA	≤ 84.0 dBA 8 hr TWA	Annual or as needed

### Environmental accidents, administrative advices and complaints

	State
Environmental accident	None
Environmental problem around the factory and in the local area	None
Administrative advice or direction	None
Complaint from neighboring residents	None



## Environmental communication

### Global Environmental Action 2021

Team members from Toshiba America Business Solutions, Inc./Toner Products Division planted various flower seeds in the (1 acre) pollinator plot on the north side of the TPD facility.

The purpose of the project was to increase the variety of flowering plants and to provide improved habitat to pollinators such as Monarch butterflies and honeybees. Populations of both species have seen a sharp decline in the last several years.

Pollinating insects are an essential component in global food production. Approximately one-third of all food and beverages are delivered by pollinators and domesticated honeybees.



### Clean-up Activity by Lake Mitchell

During the summer months of FY2021 employees from TPD continued their efforts to cleanup and maintain one quarter mile of hiking trail along Lake Mitchell. We will continue this activity to raise the environmental awareness of employees.

- Date: Monthly from May through September
- Number of Employees Participated: 15
- Others: Estimate of 20 kg of waste was collected



## Conservation of Biodiversity

### Biodiversity Initiative

TPD has adopted the monarch butterfly as our indicator species. During their annual migrations in the spring and fall, team members observe and count them as they pass by our facility.



### Invasive Alien Species Controlled

TPD monitors and treats for noxious weeds found on our property in the Pollinator Plot and along the lake trails we maintain for the city of Mitchell. The employee below is digging up a Canada Thistle plant.



## Environmental targets

Item	Indicator	Target for FY2022
Global warming prevention	In the ratio of CO2 emissions relative to FY2019	4.3% reduction
Optimization of resources	In the ratio of total amount of waste generated to active mass relative to FY2019	28.7% reduction
Control of Chemical Substances	In the total emissions of chemical substances to air and water relative to FY2019	NA

## Environmental objectives

Item	Indicator	Objective for FY2024
Global warming prevention	In the ratio of CO2 emissions relative to FY2019	6.7% reduction
Optimization of resources	In the ratio of total amount of waste generated to active mass relative to FY2019	30.0% reduction
Control of Chemical Substances	In the total emissions of chemical substances to air and water relative to FY2019	NA