



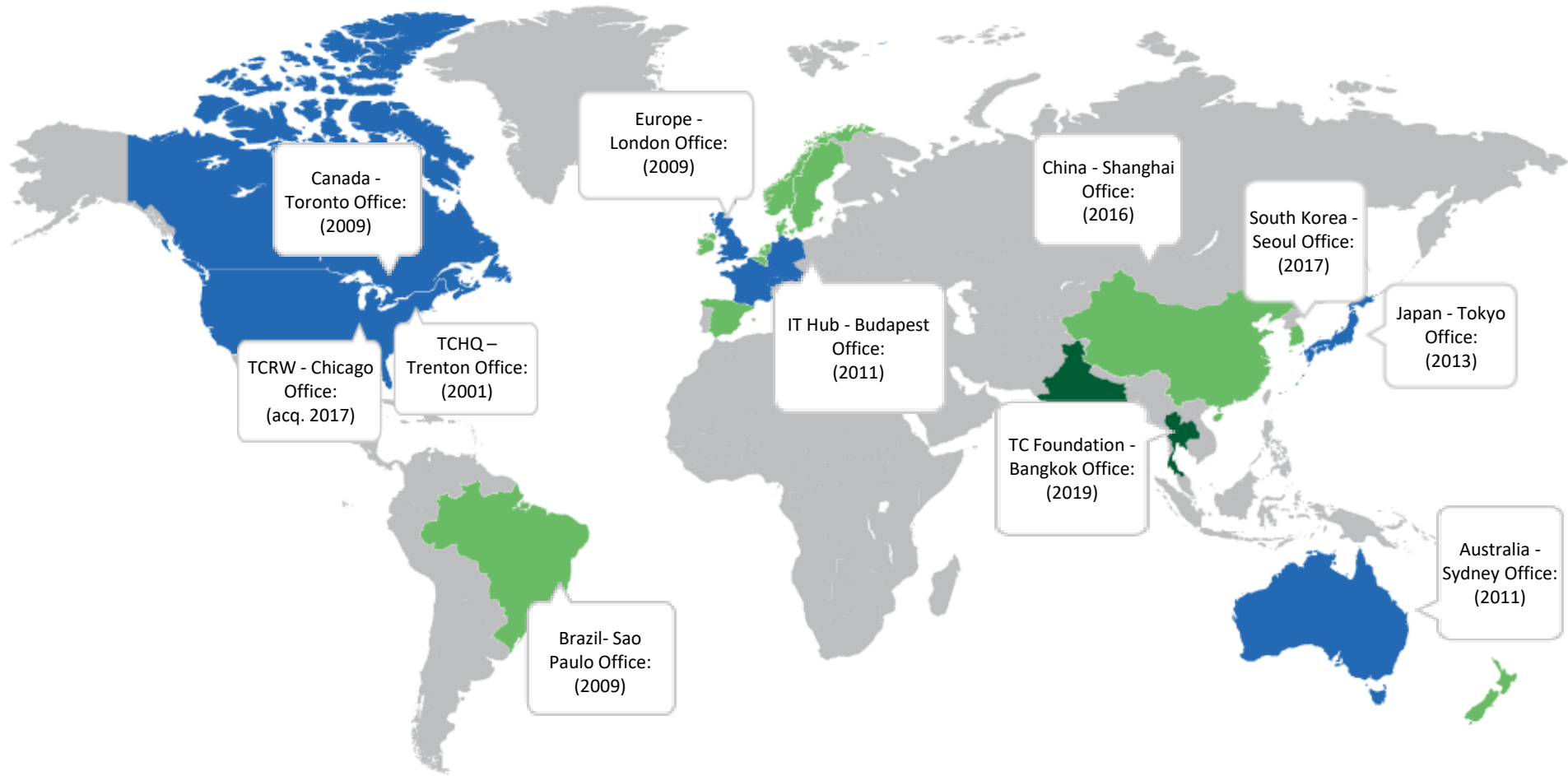





**Free Cigarette Waste
Recycling Program**

BASED IN TRENTON

MISSION-DRIVEN LEADER IN RECYCLING INNOVATIONS

WITH OFFICES GLOBALLY



-  = Loop & TerraCycle Markets
-  = TerraCycle Markets
-  = TerraCycle Foundation Markets





TerraCycle and its executive leadership serve on various advisory boards for leading organizations committed to solving the waste crisis including the Ocean Plastics Leadership Network, World Economic Forum, Product Stewardship Institute, D'Addario Foundation, Ellen MacArthur Foundation (CE100), Allure magazine, and more.





Over 200
Awards Won for
Sustainability
& Innovation

And many more...



United Nations
Climate Change Secretariat

PROUD WINNER OF THE UNITED NATIONS MOMENTUM FOR CHANGE LIGHTHOUSE AWARD



RECOGNIZED BY THE UNITED NATIONS FOR
OUR WORK TOWARDS FINDING SOLUTIONS
TO THE OCEAN PLASTICS CRISIS





TOKYO 2020





THE TERRACYCLE GLOBAL FOUNDATION REDUCES THE FLOW OF PLASTIC WASTE FROM RIVERS INTO OUR OCEANS



TerraCycle Foundation crew
cleaning up a river in Thailand.

Cigarette butts are the **most littered item on the planet**. TerraCycle's Cigarette Waste Recycling Program helps incentivize proper disposal and cleanup, recycling a **quarter-BILLION** cigarette butts to date



**Free Cigarette Waste
Recycling Program**



🕒 MAY 3, 2023

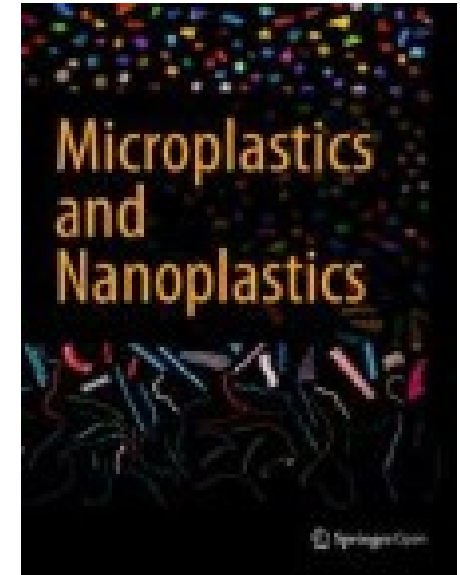
✓✓ Editors' notes

Study shows cigarette butts leak deadly toxins into the environment

by University of Gothenburg



Smoking tobacco don't stop being toxic when you put the cigarette out. Cigaretet...



[*Microplastics and Nanoplastics*](#) volume 3,
Article number:1 (2023),
University of Gothenburg.



Smoking Bans and Cigarette Litter at Transition Points

A Report to Keep America Beautiful

A Goldsmith Resources, LLC

December 2020

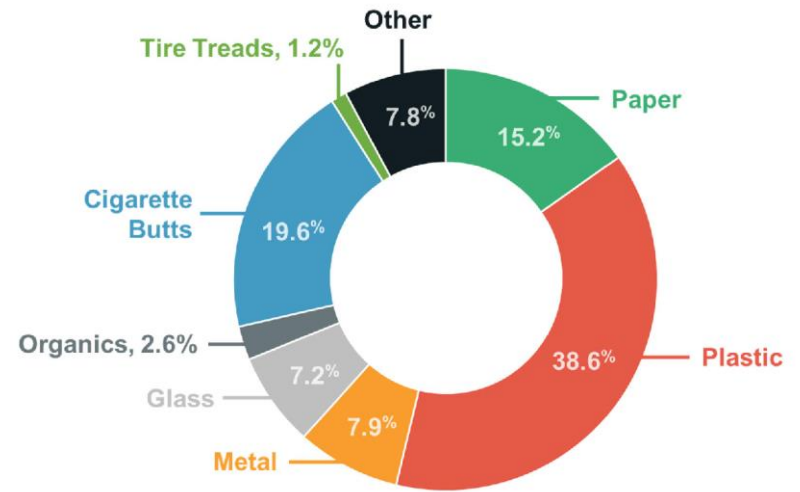


Keep America Beautiful
2020 NATIONAL LITTER STUDY
 Summary Report: May 2021

Lead Research Partner:

BURNS & MCDONNELL

Research Team:





How TerraCycle recycles cigarettes



TerraCycle ✓
6.9K subscribers

🔔 Subscribed ▾

👍 47



➦ Share



<https://youtu.be/noVIHKBAX4A?feature=shared>

Cigarette Waste
Recycling Process Video



TERRACYLE

HOW ARE CIGARETTE BUTTS RECYCLED?

If you are a member of the Cigarette Waste Recycling Program, then you've probably asked yourself at one point or another: how in the world do you recycle a cigarette butt? Well, the answer may surprise you! Cigarettes are comprised of multiple components, and require a unique process for recycling.

1. Collection

Cigarette butts are collected and shipped to TerraCycle by organizations and individuals like you. The collected butts are aggregated and stored in our local warehouse where they are prepared for processing.



2. Processing

Cigarette butts are comprised of residual tobacco, paper, and a filter.

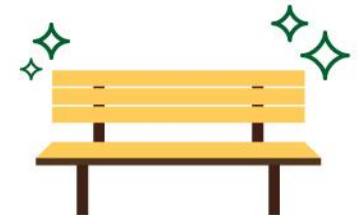
The residual tobacco and paper are separated out and composted.

The filter, which is made of a white synthetic fiber called cellulose acetate, is thoroughly cleaned, melted, and pelletized using a method called extrusion.



3. Conversion

The cellulose acetate powder is used in the manufacturing of recycled plastic lumber. The lumber can be used to build park benches, picnic tables, fencing, decks, playground equipment and more.



HOW TO PARTICIPATE IN THE FREE CIGARETTE WASTE PROGRAM

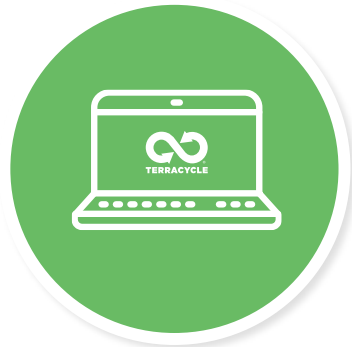
TerraCycle's No-Cost Cigarette Waste Recycling Program, available in the US and Canada, allows for the recycling of cigarette waste that would ordinarily go to landfill or be littered on the ground or waterways

2. Collect

Smokers drop their cigarette butts into receptables. Receptacle waste and waste from litter cleanups is collected in buckets or lined boxes.

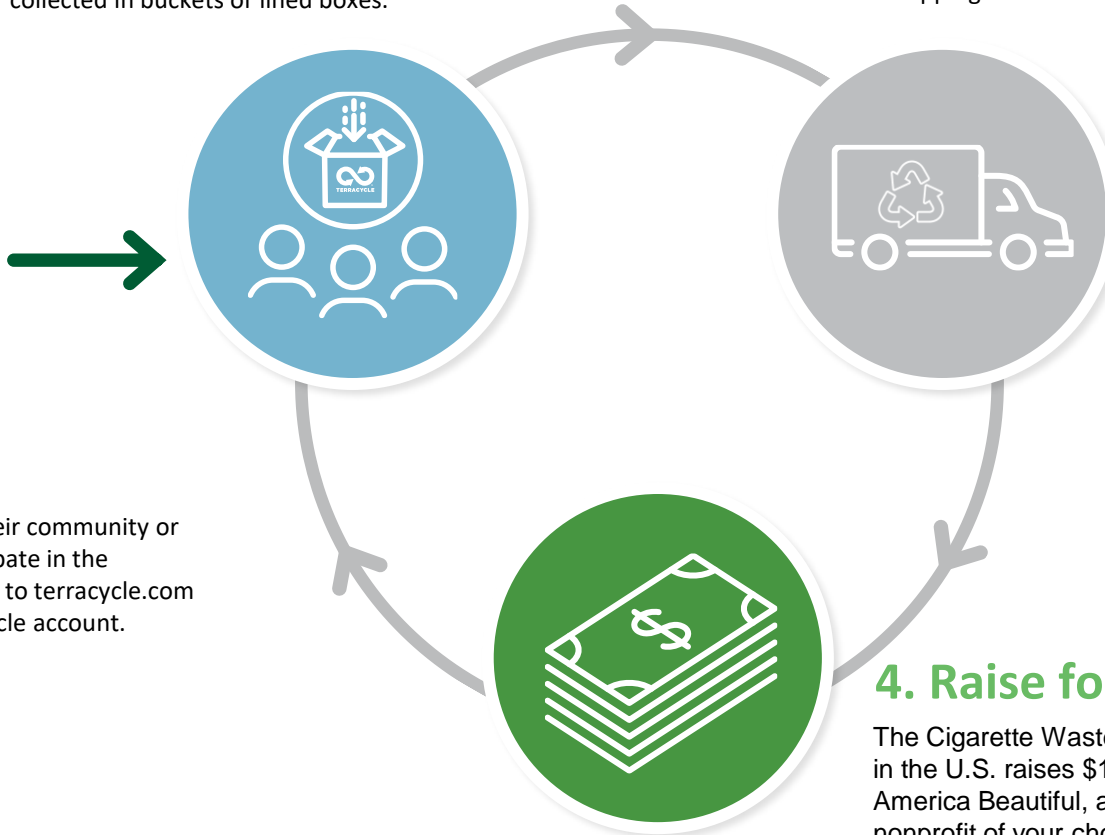
3. Print Label & Ship

When ready, location Leaders send the waste to TerraCycle for recycling using prepaid UPS shipping labels from the program.



1. Register

Location leader signs up their community or business location to participate in the Cigarette program by going to terracycle.com and creating a free TerraCycle account.



4. Raise for Charity

The Cigarette Waste Recycling Program in the U.S. raises \$1 per pound for Keep America Beautiful, and \$1 for the nonprofit of your choice in Canada.

WHAT CIGARETTE WASTE CAN BE SENT TO TERRACYCLE?

**ACCEPTED
WASTE**

1 Extinguished cigarettes



2 Cigarette filters

4 Outer plastic packaging



5 Inner foil packaging



7 Ash

3 Loose tobacco pouches



6 Rolling paper



CASE STUDY | KEEP NEW HANOVER BEAUTIFUL CIGARETTE RECYCLING PROGRAM



Keep New Hanover Beautiful and TerraCycle partner to collect and recycle cigarette butts across New Hanover County, including the Wilmington International Airport, New Hanover County Government facilities, the Town of Wrightsville Beach, and downtown businesses.

Keep New Hanover Beautiful engages student volunteers and interns to service the receptacles on a weekly basis. **Through the program they have collected and recycled over 1.8 million cigarette butts.**



Dick Brightman,
Executive Director

Keep New Hanover Beautiful provides the community with program-branded collection receptacles and supplies.



Keep New Hanover Beautiful created promotional videos to drive awareness around the program.



TerraCycle drives awareness around the recycling program through customized PR campaigns.



CASE STUDY | KEEP AMERICA BEAUTIFUL PARTNERSHIP WITH TERRACYCLE'S FREE CIGARETTE RECYCLING PROGRAM



The national non-profit, Keep America Beautiful (KAB), offers grants to local KAB chapters, non-affiliate NGOs, municipalities, etc. by providing free receptacles and gives them the capability to conduct cigarette litter assessments and launch consumer messaging campaigns.

TerraCycle has a National Recycling Program for the **world's most littered item!** For every pound of cigarettes recycled, **\$1 is donated to Keep America Beautiful.**



CASE STUDY | TERRACYCLE PA DEP & PENNDOT PARTNERSHIP



FREE CIGARETTE WASTE RECYCLING PROGRAM BEING IMPLEMENTED AT ALL 14 PENNSYLVANIA WELCOME CENTERS AND ACROSS STATE PARKS

NEWS | BROOKLYN BORO

Communities united against cigarette litter begin recycling

TerraCycle's new recycling program can relieve individuals and communities of non-reusable cigarette waste, announced on America Recycles Day, Nov. 15

November 14, 2022 Brooklyn Eagle Staff



This Oct. 17, 2003, file photo shows cigarette butts with other debris on the bluff above Fletcher Cove in Solana Beach, Calif. Photo: Denis Poroy/AP

Keep Pa. Beautiful launching cigarette litter recycling

reporter01 Nov 15, 2022

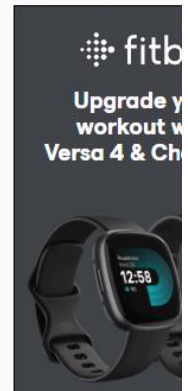


Keep Pennsylvania Beautiful is teaming up with Pennsylvania Department of Transportation to implement the Cigarette Litter Prevention Program at 14 state welcome centers in 2022-2023

Photo provided



GREENSBURG — Keep Pennsylvania Beautiful is partnering with the Pennsylvania Department of Transportation to implement the Cigarette Litter Prevention Program (CLPP) at 14 state welcome centers in 2022-2023.



CASE STUDY | CIGARETTE BUTT RECYCLING AT AMAZON FACILITIES THROUGH FREE TERRACYCLE PROGRAM



Amazon now offers cigarette butt recycling as a sustainability benefit to employees across its network of 278 fulfillment centers across the US and Canada.

With the aid of TerraCycle's customized cigarette receptacles, Amazon FCs have recycled over 2,000,000 cigarette butts since Earth Day 2021 from just a small sample of sites, and are now rolling out the program to all 278 locations.



CASE STUDY | CHUMASH CASINO FREE CIGARETTE RECYCLING PROGRAM



Chumash Casino Resort partners with TerraCycle to collect and recycle cigarette butts from its casino. **Since 2013, Chumash has sent nearly 29 million cigarette butts to TerraCycle to be recycled** into products such as plastic shipping pallets, parks benches and picnic tables.



The Custodial Services Management Team manages and collects the casino's cigarette butts in a dedicated collection bin back of house.



The free program is part of Chumash's sustainability practices and helped the casino to become the **first casino in the world to earn TRUE® (Total Resource Use and Efficiency) Zero Waste certification** from Green Business Certification Inc. (GBCI), diverting 90 percent of its waste stream from landfills.



CASE STUDY | CAESARS WINDSOR FREE CIGARETTE RECYCLING PROGRAM



- To date, Caesars Windsor has recycled more than **5.9 million cigarette butts** through the program. **All aspects of participation are free** to the resort, including shipping.
- As a result of Caesars Windsor's participation, more than \$3,500 total has been donated to the Essex Region Conservation Foundation and the Windsor Essex County Humane Society.

“The program is very simple and we have changed our collection process very little from when we started. Our Grounds, Public Areas and Housekeeping departments all participate in the program. We collect, put everything into a bag, box everything up and send it off.”

- Kelly Laforest, Health, Safety & Environmental Specialist, Caesars Windsor



CASE STUDY | CARNIVAL CRUISE LINE FREE CIGARETTE WASTE RECYCLING PROGRAM



Carnival Cruise Line partners with TerraCycle to collect and recycle cigarette butts across their North American fleet.

Carnival started participating in 2015 and to date, has collected and recycled over **42,500,000** cigarette butts through this free program.



Twenty three vessels participate in the program, sending in more than 3,500 shipments of cigarette waste.



TerraCycle facilitates shipping from more than a dozen Carnival ports across the United States.



Through this **unique recycling program** \$1 per pound of waste recycled is donated to the anti-litter NGO **Keep America Beautiful**. Carnival's efforts have generated **over \$42,500** in donations to the charity to date at no cost to the cruise line.



CASE STUDY | DISNEY CRUISE LINE FREE CIGARETTE WASTE RECYCLING PROGRAM



Disney Cruise Line piloted participation in the free cigarette waste recycling program on their Port Canaveral-based Disney Fantasy ship beginning in March 2022. **In just 10 months the single vessel collected and recycled over 740,000 cigarette butts through the program.** Additionally, Disney Fantasy piloted razor recycling and other waste streams, collectively diverting over 1,000 pounds waste from landfill and incineration.



Following the success of Disney Fantasy the rest of Disney Cruise Lines North America fleet have joined both the cigarette and razor recycling programs.

Based on the success of the pilot, Disney Cruise Lines is expanding participation in the free cigarette waste recycling program and free razor recycling program to its entire North American fleet.

CASE STUDY | PITTSBURGH DOWNTOWN PARTNERSHIP FREE CIGARETTE RECYCLING PROGRAM



The Pittsburgh Downtown Partnership (PDP) Clean & Outreach Program and TerraCycle partner to recycle discarded cigarette butts in Pittsburgh, PA. **Through this program, all butts collected in the city are now recycled.**



The PDP partners with Block by Block to have the receptacles emptied and the discarded cigarettes sent to TerraCycle for recycling



TerraCycle cigarette receptacles installed in downtown Pittsburgh have expanded to the Squirrel Hill Urban Coalition

To aid in the collection process, cigarette receptacles with custom messaging were installed to engage the community and increase awareness. **To date, PDP & the city of Pittsburgh have collected and recycled over 3,500,000 cigarette butts.**



SPOTLIGHT COLLECTORS SERIES



CLICK
FOR
FORM

Kick ash!



Recycle your cigarette butts.



Don't litter or trash your cigarette butts. Recycle them here.





Zero Waste Bag

CHOOSE THE WASTE STREAM TO RECYCLE
Place the contents of each bag into the correct stream.

<input type="checkbox"/> Appliances (stoves, washers, dryers)	<input type="checkbox"/> Auto parts
<input type="checkbox"/> Books and e-books	<input type="checkbox"/> Car seats and strollers
<input type="checkbox"/> Food and drink containers	<input type="checkbox"/> Car headlinings
<input type="checkbox"/> Kids and baby clothes	<input type="checkbox"/> Hard flooring supplies
<input type="checkbox"/> Toys	<input type="checkbox"/> Party supplies and decorations

Scan the QR code for recycling instructions and location

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<input type="checkbox"/> Toys	<input type="checkbox"/> Party supplies and decorations

Scan the QR code for recycling instructions and location



TERRACYCLE ZERO WASTE BAGS

Available Zero Waste Streams

A broad range of waste streams can be accepted and are dependent on hauler partner and region.

- ✓ Hard-to-recycle plastics
- ✓ Batteries
- ✓ E-waste
- ✓ Coffee capsules
- ✓ Fabrics and clothing
- ✓ Cosmetics
- ✓ PPE (masks, gloves)
- ✓ Light bulbs
- ✓ Toys
- ✓ Office supplies
- ✓ PET food packaging
- ✓ Kitchen gear
- ✓ Shoes & Footwear
- ✓ Baby food pouches
- ✓ Contact lenses and packaging
- ✓ Water filters
- ✓ Ink and Toner Cartridges
- ✓ Media storage
- ✓ Power strips and cords
- ✓ Dining Disposables & Party Supplies
- ✓ Shipping Materials
- ✓ Glasses and eyewear
- ✓ Art supplies
- ✓ Cleaning supplies and accessories
- ✓ Oral care waste and packaging
- ✓ Storage containers
- ✓ Sporting goods
- ✓ Pens, Pencils and Markers
- ✓ Juice and milk cartons
- ✓ Garden products



TerraCycle Pickup – How It Works

1. Visit Website

Customers can visit **TerraCyclePickup.com** to discover if the service is available based on their zip code.

3. Collection

Once bags are filled, customers schedule a pickup through the website and TerraCycle or hauler partner picks up from the customer's doorstep.



2. Order Bags

Customers can subscribe or purchase individual Zero Waste Bags and pickups.

4. TerraCycle Recycles

TerraCycle sorts and recycles accepted waste streams.

Visit Website



TerraCycle Pickup is TerraCycle's owned and operated program and currently services residents and businesses in select parts of PA and NJ.

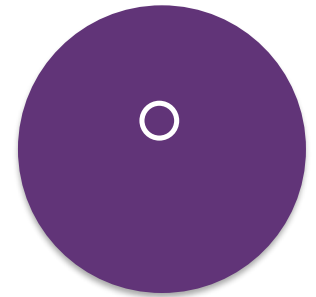
Customers can visit [TerraCyclePickup.com](https://www.terracycle.com/pickup) to get started.

TerraCycle Pickup:
the convenience of
curbside recycling and so
much more

Easily recycle everything right from your
doorstep!

[Get Started](#)

Order Bags



Customers Can Select From:

- Residential or Business Pricing
- 3 Different Bag Sizes (Small, Large and or Extra Large)
- Business specific bundles
- Subscription or individual product offerings available.

The screenshot shows the Terracycle website's product page for business waste bags. At the top left is the Terracycle logo and navigation links: 'How it works', 'What we recycle', 'Community Impact', 'Residential Pricing', 'Business Pricing', 'FAQs', 'Hacks', and 'Schedule a pickup'. On the top right, there is an 'Order' button, a user profile icon, and a shopping cart icon with a red notification bubble containing the number '1'. The main heading is 'Recycle your business' hard-to-recycle trash!'. Below this is a sub-heading: 'Recycle up to 24 waste streams, from all plastic packaging to office supplies and coffee capsules! Set up a monthly subscription, or buy individual Zero Waste bags and pickups to fit your business needs.' The page features three subscription options, each with an image of bags and a pickup icon:

- 3-Month Subscription:** \$20 /month, \$60 total. Includes 3 Small Zero Waste Bags, 3 Large Zero Waste Bags, and Up to 3 Pickups.
- 6-Month Subscription:** \$20 /month, \$120 total. Includes 5 Small Zero Waste Bags, 7 Large Zero Waste Bags, and up to 6 pickups.
- 12-Month Subscription:** \$20 /month, \$240 total. Includes 10 Small Zero Waste Bags, 15 Large Zero Waste Bags, and Up to 12 Pickups.

Each option has an 'Add to Cart' button at the bottom.

Collection



Once bags are filled, customers schedule a pickup through the TerraCycle Pickup website and TerraCycle or hauler partner picks up from the customer's doorstep.

1. Customer Schedules Pick Up

The screenshot shows a web interface for scheduling a pickup. It is divided into two main sections:

- Section 1: Select your pickup date from the available openings:** A calendar for March 2023. The date 08 is highlighted with a 'Select' button, and the date 22 is highlighted with a 'Scheduled' button. A 'Confirm pickup' button is located at the bottom of the calendar.
- Section 2: Please enter the number of Zero Waste Bags to be picked up:** Two input fields for 'Large Zero Waste Bags' and 'Small Zero Waste Bags', both containing the number '0'. Below these is a text area labeled 'Add a note for your driver:'.

2. TerraCycle Picks Up From Customer's Doorstep



TerraCycle Recycles



TerraCycle sorts and recycles accepted waste streams into a number of downstream applications.



1 Receive

TerraCycle receives waste in our Materials Recovery Facilities (MRFs). TerraCycle operates dozens of MRFs in 21 countries and handles thousands of different waste streams.



2 Check in

TerraCycle checks in, weighs, inspects materials for compliance, and records all shipments. Key shipment data is shared with partners via TerraCycle reports.



3 Aggregate

Shipment contents are aggregated and stored with similar materials until minimum processing quantities are met.



4 Recycle

TerraCycle works with strategic partners to process individual waste streams into a secondary raw material. Secondary raw materials can be used to make new products or can be used in your own supply chain.

APPENDIX



CIGARETTE RECYCLING PROGRAM INSTRUCTIONS

1. SIGN UP



Go to www.terracecycle.com to create a TerraCycle account and sign up for the free Cigarette Waste Recycling Program. From our website, you may also purchase cigarette waste receptacles to facilitate your collections.

2. COLLECT



Place receptacles, ashtrays, or other collection apparatuses in areas where regular smoking occurs. Accepted cigarette waste includes: **Extinguished cigarettes, cigarette filters, loose tobacco pouches, outer plastic packaging, inner foil packaging, rolling paper, and ash.** Once collection receptacle is full empty the cigarette waste contents into a durable and sealable plastic bag for collection and storage.

3. PACK



Transfer the bagged cigarette waste into an appropriately sized box for shipping. If you are using your own collection bin please do not put loose cigarette waste directly in box without bagging first. Securely seal your shipping box with packaging tape.

4. SHIP



Download and Print a free prepaid UPS shipping label from your TerraCycle website account and affix it to your box. Have your shipment picked up or dropped off for UPS servicing.

Processing and Conversion

TerraCycle sterilizes the waste and then shreds and separates it by material type. Tobacco and paper are composted and filters are turned into plastic pellets. These pellets can then be used in a variety of Industrial applications including the creation of new plastic products like ashtrays, shipping pallets, or plastic lumber



Questions?
Please contact litter@terracecycle.com



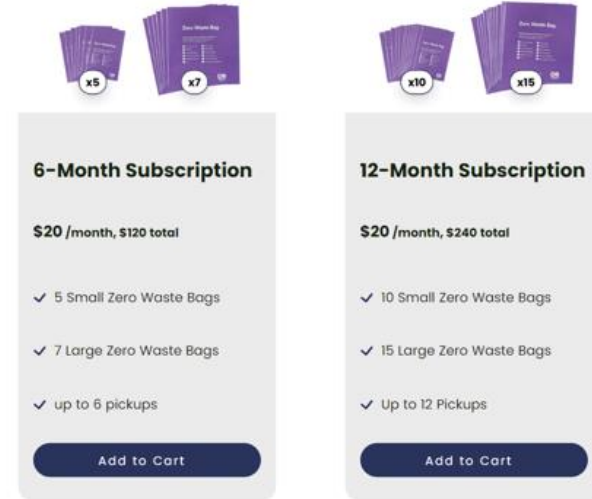
TerraCycle Pickup - Business Services Offer

Move your business closer to zero waste through TerraCycle Pickup!

Today's Business Services Offer

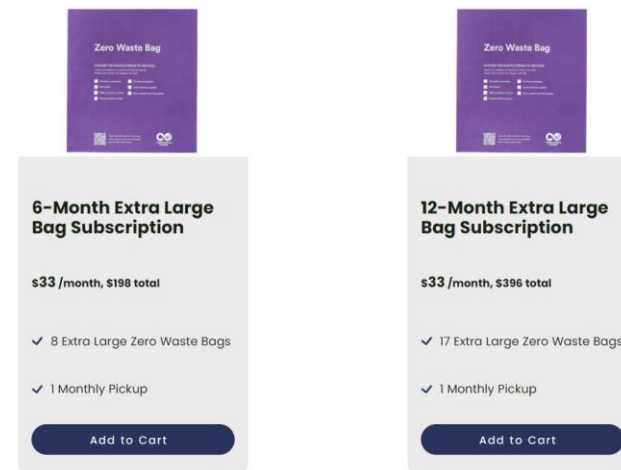
Use Promo Code: FWSB23 to get your 1st month free when you sign up for a 6- or 12-month subscription.*

Visit the [TerraCyclePickup.com](https://www.terraCyclePickup.com) website to find out if you are within our service zone and to sign up.



The image shows two subscription cards. The left card is for a 6-month subscription, featuring icons for 5 small bags (x5) and 7 large bags (x7). The right card is for a 12-month subscription, featuring icons for 10 small bags (x10) and 15 large bags (x15). Both cards have a dark blue 'Add to Cart' button at the bottom.

Subscription	Price	Includes
6-Month Subscription	\$20 /month, \$120 total	5 Small Zero Waste Bags 7 Large Zero Waste Bags up to 6 pickups
12-Month Subscription	\$20 /month, \$240 total	10 Small Zero Waste Bags 15 Large Zero Waste Bags Up to 12 Pickups



The image shows two subscription cards for extra large bags. The left card is for a 6-month extra large bag subscription, featuring an icon for 8 extra large bags. The right card is for a 12-month extra large bag subscription, featuring an icon for 17 extra large bags. Both cards have a dark blue 'Add to Cart' button at the bottom.

Subscription	Price	Includes
6-Month Extra Large Bag Subscription	\$33 /month, \$198 total	8 Extra Large Zero Waste Bags 1 Monthly Pickup
12-Month Extra Large Bag Subscription	\$33 /month, \$396 total	17 Extra Large Zero Waste Bags 1 Monthly Pickup

*Offered to the first 50 new customers and can't and can't be combined with other discounts

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