



# Bay State Textiles:

A look into our company  
and textile recycling



# What is Fast Fashion?

**Inexpensive clothing produced rapidly by mass-market retailers in response to the latest trends**

- ♻ Brands operate on the basis of constantly producing new lines of clothes to meet the ever-changing consumer demand for all things new
- ♻ Intertwined with social media and celebrity/influencer culture
- ♻ Fast Use

ZARA

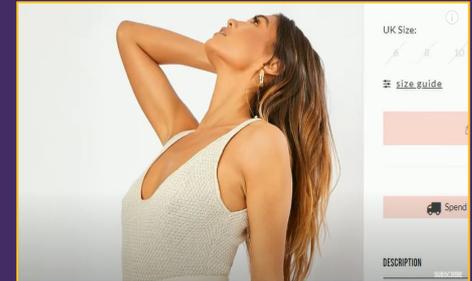
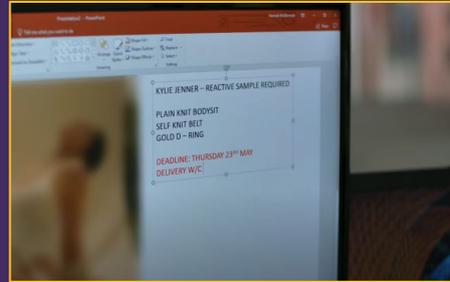
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# How Fast is Fast Fashion?



# Environmental Effects of Fast Fashion

## WATER

-  Second largest consumer of water
-  Textile dyeing is the world's second-largest polluter of water

## MICROPLASTICS

-  Brands use synthetic fibers like polyester, nylon and acrylic which take hundreds of years to biodegrade
-  35% of all microplastics in the ocean come from the laundering of synthetic textiles

## ENERGY

-  The apparel industry accounts for 10% of global carbon emissions
-  70 million barrels of oil are used every year to produce polyester alone

## WASTE

-  Synthetic fabrics can take up to 200 years to break down
-  Produces methane gas

# How You Can Reduce Microplastic Pollution At Home



Fill up your washing machine to the max



Use washing liquid instead of powder



Use a fabric softener



Wash at a cold temperature



Avoid long washings



Spin your clothes at lower speed



Avoid buying synthetic clothes when possible

# Company History



## Paul Curry

-  **1993** – PAC Global: specialized as independent buyer for Japanese wholesalers
  - Developed comprehensive export program for used clothing, supplying over 130 Japanese retail boutiques
-  **1999** – Developed used clothing grading facility: exporting used clothing to East and West African countries
-  **2002** – Started to formulate pilot collection programs for several municipalities in south eastern MA
  - First organization in MA and one of the first in the US to offer rebate dollars for unwanted clothing
-  **2005** – Launched Bay State Textiles Inc. 
  - Specifically specialized in the collection of unwanted used clothing, shoes, and linens – exclusively worked with and serviced municipalities
-  **2010** – Invited to educate municipalities throughout the Commonwealth with MA DEP, Goodwill Industries, and SMART

# Company History Cont.

- ♻️ **2011** - Asked by the city of Weymouth to develop a program that would help the city increase their used textiles collection rate
  - The Bay State Textiles School Box Program was launched
- ♻️ **2013** - Asked to expand the BST program into Connecticut
  - Also asked to visit Puerto Rico to speak with municipalities about textiles
- ♻️ **2014** - Opened second warehouse in Waterbury, CT and started servicing CT municipalities
- ♻️ **2014** - Traveled to Puerto Rico to speak with municipalities
  - Learned PR was facing a very big problem
- ♻️ **2015** - Launched P.R Textile Recycling LLC
  - Today - services 95% of municipalities
  - Considered the most successful recycling program on the island



# Warehouses



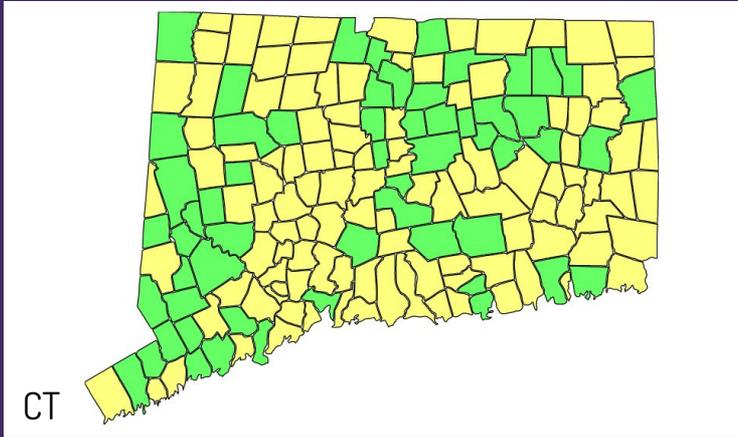
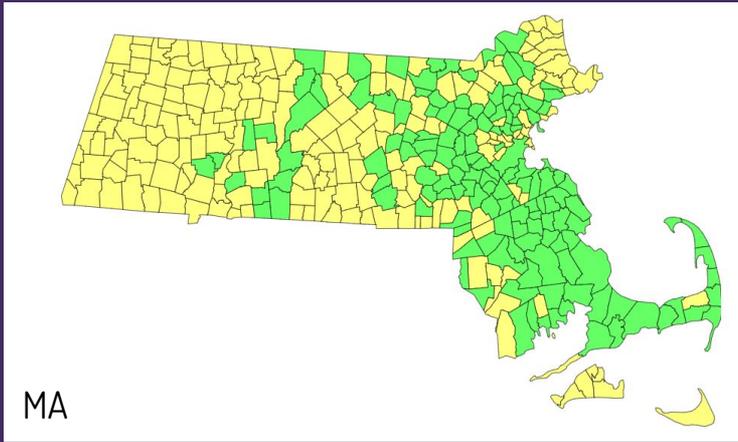
**Kingston, MA**



**Waterbury, CT**



**Carolina, Puerto Rico**



# Plymouth Box Locations

West Elementary

Indian Brook Elementary

Federal Furnace Elementary

Manomet Elementary

Nathaniel Morton Elementary

Cold Spring Elementary

PCIS & Mt. Pleasant

Hedge Elementary

South Middle School

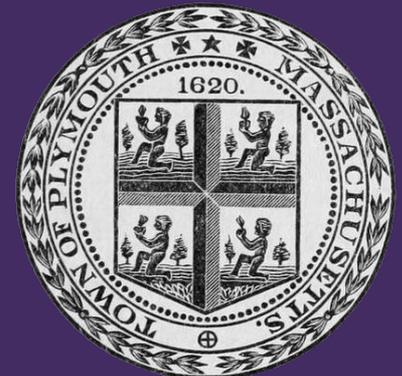
North High School

South Elementary

South High School

Plymouth Animal Shelter

Plymouth Transfer Station



# Plymouth Stats

PROGRAM TO DATE  
FEBRUARY 2013 - PRESENT

1,160,440 POUNDS  
\$58,022.00

2021  
YEAR END

190,065 POUNDS  
\$9,503.25

YEAR TO DATE  
2022

42,685 POUNDS  
\$2,134.25



# The Basics of Bay State Textiles



# ACCEPTABLE ITEMS FOR RECYCLING



All of the following can be donated in **any** condition as long as it's **clean**, **dry**, and **bagged**:

## Footwear:

- Shoes
- Boots
- Sneakers
- Heels
- Work Boots
- Cleats
- Pumps
- Dress Boots
- Slippers
- Sandals
- Winter Boots
- Flip Flops

## Clothing:

- Tops
- Pants
- Undergarments
- Sweaters
- Jeans
- Socks
- Sweatshirts
- Sweatpants
- T-Shirts
- Dresses
- Skirts
- Slips
- Shorts
- Pajamas
- Blazers
- Slacks
- Coats
- Tank Tops

## Accessories:

- Hats
- Gloves
- Scarfs
- Pocketbooks
- Duffle Bags
- Totes
- Belts
- Ties
- Bathrobes

## Linens:

- Sheets
- Pillows
- Comforters
- Blankets
- Towels
- Throw Rugs
- Draperies
- Table Linens
- Placemats

## Stuffed Animals

**\*ITEMS NOT ACCEPTED:** Mattresses, Couch Cushions, Lawn Furniture Cushions, Foam Products (mattress pads, etc.), Carpet Remnants, and Rugs (larger than 2' x 4')

# The good, the bad, and the ugly

95% OF TEXTILES IN ANY CONDITION CAN BE RECYCLED!

THIS INCLUDES ANY TEXTILE THAT IS:



STAINED

TORN

NOT IN WEARABLE CONDITION

SOCKS OR SHOES WITHOUT A PAIR



The average person  
throws away **81**  
**pounds** of clothing,  
shoes, and linens per  
year



That adds up to about  
**27 billion pounds** of  
unnecessary waste  
added to our landfills



# When you donate textiles, where do they go?

“**Graders**” – sort, or grade, the textiles into categories to determine where they will end up and what will happen to them

-  **Reusable clothing grade** (45%)
-  **Fiber conversion grade** (20%)
-  **Wiping rag grade** (30%)





# What can textiles be recycled into?



Stained  
T-Shirt



Wiping  
Rag



Old Teddy  
Bear



Car Seat  
Stuffing



Single  
Sock



Pillow  
Stuffing



Old Shoes



Playground  
Floor



Track



## International Clothing Markets

Reusable clothing is sent to countries overseas to be sold in secondhand clothing markets

- ♻️ Central America, South America, Africa, Canada
- ♻️ Creates hundreds of thousands of jobs all over the world
- ♻️ Supports those who can't buy new, so they can buy good quality clothing at a fraction of the price

# 2022 MA Textile Ban

The Massachusetts Department of Environmental Protection (MassDEP) has announced amendments to its waste ban regulations to include mattresses and textiles



-  Waste bans boost recycling and support the recycling industry
-  Part of the DEPs 2030 Solid Waste Master Plan
-  Cutting down on disposal = capturing valuable resources, saving energy, reducing greenhouse gas emissions, and lessening reliance on landfills

# THANK YOU!

Questions?

Bay State Textiles  
[www.baystatetextiles.com](http://www.baystatetextiles.com)  
(617)-877-2432

