

TREX PLASTICS CHALLENGE DRIVE

▶ PRESENTED by:

Westborough Rotary Club

▶ Sharad Mehta

▶ Chair, COTE*

▶ Heather Abraham

▶ Program Lead, Trex Plastics Challenge Drive

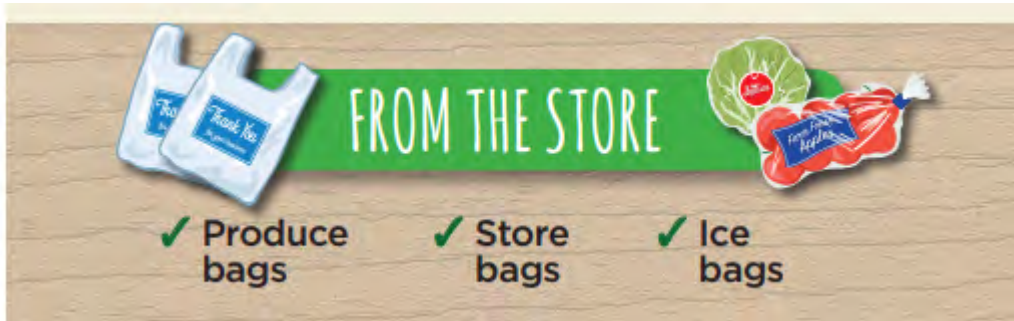
* COTE: Committee On The Environment

Film Plastics Pollution

- ▶ Despite banned by many towns, film plastics continue to pollute our waterways oceans and landfills
 - ▶ Business case for commercial recycling is difficult to make
 - ▶ Communities must rise to the challenge
- ▶ Trex Plastics Challenge is a local opportunity to affect global problem



The Trex Plastic Challenge



FROM THE STORE

- ✓ Produce bags
- ✓ Store bags
- ✓ Ice bags

This panel features a green banner with the text 'FROM THE STORE' in white. To the left are two white plastic produce bags, and to the right is a red and white ice bag. Below the banner, three items are listed with green checkmarks: 'Produce bags', 'Store bags', and 'Ice bags'.



FROM YOUR PANTRY

- ✓ Ziploc® & other reclosable bags
- ✓ Cereal box liners
- ✓ Case overwrap
- ✓ Bread bags

This panel features a green banner with the text 'FROM YOUR PANTRY' in white. To the left is a Ziploc bag, and to the right is a loaf of bread in a plastic bag. Below the banner, four items are listed with green checkmarks: 'Ziploc® & other reclosable bags', 'Cereal box liners', 'Case overwrap', and 'Bread bags'.



FROM YOUR FRONT DOOR

- ✓ Newspaper sleeves
- ✓ Dry cleaning bags
- ✓ Bubble wrap
- ✓ Plastic e-commerce mailers

This panel features a green banner with the text 'FROM YOUR FRONT DOOR' in white. To the left is a newspaper sleeve, and to the right is a stack of white plastic mailers. Below the banner, four items are listed with green checkmarks: 'Newspaper sleeves', 'Dry cleaning bags', 'Bubble wrap', and 'Plastic e-commerce mailers'.



How The Challenge Works

- ▶ Determine a six-month collection time period
 - ▶ Collect a minimum of 500 lbs. or 40,500 plastic film and bags
 - ▶ Weigh and record amount of film recycled each month.
- ▶ Deliver the collected plastic film to a participating retailer for recycling.

POSTER



The poster features a green background with a recycling symbol on the left. At the top, the word 'TREX' is written in a stylized, outlined font. Below it, the title 'Plastic Film Recycling Challenge' is in a bold, black font. A central green box contains the collection schedule, and another box to the right specifies the use of 13-gallon trashbags. The bottom section lists participating locations and shows various types of plastic waste that can be recycled, such as grocery bags, cereal bags, and shipping envelopes.

TREX

Plastic Film Recycling Challenge

Kohl's Collection Schedule 9 - 10 am:

November 21	December 5
December 19	January 2
January 16	January 30

If you are bringing recyclables to Kohl's: Please use **13 gallon trashbags**

Bring recyclables to Kohl's back entrance, or look for Trex bins at our participating locations

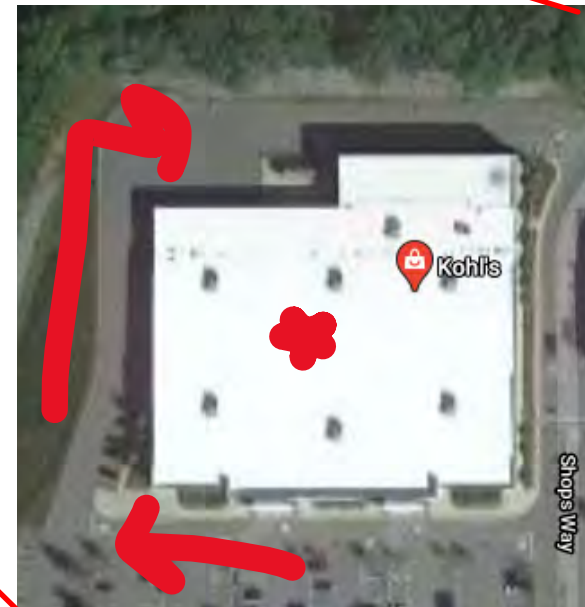
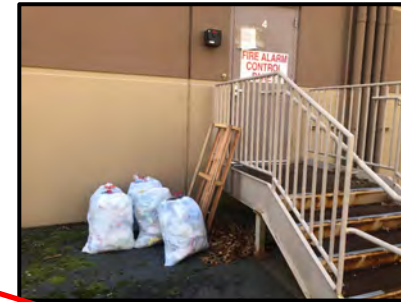
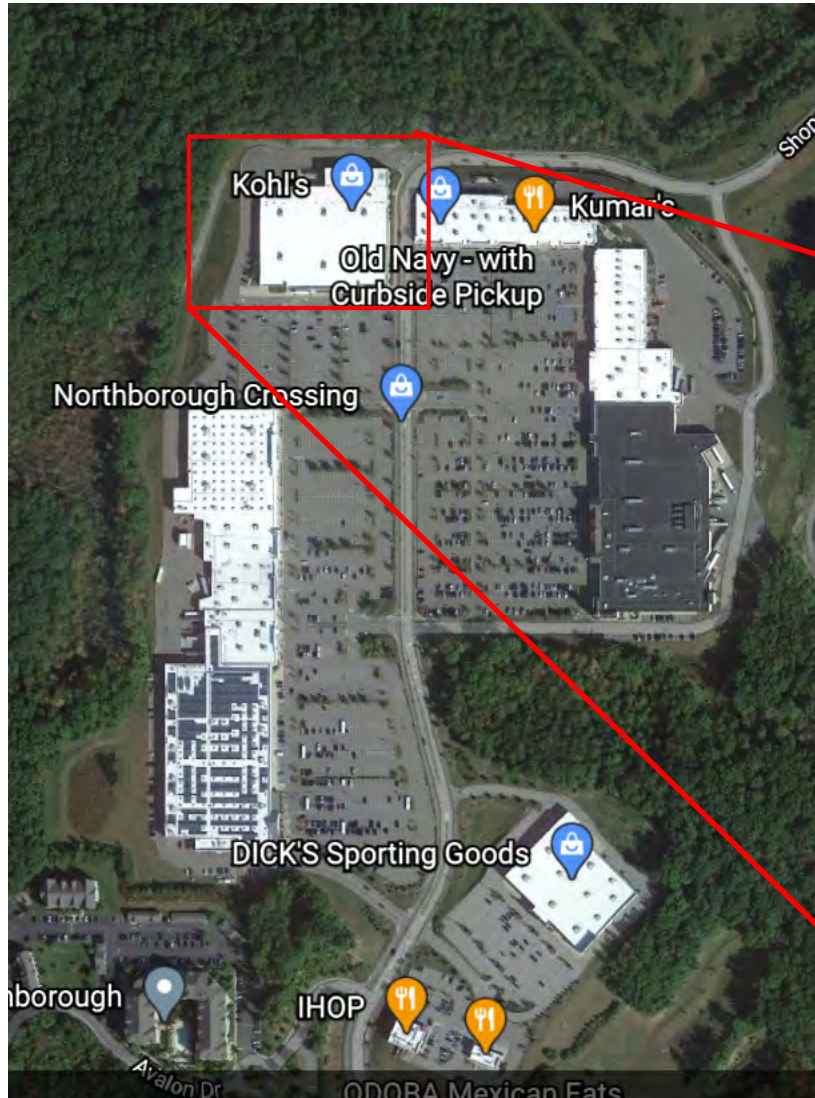
1. Central One Federal Credit Union (accessible from back parking lot)
2. Midstrong (In front of gym)
3. YMCA (near climbing wall)

What can be recycled?

- Grocery Bag
- Dry Clean Bag
- Cereal Bag
- Bubble Wrap
- Plastic Shipping Envelope
- ZipLoc Bag
- Ice Bag
- Bread Bag

Poster by: Abby Mahr

Kohls' Collection Location (Scheduled)



Remote Collection Centers

Look for Trex Bins at our participating locations:



**40 South St,
Westborough,
MA 01581**
(508) 366-5553

*Collection Box is located in the rear vestibule of the branch, accessible from the back-parking lot.



**4 Valente Dr,
Westborough, MA 01581**
(508) 870-1320

*Collection Box is located next to rock climbing wall



**18 Lyman St, Suite
1100, Westborough,
MA**
(508)-329-1163

*Collection Box is located in front of gym in Westborough Shopping Plaza / Lyman St.

Anyone Can Volunteer



Westborough Rotary

Trex Plastic Challenge

Created By:

Patrick McGrath

12/05/2020 (Sat. 9:00AM - 10:00AM)

Collect Plastic - bring to

Name: **Heather Abraham**

Email: **hbordick@yahoo.com**

Kohls (3)

Pick up from the 3

Name:

Email:

Westborough drop off

*locations: YMCA, Mid-
strong, & Central One*

Credit Union

Name:

Email:

Volunteers & Participants

Rotary Club Volunteers

- ▶ Jim Comes
- ▶ Elliott Rittenber
- ▶ Dave Kaiser
- ▶ Patrick McGrath
- ▶ Katie Curtin-Mestre

WHS Volunteers

- ▶ Abby Mahr
- ▶ Kiley Vallee
- ▶ Mukil Nair
- ▶ Sean Tam

A Few Community Participants

- ▶ Ian

Kohls' Staff Support

- ▶ Samantha Hutchins (Store Manger)
- ▶ Shellby
- ▶ Dana

Contact Info

▶ **Email:**

▶ cote@westbboroughrotary.org

▶ **Sign-up Genius for Volunteering**

<https://www.signupgenius.com/go/4090A4BAEA62AA4FF2-rotary>

BACKUP SLIDES

Plastics Pollution Data

The pathway by which plastic enters the world's oceans

Our World
in Data

Estimates of global plastics entering the oceans from land-based sources in 2010 based on the pathway from primary production through to marine plastic inputs.

Global primary plastic production:
270 million tonnes per year

Global plastic waste:
275 million tonnes per year

It can exceed primary production in a given year since it can incorporate production from previous years.

Coastal plastic waste:
99.5 million tonnes per

This is the total of plastic waste generated by all populations within 50 kilometres of a coastline (therefore at risk of entering the ocean).

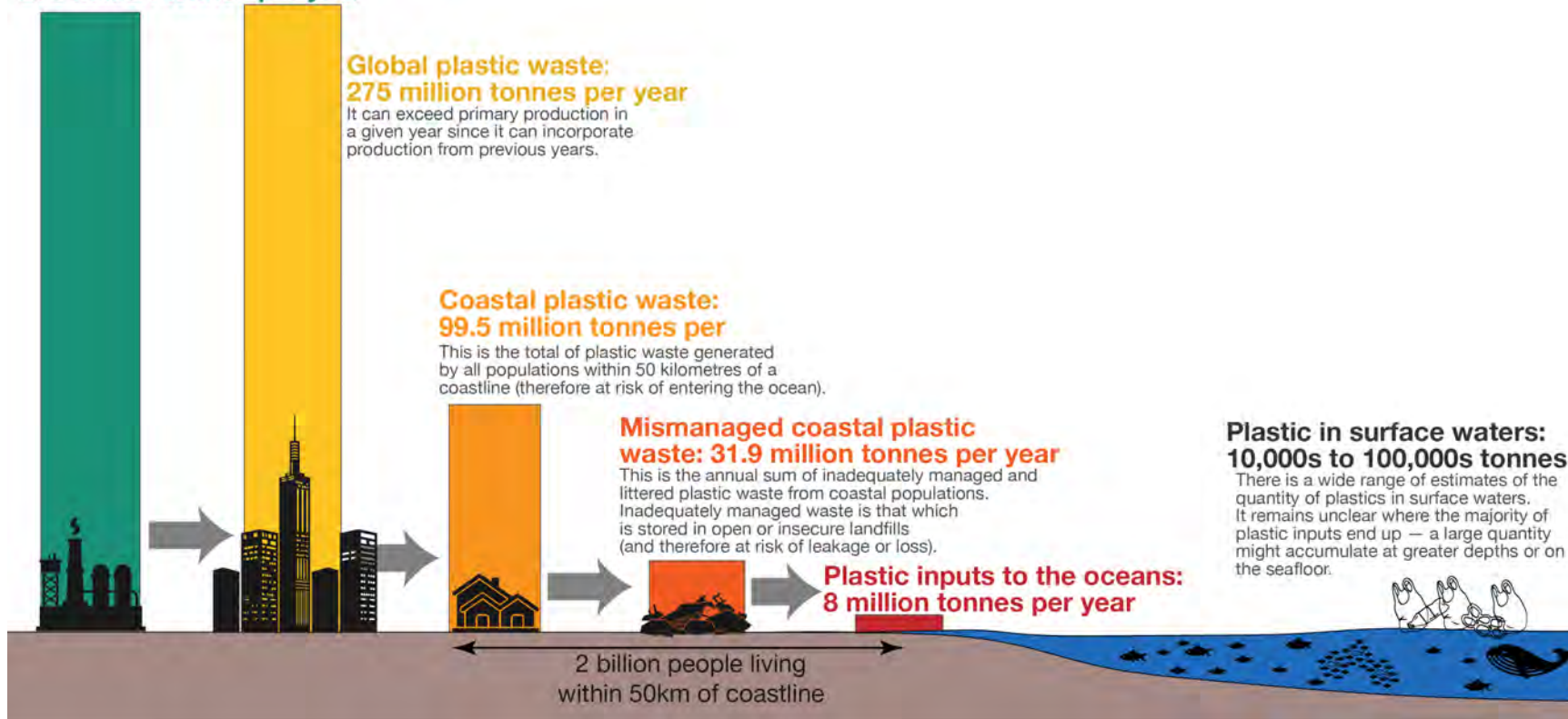
Mismanaged coastal plastic waste:
31.9 million tonnes per year

This is the annual sum of inadequately managed and littered plastic waste from coastal populations. Inadequately managed waste is that which is stored in open or insecure landfills (and therefore at risk of leakage or loss).

Plastic inputs to the oceans:
8 million tonnes per year

Plastic in surface waters:
10,000s to 100,000s tonnes

There is a wide range of estimates of the quantity of plastics in surface waters. It remains unclear where the majority of plastic inputs end up — a large quantity might accumulate at greater depths or on the seafloor.



Source: based on Jambeck et al. (2015) and Eriksen et al. (2014). Icon graphics from Noun Project.

Data is based on global estimates from Jambeck et al. (2015) based on plastic waste generation rates, coastal population sizes, and waste management practices by country

This is a visualization from OurWorldinData.org, where you will find data and research on how the world is changing.

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