



Recycling Authority March 2021

20000 West Eight Mile Road | Southfield
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Recycling - How It Works

Recycling is the process of taking a product at the end of its useful life and using all or part of it to make another product. Sounds simple enough, right? You put your recycling in a bin to be taken away and poof...it's recycled.



Unfortunately, it's not that simple. Most people don't really know what happens to their toilet paper rolls, milk jugs, and soup cans once they are picked up/dropped off.

Collection

In our communities, we have what is known as single stream recycling. Single stream recycling refers to a collection system that allows homeowners to place all of their recycling together in a curbside bin/cart. Be sure that you are only putting acceptable items in your bin/cart.

On your collection day, your bin/cart that you placed at the curb will be picked up by your city's contracted hauler. Once collected, the recyclables will be delivered to the RRRASOC Material Recovery Facility or MRF in Southfield. The trucks empty the recyclables inside the building on the tipping floor.

Sorting

After the recyclables are at the MRF on the tipping floor, they are loaded into an infeed hopper by a front loader to begin the sorting process. The hopper feeds the recyclables onto a conveyor system that carries the materials to various sorting stations where manual or mechanical sorting takes place. There are many stations to the sorting process where the different types of material are separated from one another.

Baling and Shipment

After the material is sorted, it is loaded into bunkers before being sent to the baler for compacting, except for glass which is loaded directly into trailers from its bunker.

Once a bunker is full, the sorted material is emptied onto a conveyor system and fed into the baler. Finished bales are placed in storage until they can be loaded onto trucks and shipping containers that deliver the baled product to end markets.

Manufacturing

Trucks loads of material from the MRF are sold and shipped to facilities such as paper mills, secondary processors, and manufacturers throughout the U.S., North America, and the rest of the world.

Materials made from paper such as office paper, cardboard and newspaper are shipped to

paper mills to make new paper products. Aluminum cans are recycled into new aluminum cans. Bales of steel are melted down and made into new steel products. Plastic processors and manufacturers use the recycled plastic to make a variety of new products including plastic bottles and containers, carpeting, and fleece clothing.

The Recycling Process

Watch this comprehensive video of the RRRASOC Material Recovery Facility in Southfield to see how your recyclables are collected, sorted, baled and sent to manufacturers to be processed into new items.



Earth Hour | March 27th 8:30pm



Join the millions of people who turn off their lights for an hour to draw attention to nature loss and climate change. It started as a symbolic gesture and now Earth Hour has become a catalyst for positive environmental impact, driving major legislative changes by harnessing the power of the people.

This year, as you switch off your lights in your home you can also turn on the spotlight on your social media. Take part in the Earth Hour Virtual Spotlight where millions will be taking over social media to put the spotlight on our planet, the issues we face, and our place within it all. Share the must-watch video, that will be released the night of Earth Hour, to your social media to get the world watching!

Step 1: Follow

Make sure you're following Earth Hour Official

- Instagram - @EarthHourOfficial
- Facebook - @EarthHour
- Twitter - @EarthHour
- YouTube - Earth Hour

Step 2: Watch

On March 27 - the night of Earth Hour - keep an eye out for Earth Hour Official to post the must-watch video on all their pages.

Step 3: Share

Share the video far and wide, it's that simple! Use the hashtag #EarthHour when you can!



Follow Us On Facebook

Want more tips, tricks, and updates about recycling? We have a Facebook page where we can reach you daily to make recycling easier. Not only that, but you can reach us too! Send us a message or just comment on our posts.



[Head over to Facebook](#)



RRRASOC Recycling Directory

Not sure what to do with stuff?


Visit rrrasoc.org and use the Recycling Directory search bar to type in keywords and get recycling, composting, reuse or disposal instructions.

The searchable, intuitive format of the

Recycling Directory provides RRRASOC specific information.

Also Available:





- Mobile App
 - From your App Store or Google Play, search for "Recycling Authority"
- Alexa Enabled Device
 - Simply say, "Alexa, enable Recycling Directory."




NOT SURE WHAT TO DO WITH
STUFF?

COMPOST? RECYCLE? DONATE? TRASH?

GET CONNECTED TO FIND OUT!

MOBILE APP	ONLINE	SOCIAL	E-NEWS
			
<small>Available on the App Store. GET IT ON Google Play. SEARCH "RECYCLING AUTHORITY"</small>	<small>Visit rrrasoc.org</small>	<small>facebook.com/rrrasoc</small>	<small>Sign up for e-news at rrrasoc.org</small>

 **RRRASOC | THE RECYCLING AUTHORITY**
Farmington, Farmington Hills, Millford, Millford Township, Novi, South Lyon, Southfield, Walled Lake, Wixom

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