

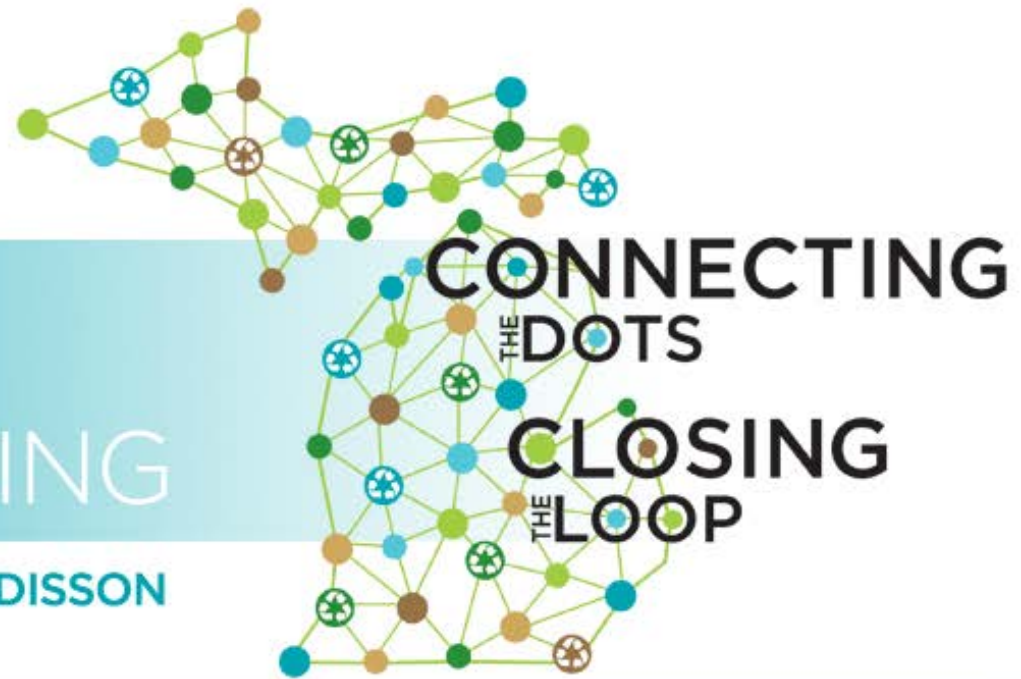
Connecting the Curb to the MRF

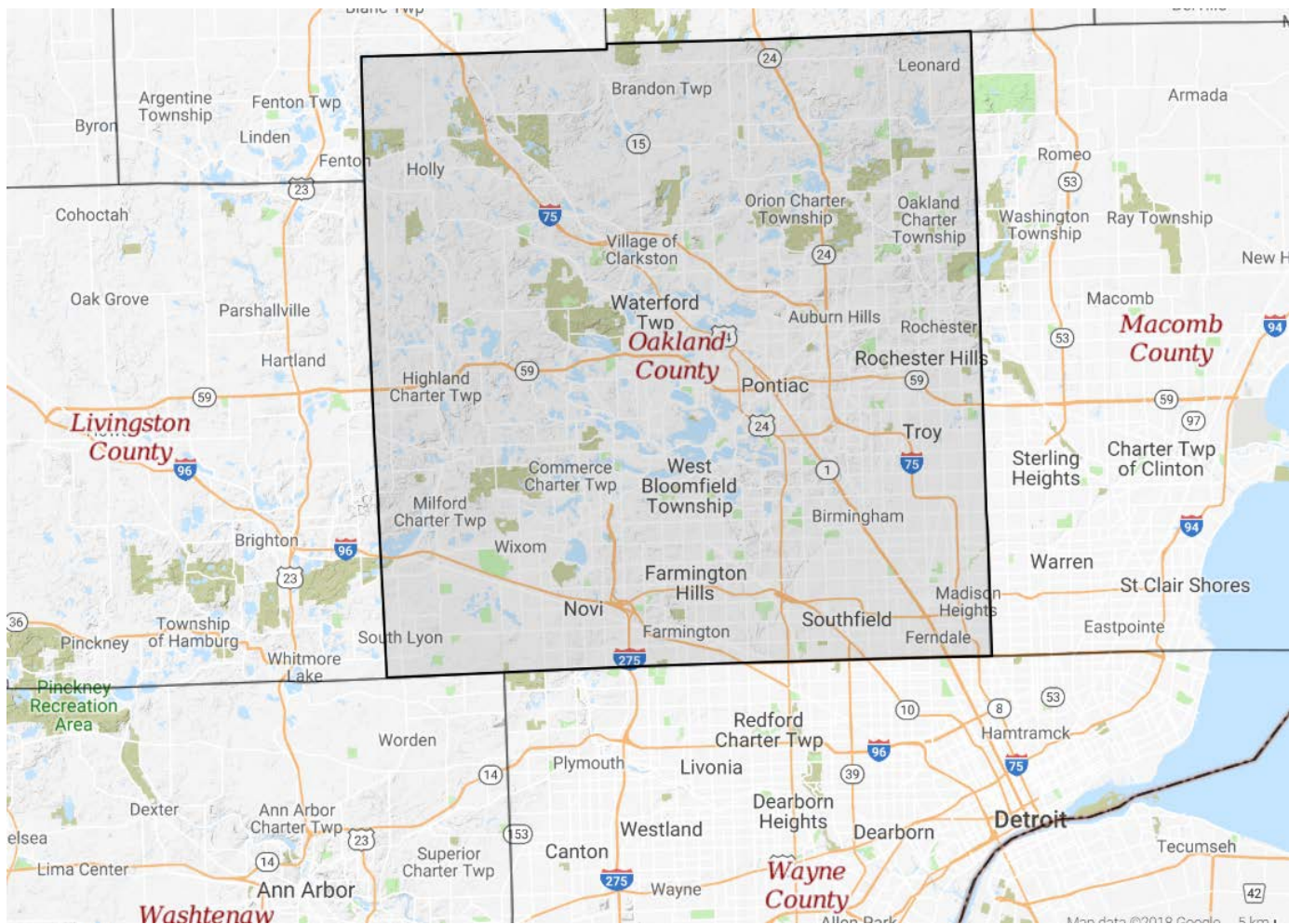
P3 Case Study



36TH ANNUAL
CONFERENCE &
STATE OF RECYCLING

MAY 15-17, 2018 KALAMAZOO RADISSON





Total Population - 264,635
Single Family Households: 71,884

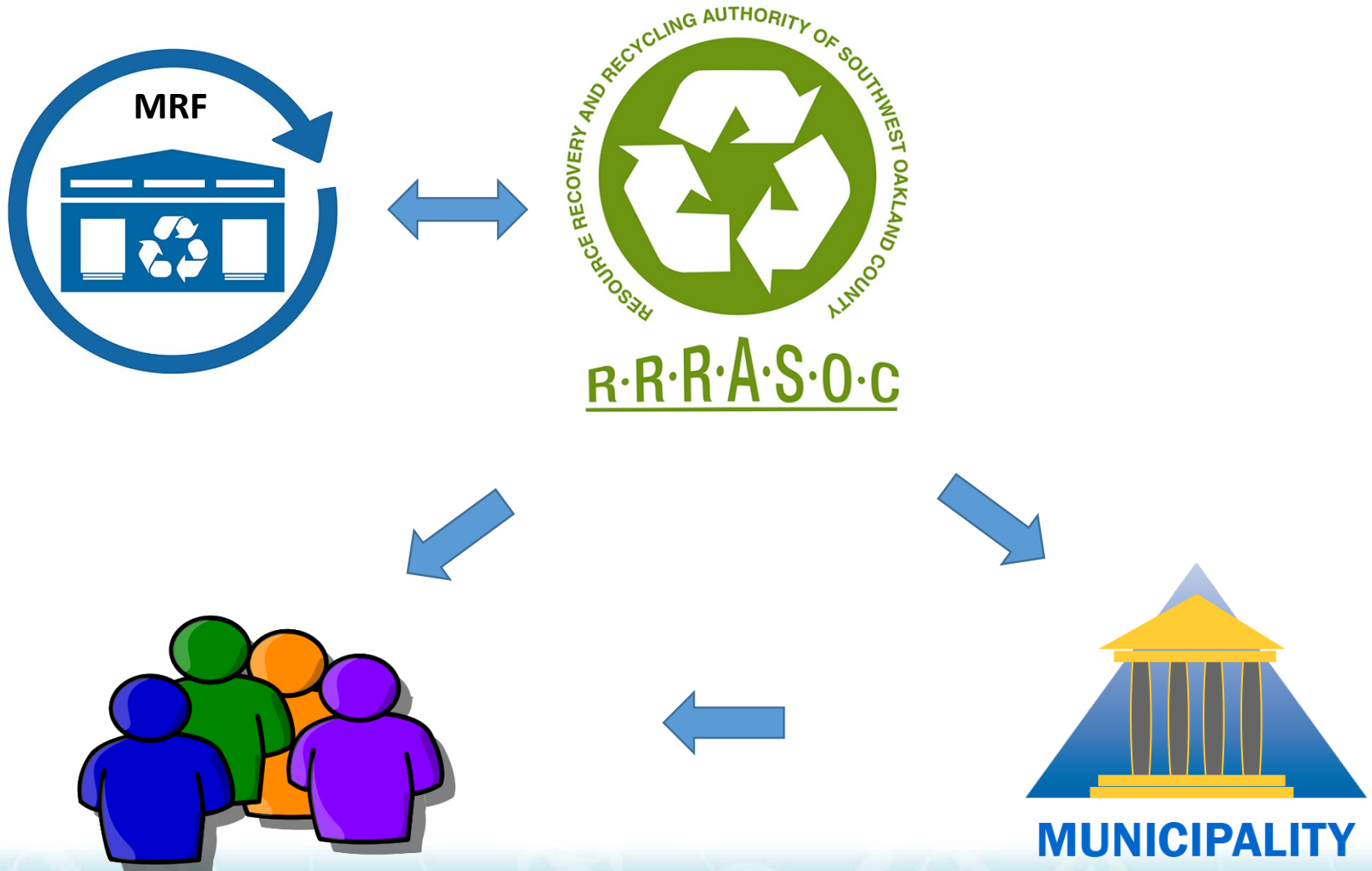


Public – Private Partnership



- Shared financial investment to achieve public and private goals
- Shared financial risks/rewards
- Allows local government to:
 - Achieve economies of scale
 - Utilize private sector expertise
- Private sector partner has guaranteed base of material with access to remaining plant capacity
 - 15% of MRF Inbound Material Volume

Flow of Information



We “Speak” for the MRF



- Direct & Consistent Communication & Feedback
 - Recovery Rates
 - Residuals, Contaminates & Problem Materials
 - Operational Inefficiencies
 - Safety Concerns

We are the “Authority”



- Direct Communication to Member Communities
 - Consistent, Cohesive Messaging
 - Recycling Guidelines
 - Recycling Information/Content for Newsletters
 - Event Information
 - Participation & Recovery Rates

We Talk to Our Residents



- Direct Communication to Residents



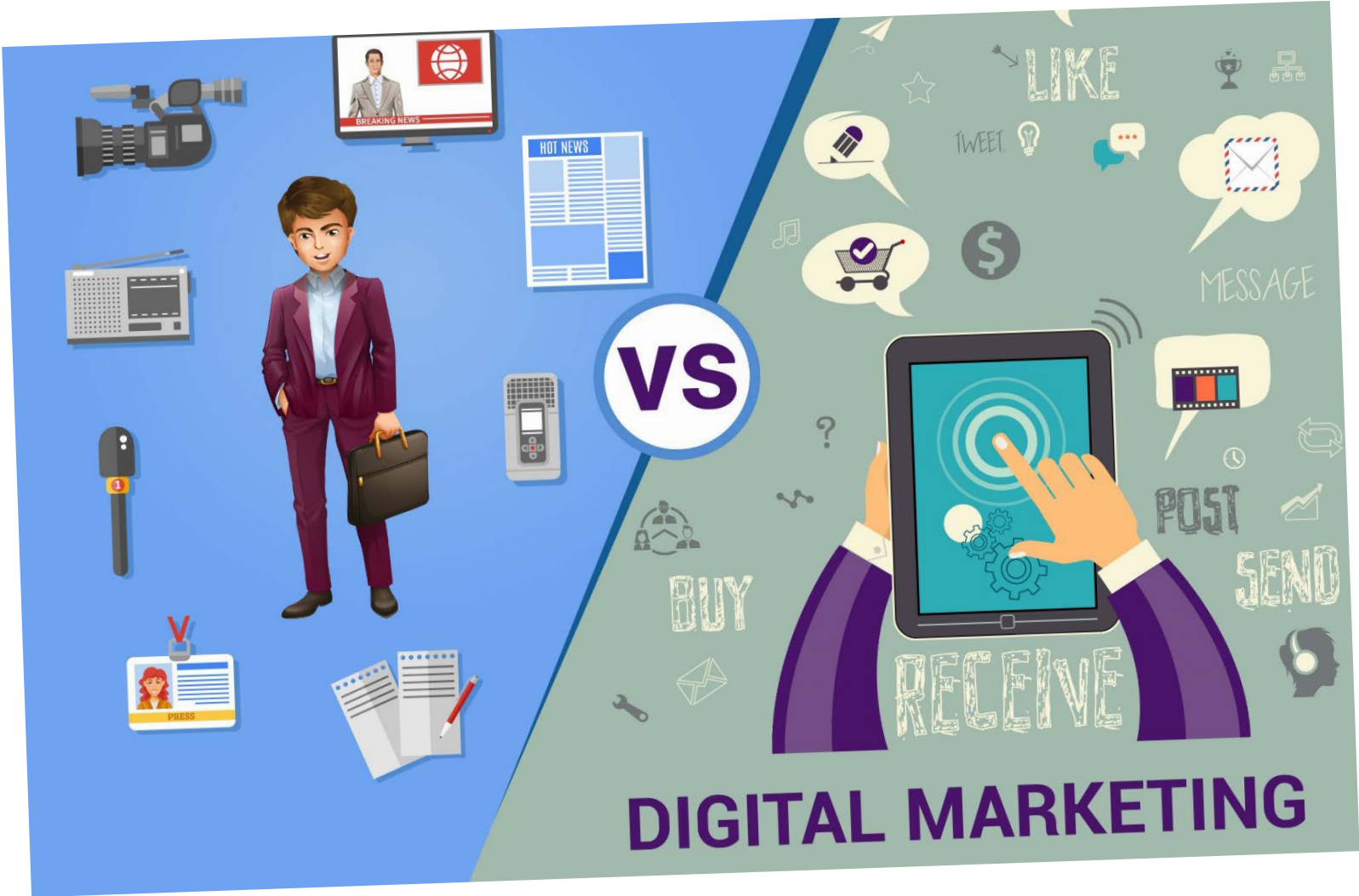
What We Say – Messaging



- ♻️ Yes, it gets recycled
- ♻️ Recycle More, Recycle Right
- ♻️ Acceptable Materials
- ♻️ Material Prep – Empty – Clean – Dry – Loose
- ♻️ Not Everything is Recyclable
- ♻️ Wishful Recycling
- ♻️ Material Quality & Contamination
- ♻️ Safety Hazards
- ♻️ Recycling Costs \$
- ♻️ 3 Rs +



How We Say It – Communication Tools



How We Say It – Communication Tools

- RRRASOC.org
- Recycling Directory
- Mobile App
- E-newsletter
- Facebook
- Press Releases
- Member Community Communications
- New Resident Packets
- Newspaper Ads
- Tax Inserts
- Community Website Review
- Yearly Postcards
- MRF Tours
- Recycling Demystified Presentations – *Communities & Businesses*
- Re-Source Guide*
- MRF/Recycling Video*
- Collaboration with MRF & 3rd Party Haulers & Customers



Proper Sharps Disposal

Sharps are safest when placed in a FDA approved container. If one is not available, you can make one from an empty household container.

The container should have these characteristics:

- Made from sturdy, rigid plastic (example: used laundry detergent bottle)
- Does not tip over
- Has a cap that does not puncture easily
- Does not have any leaks

When the container is 3/4 the way full, place the cap on it and tape it shut. Write on the outside "SHARPS" and place in household garbage.

Sharps containers should **NEVER** go in your curbside recycling bin or any of the drop off recycling locations. Used sharps and the containers that contain them are **NOT** recyclable.

Here are some pictures of sharps sent in for recycling. These are a serious hazard for workers at Material Recovery Facilities.



RECYCLE MORE. RECYCLE RIGHT.

File folders, office paper
& gift wrapping paper

#1-#2 and #4-#7 Plastic containers
(no Styrofoam, or plastic bags)

Newspapers,
Magazines,
Brochures &
Inserts

Cartons

Aluminum & Metal Cans

Corrugated cardboard &
Paper bags

Paperboard boxes
(cereal, pasta, & tissue)

Household scrap metal

Greeting cards,
regular &
junk mail



DID YOU KNOW -

RECYCLE RIGHT

The recycling facility in Southfield is a highly mechanized sorting facility?

Keep recyclables loose in your recycling cart or bin.

Bags clog up the machinery at the recycling facility and must be removed by hand?

It's okay if they mix together.

Bags are not recycled at the recycling facility?

Recycle plastic bags at special drop off locations. Find the nearest recycling drop-off at PlasticFilmRecycling.org



Like us on
Facebook
facebook.com/rrrasoc

Download the "Recycling Authority" mobile app for iPhone and Android



RRRASOC | THE RECYCLING AUTHORITY

Farmington, Farmington Hills, Milford, Milford Township, Novi, South Lyon, Southfield, Walled Lake, Wixom

Examples – Outreach & Educational



Recycling Authority

Published by Tracy Purrenhage [?] · February 23 ·



YES - Recycle this! Cartons from juice, milk, soups, sauces can be recycled in your curbside bin, cart or at the drop-off sites. Empty, rinse, remove caps/straws.

Examples –
Outreach &
Educational



NOT SURE WHAT TO DO WITH STUFF? RECYCLE. COMPOST. TRASH.

YES

- Clean garden plastics
- Clean pizza boxes
- Flatten cardboard boxes
- Empty and rinse containers
- Leave caps on plastic bottles
- OK to leave staples, clips, labels, stamps, spiral bindings and metal fasteners on paper products

NO

- Plastic Bags
- Foam containers or products (Styrofoam)
- Wire hangers
- Window panes, mirrors, ceramics & Pyrex dishware
- Organic material and food waste
- Electronic waste (batteries, cell phones, computers, etc.)
- Paint, pesticides, oil & cleaners
- Waxed cardboard
- Needles or syringes
- Hazardous waste



R·R·R·A·S·O·C

**RECYCLE MORE.
RECYCLE RIGHT.**

WONDERING IF SOMETHING CAN BE RECYCLED?
Download the "Recycling Authority" mobile app for iPhone and Android



Paper Drink Cartons



File folders, office paper & gift wrapping paper



#1-#2 and #4-#7 Plastic containers
(NO Foam/Styrofoam)



Aluminum & Metal Cans



Newspapers, Magazines, Brochures & Inserts



Corrugated cardboard & Paper bags



Household scrap metal



Paperboard boxes
(cereal, pasta, & tissue)



Greeting cards, regular & junk mail



Phenobooks



Glass bottles & jars
(all colors)



Bulky Rigid Plastic
(buckets, chairs, toys)

RECYCLE USING A CART OR BIN.

WANT A 64-GALLON RECYCLING CART?

- Contact Southfield's solid waste hauler, GFL Environmental to order a 64-gallon recycling cart.
- Order by phone at 844-464-3587 or email gflcustomerservice@gflenv.com.
- Recycling carts are provided to single family households upon request at no cost.

NEED A RECYCLING BIN?

- **NEW RESIDENTS:**
Call Public Works Streets & Highway Division 248-796-4860 for free home delivery.
- **CURRENT RESIDENTS:**
Call or visit Neighborhood & Information Center at City Hall 248-796-5140. Cost is \$7/bin.

WHAT ABOUT YARD WASTE?

- Place yard waste in rigid containers clearly marked as "Yard Waste" or in approved paper yard waste bags, not to exceed 32-gallons in size or 60 lbs. in weight. **NO plastic bags.**
- Tree branches less than 6" in diameter must be cut no more than 4' in length, bundled and not to exceed 60 lbs. **NO logs, stumps or root balls.**
- Chipper service, yard waste and brush are collected mid-April through November as weather permits.

GOT GARBAGE?

- Household garbage must be contained in bags and/or rigid containers with tight fitting lids; cannot exceed 32-gallons in size or 60 lbs. in weight.
 - Latex paint must be completely dry. **NO oil base paint, solvents or other household chemicals.**
 - Carpeting must be rolled and tied in bundles no more than 4' in length and not to exceed 60 lbs.

ALL CARTS, BINS, BAGS, BUNDLES, BULK ITEMS MUST BE SET OUT AT THE CURB NO EARLIER THAN 4 PM




Examples – Outreach & Educational


Recycling Directory


Learn where to recycle, compost or properly dispose of just about anything!

We have created an easy to use directory to help residents of Farmington, Farmington Hills, Milford, Milford Township, Novi, South Lyon, Southfield, Walled Lake and Wixom learn where to recycle, compost or properly dispose of various materials.

RECYCLING DIRECTORY Share ▾

 Recycling Directory

 Upcoming Events

 Need help?

Type the name of an item and we'll tell you how to recycle or dispose of it.

[Search](#)

[Terms of Service](#)

[List of Materials](#)

Powered by 



Examples – Outreach & Educational

Examples – Outreach & Educational

← Back


Plastic bags



GARBAGE

 Put this item in your garbage.

SPECIAL INSTRUCTIONS

 No plastic bags of any type can be recycled by RRRASOC. Plastic bags may be recycled at some local grocery and big box retailers. Look for collection containers in lobbies or service



Recycling Directory

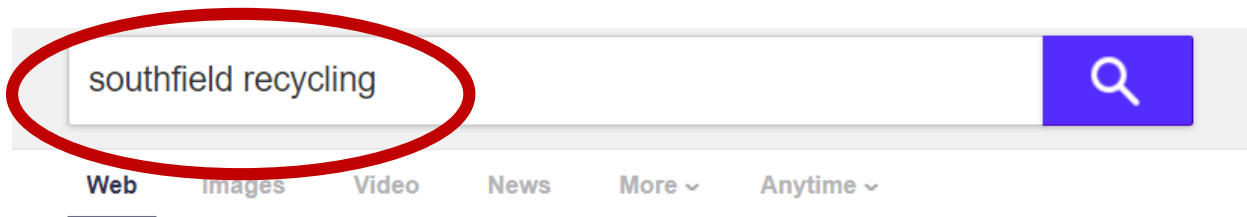


Info



More

Getting It Right with Internet Clicks



Also try: [city of southfield recycling](#), [southfield recycling bins](#)

City of Southfield - Recycling

www.cityofsouthfield.com/Government/City...

City of **Southfield** - The Center of it All! 26000 Evergreen Road, **Southfield**, MI 48076 (248) 700-5000

RRRASOC

rrrasoc.org

We would like to show you a description of this page.

Southfield, Michigan Trash D

www.advanceddisposal.com/mi/southfield

Advanced Disposal waste company in Southfield, Michigan providing services for residential and commercial customers.

Southfield, Michigan 48075 Local Recycling

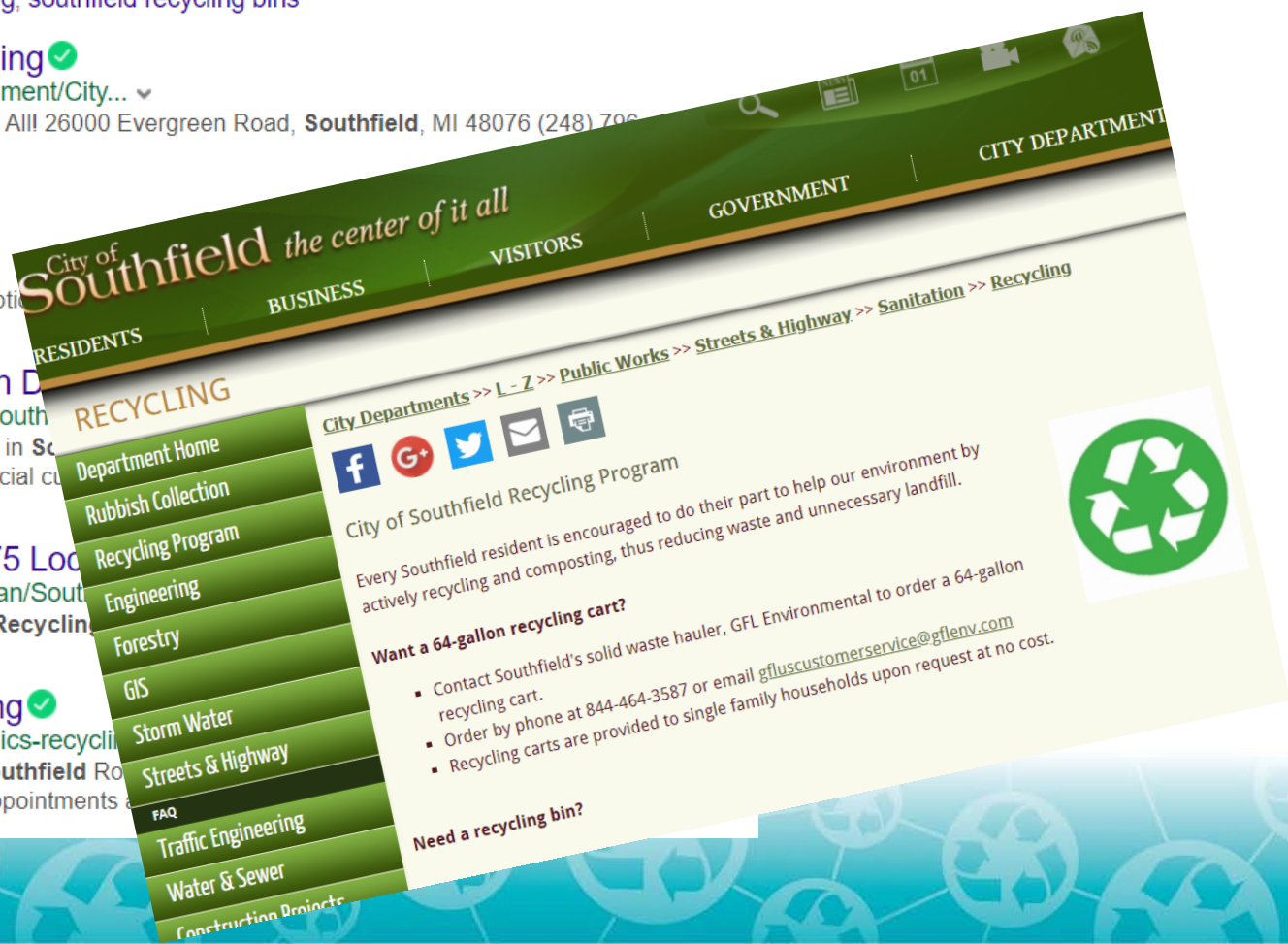
www.recyclingcenters.org/Michigan/Southfield

Southfield, Michigan 48075 Local Recycling

JVS | Electronics Recycling

www.jvsdet.org/about-us/electronics-recycling

Electronics **Recycling**. ... 29699 **Southfield** Road, Southfield, Michigan 48075. Call us at the south door and ring the bell. *Appointments required.



Communities Outside RRRASOC but within MRFshed

lansing recycling



Web Images Video News More ▾ Anytime ▾

Also try: lansing recycling center, lansing recycling schedule

Recycling Services | Lansing, MI ✓

www.lansingmi.gov/510 ▾

Learn about the City of Lansing's recycling services and programs.

Lansing recycling center - Lansing, MI

www.lansingrecyclingcenter.com

Lansing's recycling

Capital Area Recycling & Trash

lansingmi.gov

Learn more about



Lansing
Michigan's Capital City

Andy Schror, Mayor



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How Do I...

Calendar, Holidays & Events

CART Sign Up

Collection Day Schedule & Reminder

Frequently Asked Questions (FAQs)

Home > Government > Departments J - Z > Public Service > Capital Area Recycling & Trash (CART) > Recycling Services

Recycling Services

Together we can make a difference! For every 1000 tons of recyclables that the City collects:

- 14,903 trees are saved
- 6,404,606 gallons of water are saved
- 408,412 gallons of gasoline are saved
- 2,856 metric tons of greenhouse gas emissions are saved

Contact Us

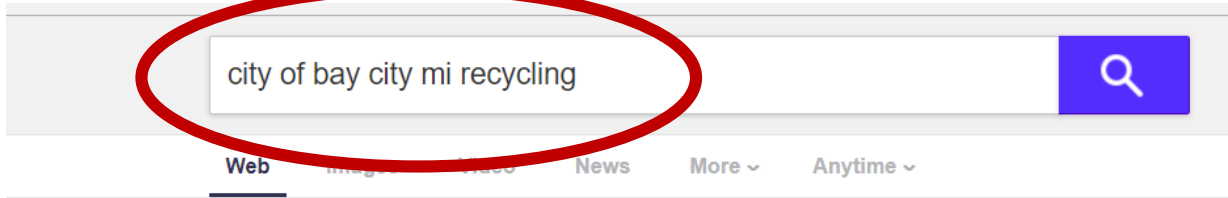
Capital Area Recycling & Trash

Email [Capital Area Recycling & Trash](mailto:CapitalAreaRecycling@lansingmi.gov)

Physical Address
601 E South Street
Lansing, MI 48910

Phone: 517-483-4400

Communities Outside RRRASOC but within MRFshed

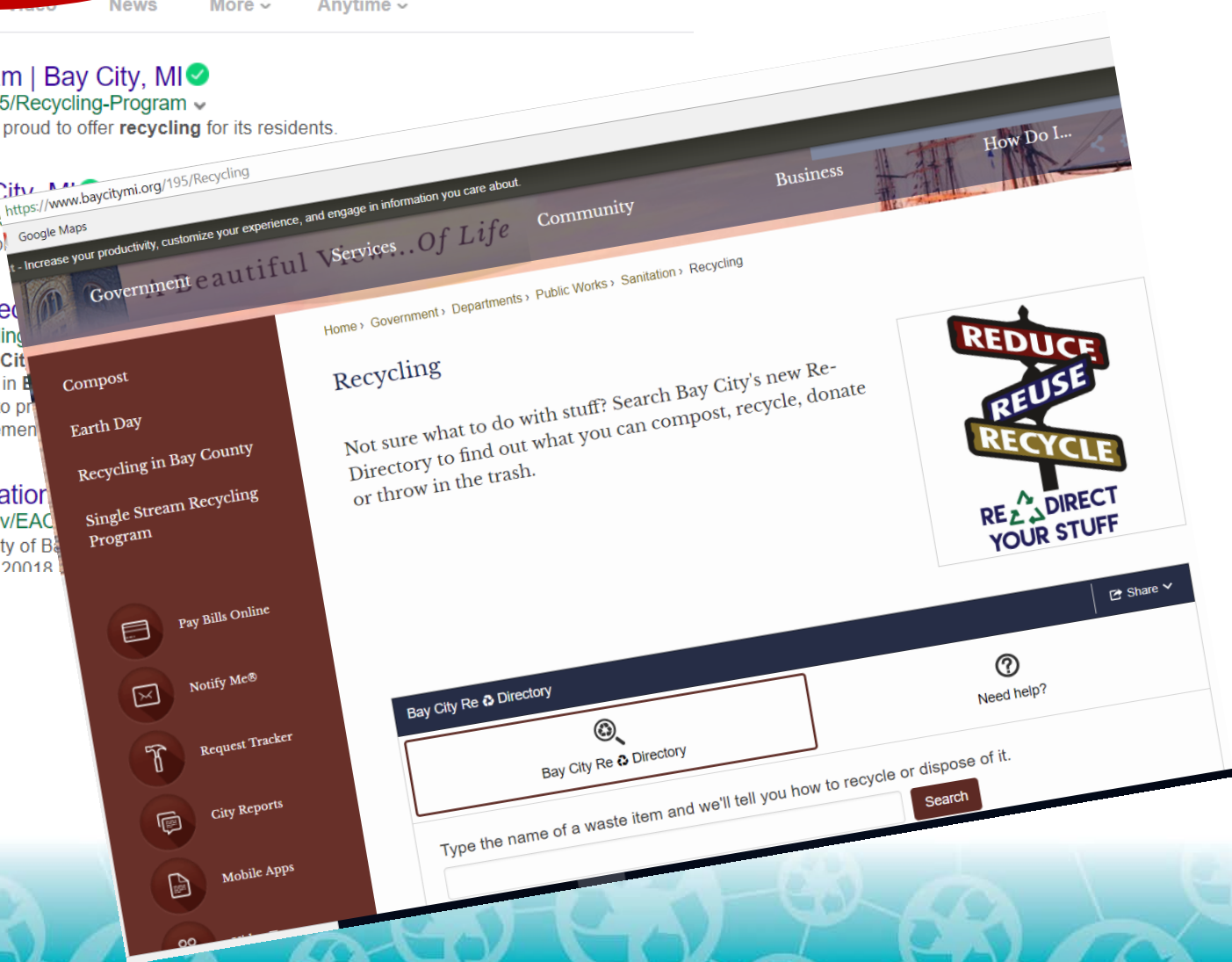


Recycling Program | Bay City, MI ✓
www.baycitymi.org/405/Recycling-Program
The City of Bay City is proud to offer **recycling** for its residents.

Recycling | Bay City, MI ✓
<https://www.baycitymi.org/195/Recycling>
Read about **recycling** pl...

Bay City Metal Rec...
www.franklinmetaltrading.com
Zinc purchasing in Bay City
Magnesium purchasing in Bay City
company is committed to providing
fair prices, honest settlements

Recycling Information
www.baycounty-mi.gov/EAC
During the event, the City of Bay County
growing season needs. 20018



TAKEAWAYS

- ✓ Take Initiative – Communicate!
- ✓ What's Your MRFshed Address?
- ✓ Take Responsibility - Know Acceptable Materials!
- ✓ Pay Attention - Ask ?s
- ✓ Red Flags – Plastic Bags, Shredded Paper, Batteries, EPS, Propane Tanks, Sharps, etc.
- ✓ Be prepared to REPEAT your message. Repeat. Your. Message.
- ✓ EVERYONE needs to pay attention to quality.

