

Waukesha County Recycling & Solid Waste

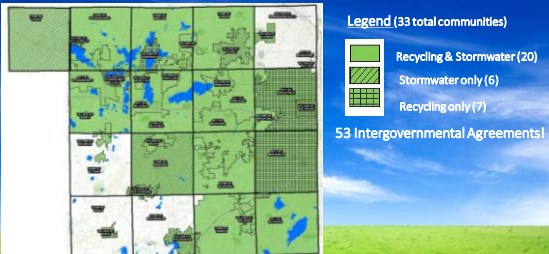
2016 Community Meeting



Presentation Outline

- Introductions
- Recycling Program
- Household Hazardous Waste
- Yard and Wood Waste Composting
- Electronics and Appliance Recycling

Communities Participating in Waukesha County Recycling & Stormwater Education Programs



Legend (33 total communities)

- Recycling & Stormwater (20)
- Stormwater only (6)
- Recycling only (7)

53 Intergovernmental Agreements!

Joint MRF Operations

Processing:

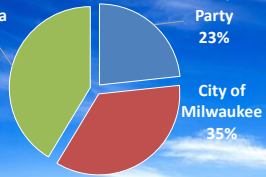
- 300 tons/day
- 35 tons/hour (avg.)
- 65,849 tons (Jan-Nov.)

Receives/Ships

- 65 inbound trucks per day
- 11 outbound trailer/day



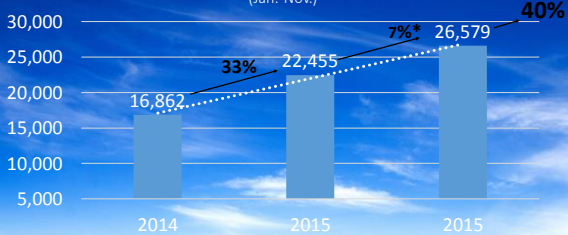
Total Facility Tons (% by source)



Waukesha County Totals

- 115 tons/day (avg.)
- 2,357 tons/month (avg.)
- 7% increase over 2015
- YTD = 26,787 Tons

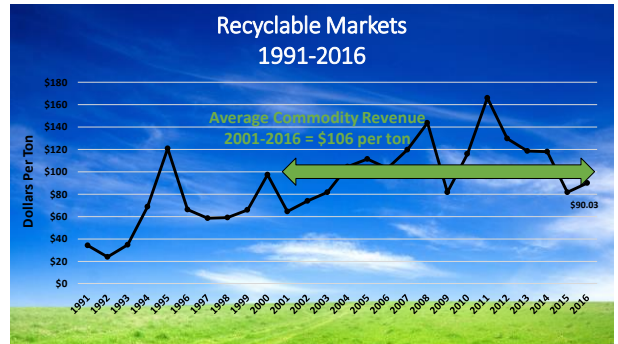
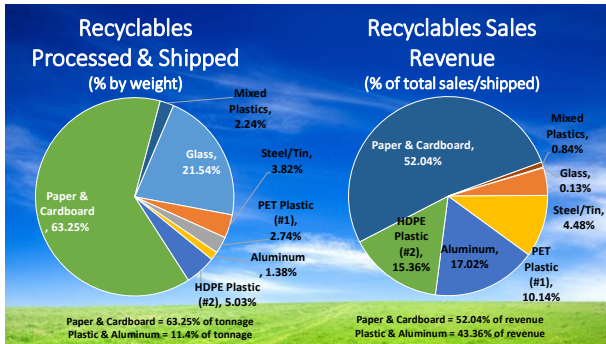
Municipal Partner Recycling Tons (Jan.-Nov.)



2014: 16,862
2015: 22,455
2015: 26,579

33% increase from 2014 to 2015.
7%* increase from 2015 to 2015.
40% total increase from 2014 to 2015.

*Total Increase from 2015-2016 = 18.4% with two new community partners



Recycling Program - Contamination

Cont. Contamination Issues	Impacts
<ul style="list-style-type: none"> Propane Tanks <ul style="list-style-type: none"> Average 60 per day (high = 140) Plastic bags/film Steel/Metal (brake rotors, etc.) Other <ul style="list-style-type: none"> furniture, appliances, electronics, animal parts, carpet, rocks, hoses, tires 	<ul style="list-style-type: none"> Increased disposal costs Damage to equipment <ul style="list-style-type: none"> Increased repair costs Operating downtime <ul style="list-style-type: none"> Increased operating costs Safety hazards to MRF workers



Recycling Program - Battling Contamination

- Propane Tank Recycling Cooperative
- Recycle Right Campaign
- Mobile Application
- Outreach & Education
- Social Media
- Press Release
- Press Conference
- Annual Newsletter

Recycling Program - Battling Contamination

We Appreciate Your Help!

- Continue to enforce collection contracts waste screening protocol
- Providing recycling education
- Liking and sharing social media posts
- Keep promoting the mobile app

Hauler Compliance

- Five (5) complaints
 - Specific to ADS and UTD service
 - All complaints = drivers commingling recyclables with refuse
 - Violation of state law, county ordinance, community contracts
- Evidence
 - <https://www.youtube.com/watch?edit=vd&y=-hw1xK9X7Mw>
 - <https://www.youtube.com/watch?v=64PZ1pmVg-4>
- County Enforcement Action
 - Formal NOV & citation to be issued
 - Required submission of Corrective Action Plan
- Municipal Enforcement Action

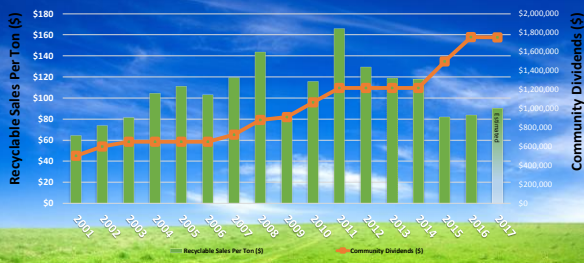
Recycling Program – 2017 Dividend Budget

Base Dividend = \$600,000
 Recycling Incentive = \$570,000
Total Base + Incentive = \$1,170,000

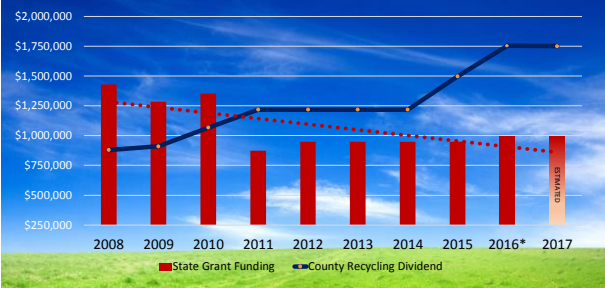
Direct Haul = \$201,000
 Recycling Containers = \$379,000
Total Hauling + Containers = \$580,000

**2017
 Maximum
 Distribution:
 \$1,750,000**

Recyclable Sales Vs. Community Dividends Waukesha County MRF 2001-2017



State Grant Funding vs. Dividend Payments



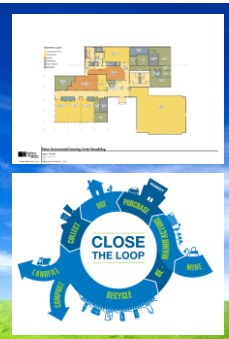
Education & Outreach

- Over **7,000** residents attended a recycling event or program including:
 - MRF tours for **700** residents
 - 102 school programs/assemblies
 - Presentations/Workshops for 58 community groups
 - Presentation/Workshops at 28 community events
- **Outreach:**
 - 35 outreach events (staffed/unstaffed)
 - Estimated reach ~6628 (staffed)



Education & Outreach

- Retzer Nature Center Remodel
 - Incorporate classroom and exhibit space for recycling/water education
 - Space remodel in progress
 - Completed Spring 2017
 - Final exhibit space concepts completed
 - Fabrication & Installation
 - Completed Fall 2017



Future Changes Coming...

- Re-TRAC
 - Required upgrade to new platform (Re-TRAC Connect)
 - Reporting structure/format similar/improved
 - Increased costs for annual subscription
 - Historical data not included/uploaded to new platform
 - County can provide to partners as requested

A Few Reminders...

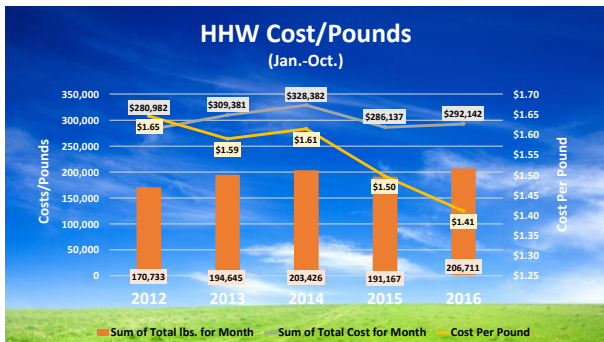
- Contact RSW staff:
 - Changes in drop-off site operations
 - Assistance with parks/event recycling
 - Assistance with promotional/education materials
 - Opportunities for staffed/unstaffed outreach

Household Hazardous Waste

- Implemented changes in 2015 reduced costs \$20,000
- 2016 program costs projected to exceed approved budget
 - Additional 30,000 pounds of materials (estimated)
 - Participation rates relatively stable
- Drafted additional closure protocol
- Currently reviewing other options

Household Hazardous Waste

- 2016 Statistics (January-October)
 - Participation = 4,748 ▲ 1%
 - Pounds Collected = 206,711 ▲ 8%
 - Total Costs = \$292,14 ▲ 3%
 - Costs/Pound = \$1.41 ▼ 5%



Household Hazardous Waste

- Budget
 - 2016 budget increased 4.4% (\$14,000) to \$325,000
 - Intended to provide long term sustainability coupled with implemented changes
 - 2017 = \$325,000
 - No further increased anticipated (long term)
 - Will need to institute additional changes
 - Working with vendor (VES)

Yard & Wood Waste Composting

- Reminder
 - Community cost share increases to \$6/ton for 2017

Compost Site Report (Jan.-Nov.)

Year	Municipal Cost	County Cost	Total Cost	Total Tons
2015	\$6,949	\$37,366	\$44,316	3,665
2016	\$14,502	\$33,057	\$47,540	3,863
Difference			7.28%	5.39%

Electronics & Appliance Recycling

THANK YOU!

- 2016 events successful
- 2017 collection schedule completed
- 2017 Fees will increase:
 - \$25/television
 - \$10/CRT computer monitor

2017 Event Schedule				
Month	Date	Time	Location	Location Address
January	14	9am-12pm	City of Brookfield	19700 Riverview Drive
February	11	9am-12pm	City of Oconomowoc	830 South Worthington Street
March	11	9am-12pm	New Berlin	16550 W. National Ave
April	8	9am-12pm	Village of Hartland	701 Progress Drive
May	13	9am-12pm	City of Muskego	W182 S8200 Racine Ave
June	10	9am-12pm	City of Pewaukee	TBD
July	8	9am-12pm	City of Brookfield	19700 Riverview Drive
August	12	9am-12pm	Town of Merton	N78 W32101 Peterson Road.
September	9	9am-12pm	City of Muskego	W182 S8200 Racine Ave
October	14	9am-12pm	Village of Hartland	701 Progress Drive
November	11	9am-12pm	City of Pewaukee	TBD
December	9	9am-12pm	City of Oconomowoc	830 South Worthington Street

Municipality	Total Collected	Product in LBS	Total Cars
*City of Brookfield	919	110,741	1155
*City of Oconomowoc	115	29,247	198
City of New Berlin	135	45,021	403
*Village of Hartland	1169	107,714	1036
*City of Muskego	685	78,214	368
*City of Pewaukee	1173	116,435	1031
Town of Merton	449	42,326	327
Grand Total	4645	529,698	4518

* Hosted 2 events
City of Muskego second event did not have car count

