



June 10, 2015

Who is CVWMA?

Central Virginia Waste Management Authority

Celebrating 25 Years...Of Regional Collaboration



- A regional Public Service Authority
 - Formed under Va Water & Waste Authorities Act
- 13 member localities – urban, suburban and rural communities
- Population >1,100,000
- 2,500 sq. miles
- 20 member Board of Directors
 - Appointed by local governing bodies
- 13 Employees (11 FTEs)

Benefits of Regional Agency

- Developed, amend, update and maintain the regional Solid Waste Management Plan
- **Compilation of annual regional recycling rate report**
- Procure, negotiate and administer cost-effective programs to benefit multiple localities
 - Offer a menu of recycling and solid waste programs for members
- **Monitor of relevant solid waste legislation**

Central Virginia Solid Waste Management Plan – Background Info

- Solid Waste Planning Regulations – 9VAC20-130
 - Each planning unit (or individual locality) required to develop and maintain Plan
 - CVWMA is designated plan holder (solid waste planning unit) for the regional Plan
 - 20 Year Plan; required updates every 5 years
 - Addresses Source Reduction, Reuse, Recycling, Resource Recovery, Incineration and Landfilling
 - Estimates of Solid Waste Generation based on projected population
 - Plans to meet the Recycling Mandate

SWMP – 5 year Update - 2014

2nd – 5 Year Update - Process

- Collaboration between Member Jurisdictions and CVWMA
- Input from Localities – Letter and Survey sent to Chief Administrative Officers in March 2014 – received responses from all
- CVWMA Staff prepared updates
- Technical Advisory Committee Review and Input
- CVWMA Board approved July 18, 2014
- Submitted to DEQ – August 20, 2014
- Approved by DEQ – May 13, 2015

SWMP Update - 2014

Major Updates and Revisions to the Plan

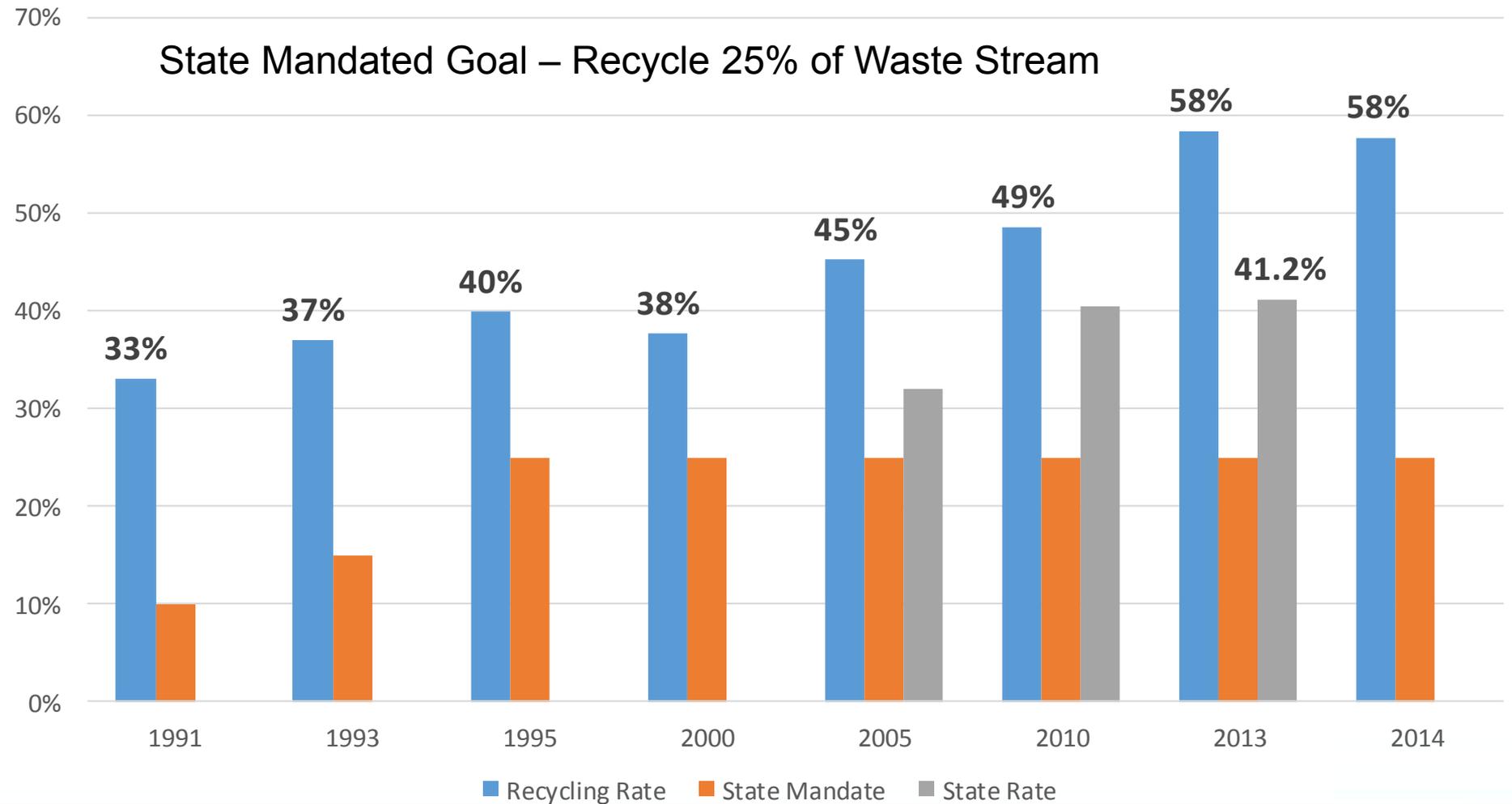
- Planning Period – 2014-2034
- Population Figures – Estimates from Weldon Cooper Center through 2035
- Waste Generation rates – per EPA: 4.38 lbs./person/day
- Legislative Changes to Recycling Mandate since 2003
- Locality Input – incorporated survey responses

Plan will be Available Here:

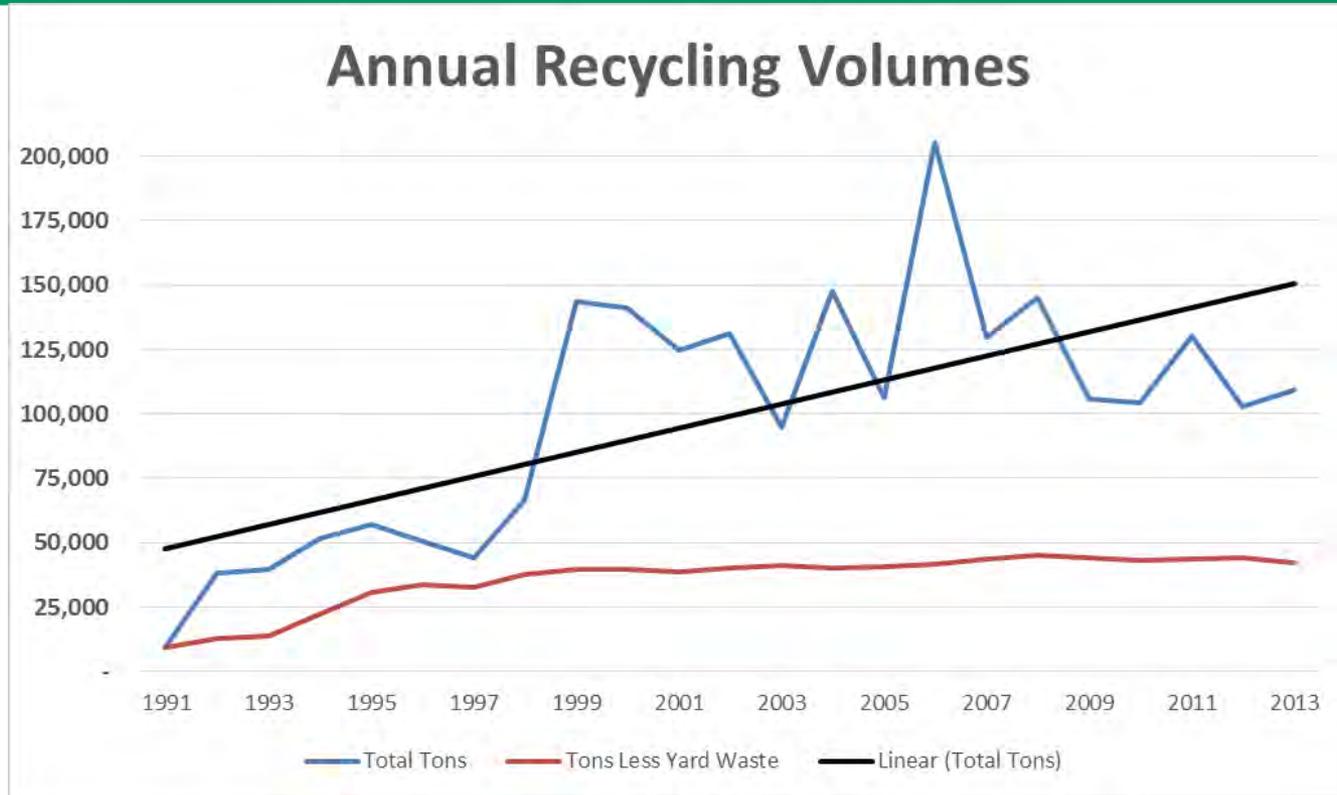
<http://cvwma.com/about-us/solid-waste-management-plan/>

Annual Regional Recycling Rate

State Mandated Goal – Recycle 25% of Waste Stream



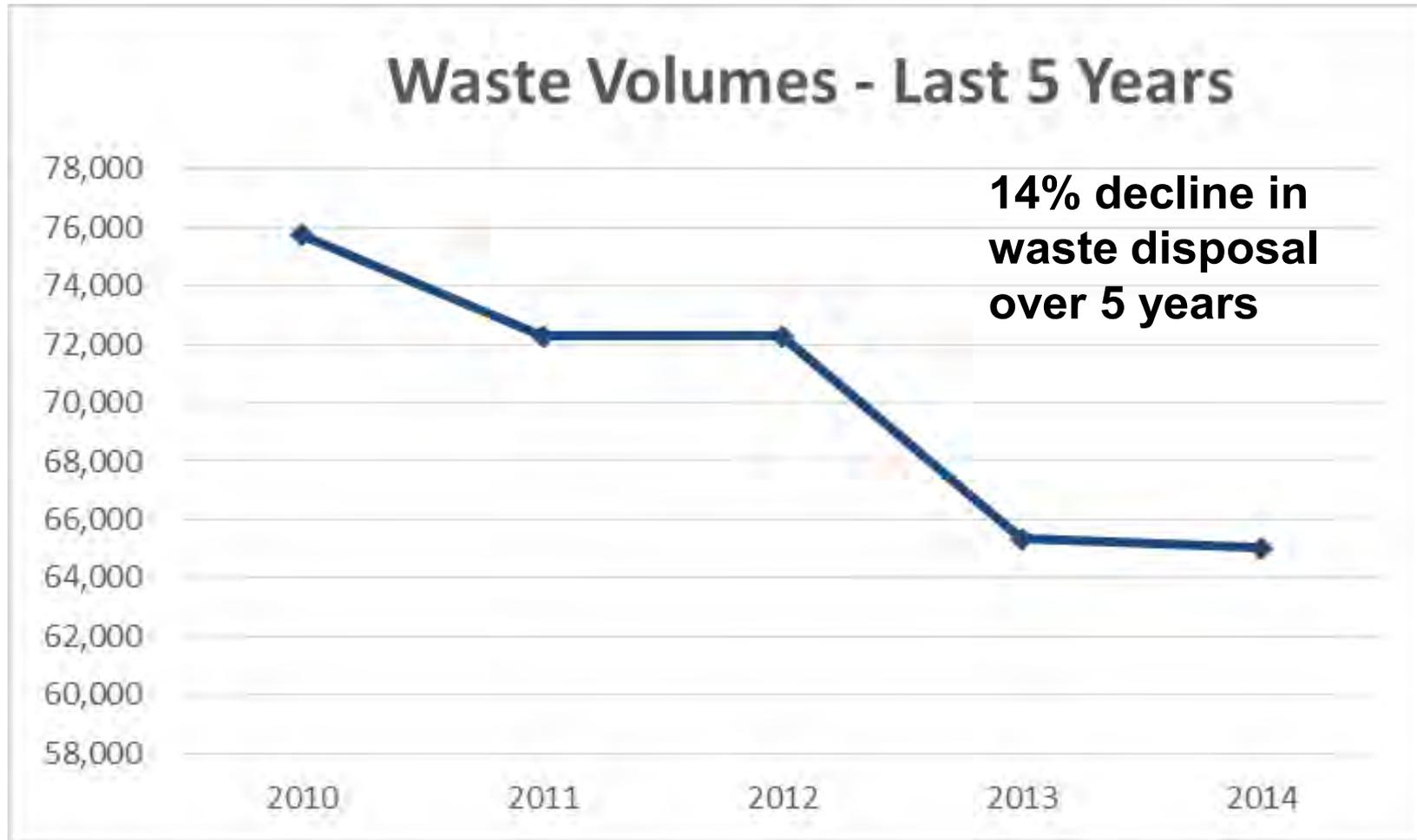
Celebrating 25 Years Of Regional Collaboration



Over **11 million** tons region-wide

Recycled nearly **2.5 million tons** through CVWMA; **750,000** tons of traditional household cardboard, paper, cans and bottles

Celebrating 25 Years Of Regional Collaboration



* CVWMA – trash programs only



Menu of Services

Programs All Contracted with the Private Sector

- Curbside recycling
- Drop-off recycling
- Electronics
- Paint, used oil, oil filters, antifreeze, etc
- Appliances & metals
- Batteries
- CFC/HCFC Removal
- Propane tanks
- Waste Tire Rec
- Textiles
- Yard Waste Grinding
- Residential trash collection
- Solid waste convenience centers
- Disaster recovery

Residential (aka Curbside) Recycling

- Began in 1991 in ~**20,000** households in 7 localities
- Now available to over **275,000** households
- 9 Jurisdictions
- **35,000** tons collected annually
- **Hanover County - ~2,837 homes (adding 420 7/1/15)**

**36,000+ carts 2014;
98,000 by fall 2015**



- Single Stream – 2001
- 24 gallon bins
- 96 gallon cart – 2011 (sale)
 - Col Heights City-wide – 7/2012
 - Ashland Town-wide – 1/2014
 - Richmond City-wide – 7/2015



TFC Recycling – Contractor

- **MRF located in Chester VA**



Accepted Materials

PAPER

- Newspapers
- Mail, Catalogs, Magazines
- Office & Computer Paper
- Corrugated Cardboard Boxes
- Cereal/Dry Food Boxes

GLASS

- Clear, Brown & Green Food & Beverage Containers

METAL

- Aluminum Cans, Aluminum Foil, & Foil Products
- Steel Food & Beverage Cans

PLASTIC

- Narrow-Neck PETE Bottles (soda, water, shampoo, etc)
- Narrow-Neck HDPE Bottles (milk jugs, laundry detergent jugs, etc)

RECYCLE THESE!

- ✓ Cardboard
- ✓ Mixed Paper - newspaper, magazines, catalogs, junk mail, cereal and other paper-board boxes and paper bags
- ✓ Steel & Aluminum Cans
- ✓ #1 & #2 Plastic Bottles (narrow neck) - milk and juice jugs; soda and water bottles, shampoo bottles; detergent bottles
- ✓ Glass Bottles & Jars

BE SURE TO PLACE YOUR RECYCLABLES AT THE CURB BY 7 AM

CVWMA
Call the Recycling Hotline
804-340-0900

DON'T RECYCLE THESE!

- ✗ Plastic Bags - any kind (Recycle at participating local stores)
- ✗ Lids or Caps
- ✗ Food Contaminated Items
- ✗ Styrofoam Items
- ✗ Wax-coated Milk or Juice Cartons
- ✗ Plastic Tubs or Cups
- ✗ Plastic Food Trays or Containers

Visit WWW.CVWMA.COM for more information!



Call Center and Education/Outreach

More Benefits.....



Recycling and Trash Hotline Call Center – 3 ½ staff

- 52,000 calls and 4,200 emails per year
- Distribution of over 11,000 publications/6,599 stickers



Education/Outreach

- Annual Collection Schedule
- Schools – Students/Staff
- Publications/Educational Materials
- Website/Social Media/Email Reminder
- Media – TV/Radio
- Presentations/Events/Scouts

Your 2015 CWWMA Recycling Collection Schedule

Be sure to place your recyclables out by **7:00am** on your collection day. Collections are made once every other week.

Sign up to receive a free email reminder at www.cvwma.com

Your collection day and color are printed on the mailing panel.

RECYCLE THESE ITEMS No Need To Sort!

Paper Cans Cardboard Bottles Plastic Bottles #1 & #2

JANUARY	FEBRUARY	MARCH	APRIL
S M T W T F S # 1 2 3 4 5 6 7 # 8 9 10 11 12 13 14 # 15 16 17 18 19 20 21 # 19 (X) 20 21 22 23 24 # 25 26 27 28 29 30 31	S M T W T F S # 1 2 3 4 5 6 7 # 8 9 10 11 12 13 14 # 15 16 17 18 19 20 21 # 22 23 24 25 26 27 28	S M T W T F S # 1 2 3 4 5 6 7 # 8 9 10 11 12 13 14 # 15 16 17 18 19 20 21 # 22 23 24 25 26 27 28 # 29 30 31	S M T W T F S # 1 2 3 4 # 5 6 7 8 9 10 11 # 12 13 14 15 16 17 18 # 19 20 21 22 23 24 25 # 26 27 28 29 30
MAY	JUNE	JULY	AUGUST
S M T W T F S # 1 2 3 4 5 6 7 # 8 9 10 11 12 13 14 # 15 16 17 18 19 20 # 17 18 19 20 21 22 23 # 24 25 26 27 28 29 30 # 31	S M T W T F S # 1 2 3 4 5 6 # 7 8 9 10 11 12 13 # 14 15 16 17 18 19 20 # 21 22 23 24 25 26 27 # 28 29 30	S M T W T F S # 1 2 3 4 # 5 6 7 8 9 10 11 # 12 13 14 15 16 17 18 # 19 20 21 22 23 24 25 # 26 27 28 29 30 31	S M T W T F S # 1 # 2 3 4 5 6 7 8 9 # 10 11 12 13 14 15 # 16 17 18 19 20 21 22 # 23 24 25 26 27 28 29 # 30 31
SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
S M T W T F S # 1 2 3 4 5 6 # 7 8 9 10 11 12 # 13 14 15 16 17 18 19 # 20 21 22 23 24 25 26 # 27 28 29 30	S M T W T F S # 1 2 3 # 4 5 6 7 8 9 10 # 11 12 13 14 15 16 17 # 18 19 20 21 22 23 24 # 25 26 27 28 29 30 31	S M T W T F S # 1 2 3 4 5 6 7 # 8 9 10 11 12 13 14 # 15 16 17 18 19 20 21 # 22 23 24 25 26 27 28 # 29 30	S M T W T F S # 1 2 3 4 5 # 6 7 8 9 10 11 12 # 13 14 15 16 17 18 19 # 20 21 22 23 24 25 26 # 27 28 29 30 31

KEY

- Red Collection Days
- Blue Collection Days
- Holidays (No Collection)
- Collection Days After Holidays
- Regular Collection on M/L/K Day, Presidents Day, Columbus Day, and Veterans Day

Calendar sponsored by **TTC Recycling** 40 years

See the reverse side for important preparation tips.

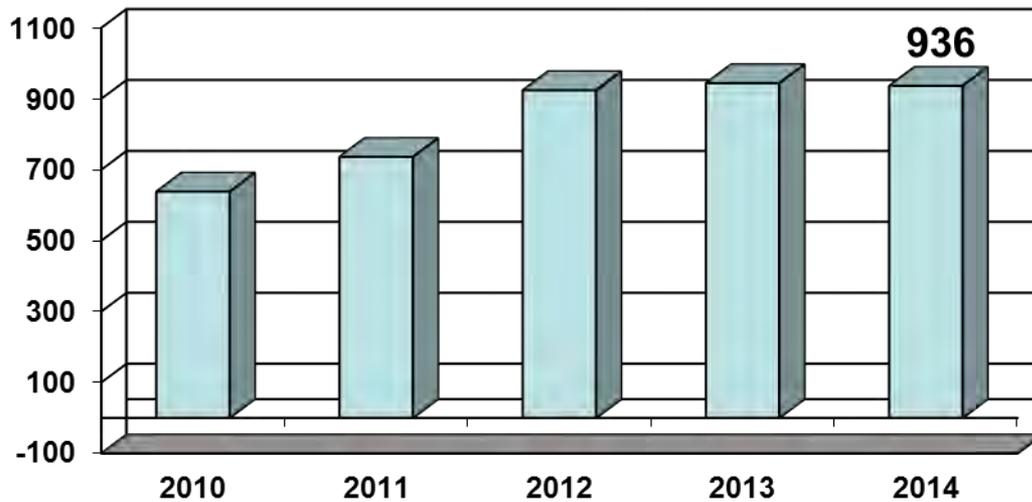
For assistance, please call the Recycling Hotline: 804-340-0900 or visit our website: www.cvwma.com

Drop-Off Recycling

5,118 tons in '14 region-wide;

936 tons in Hanover

- 6 Convenience Center Sites



News and Mixed Paper
Cardboard
Aluminum and steel cans
Plastic bottles
Glass bottles and jars

What Happens to Recycled Materials at the MRF?



**Material Recycling Facility
Chester VA**





MACK
CVA WMA
340-0900
706-5877
1900743579

CVA WMA
340-0900
Recycling And Managing
America's Waste
706-5877

CVA WMA
340-0900

CVA WMA
340-0900





Other Program Statistics

FY 2014

Electronics Recycling	10 tons
Waste Tires	319 tons
Propane Tanks	172 tanks
Textiles	458 tons
Lead Acid Batteries	1,651 units
Yard Waste	8,449 tons
Used Oil/Filters & Antifrz	43,236 gallons
Paint & Solvents	2,530 gallons



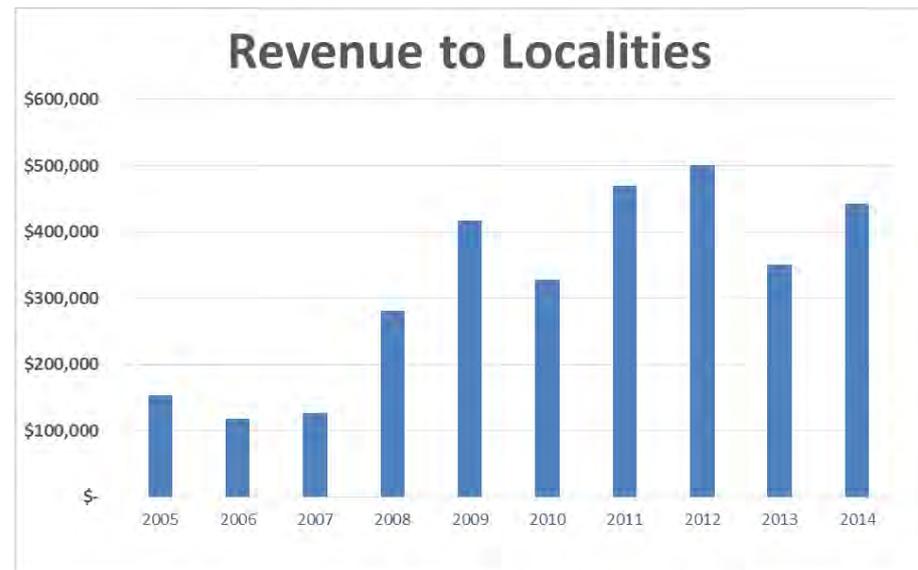
Budget/Finances

Total Operating Budget (2015)	13,274,265
Program (pass through)	12,233,280
Admin, Call Center & Education	1,040,985

Revenue Generated back to Localities

Nearly **\$4 million** provided over 25 years; **\$2,000,000** in the last 5 years

Nearly **\$450,000** back to Hanover





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