



MEMORANDUM

Date: January 28, 2015
To: City of Menasha Common Council
From: Adam Alix, Deputy Director of Municipal Operations
Re: Solid Waste Collection Costs

Attached is a cost summary for City of Menasha curbside collection of residential recyclables, refuse and yard wastes for 2013 and 2014, and anticipated costs for 2015. In addition to showing the amounts collected, you will see the number of residential households or carts serviced.

The first page shows the costs of these services, along with any revenue generated through those expenses, to come up with a net cost to provide the service. The second page is a summary of costs for the sake of comparing them to what the Town of Menasha's residents are being charged for these same services.

Three points to note: First, we have added 16% of the costs incurred under the commercial / overflow refuse as we believe this amount attributes to the collection of residential waste. Secondly, we have included the costs for collecting bulky items as it was difficult to determine a conservative estimate, thus they were left in. For comparison sake, the contractor providing the refuse collection for the Town of Menasha charges \$45.54 to pick up these same type of items. Lastly, the Town of Menasha's yard wastes are collected and hauled away for disposal or composting. In order to effectively compare our costs with the Town of Menasha, we calculated what our costs would be if we were to haul our yard wastes, including what is collected at our drop off site, to the County Landfill for processing. As you can see in bold, our costs have been and are still considerably lower than what the residents of the Town of Menasha have been paying.

Curbside Solid Waste Collections Cost Summary

	2013	2014	2015 Proposed
Curbside Recycle Collection			
Less: Cart Revenue	\$ 111,733.16	\$ 102,034.75	\$ 101,216.50
Net Cost of Collection	\$ 31,915.00	\$ 32,000.00	\$ 32,000.00
Tonnages	\$ 79,818.16	\$ 70,034.75	\$ 69,216.50
	1172.35	1173.92	1350
Residential Refuse			
Less: Revenue(Dumpster Rentals/Tags/Collection fees)	\$ 559,086.52	\$ 571,471.40	\$ 570,777.92
Net Cost of Collection	\$ 63,800.00	\$ 65,800.00	\$ 65,800.00
Residential Tonnage	\$ 495,286.52	\$ 505,671.40	\$ 504,977.92
	4433.45	4597.19	4526.99
Curbside Yardwaste Collection			
Monthly Brush Collection	\$ 70,178.10	\$ 69,364.32	\$ 80,000.00
Spring Clean Up	\$ 9,679.81	\$ 9,205.87	\$ 9,875.00
Fall Leaf Collection	\$ 108,748.29	\$ 105,861.54	\$ 110,000.00
Curbside Yardwaste Collection Costs	\$ 188,606.20	\$ 184,431.73	\$ 199,875.00
Tonnages	1900	1900	1900
Total Curbside Solid Waste Collection Costs	\$ 763,710.87	\$ 760,137.88	\$ 774,069.42
Total Residential Tonnage	7505.80	7671.11	7777.00
# of Carts Serviced	6361	6509	6560
Cost per Cart/Household per Year	\$ 120.06	\$ 116.78	\$ 118.00

Solidwaste/Yardwaste Collection Costs

	2013	2014	2015 Proposed
Curbside Recycle Collection	\$ 79,818.16	\$ 70,034.75	\$ 69,216.50
Residential Solid Wastes - a	\$ 495,286.52	\$ 505,671.40	\$ 504,977.92
Curbside Collection of Yardwastes	\$ 188,606.20	\$ 184,431.73	\$ 199,875.00
Total Cost of Curbside Collections	\$ 763,710.87	\$ 760,137.88	\$ 774,069.42
Plus: Cost to Landfill Yardwastes-b	\$ 52,879.88	\$ 52,879.88	\$ 52,879.88
Total Comparative Costs Costs	\$ 816,590.75	\$ 813,017.75	\$ 826,949.30
Number of Households	6361	6509	6560
Annual Cost per Household	<u>\$ 128.37</u>	<u>\$ 124.91</u>	<u>\$ 126.06</u>
Town of Menasha Cost per Household	<u>\$ 144.84</u>	<u>\$ 155.00</u>	<u>\$ -</u>

a- Estimate 16% of commercial overflow refuse cost to be attributed to residential collection and this amount has been included

b- Assumption made that the Town of Menasha contractor is landfilling yardwastes collected and this figure is an estimation of our cost to haul our yardwastes to the landfill instead of composting it to be able to better compare our costs with the Town's.

January 23, 2015

To: Council Members

From: Public Works Facility

Re: Recycling Updates

In mid-December, Jennifer Semrau, Recycling Specialist, Winnebago County taped a segment of *Your City at Work* for Oshkosh Community Media Services on new recyclable material now accepted and the overall recycling program. This is a very informative summary of the recycling process, acceptable and non-acceptable materials, this year's Recycling Facility expansion and more. A link to the programs is on the Winnebago County Solid Waste website <http://www.WinnebagoCountySolidWaste.com> or view at <http://www.youtube.com/watch?v=f2fDKbHivqc>.

Visit the link to Winnebago County Solid Waste website which addresses the recycling program <http://www.co.winnebago.wi.us/solid-waste/recycling>. A links to the Tri-fold flyer can be found there too or directly via this link http://www.co.winnebago.wi.us/sites/default/files/uploaded-files/all_materials_recycle_guide_2015_web_2.pdf. This handout was supplied to the City of Menasha by Winnebago County and we added it to our Yearly Handout which was delivered to all City of Menasha residents in December. This yearly information packet is also provided to new city residents throughout the year.

Although plastic bags are not allowed in the recycling stream via curbside collection or at our Public Works Facility Recycling Center many retail outlets collect plastic bags of all sorts. Plastic bags and various wraps can be recycled with store bags at retail store kiosks (most often just inside the doorways). Check this link <http://www.plasticfilmrecycling.org> for more information on plastic bag recycling! Within this link you can add your zip code and see the extensive list of retailers who participate in plastic bag and film collection and recycling.

Throughout the year our department continues to educate our current and new residents with the most up-to-date material available. We strive to keep our residents informed with recycling options, mailings, hand-outs, website updates, posters and signage at our facility. New in 2015 we used the city library display case in January, and will use it again in April and December. This display has been a great educational tool that gives viewers a vivid picture of recyclable items. We have heard positive feed-back from the library who heard from visitors about the educational material we supplied along with the display.

We have also send copies of the 2015 Recycling Guide and Update, 2015 Recycling Info, 2015 Recycling Tri-fold (modified), and Plastic Bag and Film Packaging information pages.

2015 RECYCLING UPDATE

With the expansion of the Tri-County Recycling Facility, the recyclable material accepted has expanded to include additional items. Take note of the additional changes to materials and packaging.

-  **PLASTIC BAGS OF ANY COLOR OR TYPE ARE NOT ALLOWED IN THE RECYCLING STREAM.** Recycle plastic bags at participating retail locations.
-  **PLACE SHREDDED PAPER IN A PAPER BAG AND STAPLE SHUT.**
-  **FLATTEN AND CUT BOXES TO 3'X3' OR SMALLER.**
-  **NEW RECYCABLE ITEMS INCLUDE: BAKERY, DAIRY, DELI, AND PRODUCE CONTAINERS & LIDS! MILK, JUICE & SOUP CARTONS!**
-  **CO-MINGLE PAPER PRODUCTS, GLASS, ALUMINUM, TIN, PLASTIC HOUSEHOLD CONTAINERS. Keep it Clean:** empty and rinse all bottles and containers to remove food and liquid. Remove and discard plastic screw caps. No need to remove labels.
-  **ADDITIONAL CONTAINERS THAT DO NOT EXCEED A 50# WEIGHT LIMIT AND HAVE EXTERNAL HANDLES CAN BE USED FOR OVERFLOW RECYCLABLES. A RECYCLING LABEL TO IDENTIFY THE CONTAINER IS AVAILABLE FROM OUR OFFICE.**
-  **USE THE RECYCLING CENTER FOR ADDITIONAL RECYCLING AND LARGE CARDBOARD (which does not need to be broken down). RECYCLING CENTER HOURS DAILY 6:00am - 8:00pm.**

The following items are not recyclable and should be thrown away with your other garbage in the blue refuse cart:

- Plastic Bags
- Plastic Food Wrap
- Aluminum Pans or Foil
- Packing Peanuts
- Bubble Wrap
- Flower Pots and Trays
- Buckets & Pails
- Window Glass
- Plastic Toys
- Styrofoam
- Drinking Glasses
- Vinyl Siding
- Empty Paint Cans
- Ceramics and China
- Tissue Paper
- Paper Contaminated with Food or Grease
- Window Glass
- Plastic Screw Caps
- Gift Wrap



Recycling Made Easy

RECYCLABLE ITEMS MUST BE RECYCLED!

RECYCLABLES CAN NOT BE DISPOSED OF WITH REFUSE.

ALL of these recyclable items can be mixed with Single Stream collection.
Place them loose (do not tie or bundle paper) into the BROWN RECYCLING CART.

RECYCLE THE FOLLOWING CONTAINERS:

Plastic bags of any type or color are not allowed with Single Stream Recycling. Paper grocery bags are acceptable. The only exception is a clear or transparent bag can be used to hold shredded paper only.

- Aluminum Cans
- Glass food and beverage containers (any color) with caps removed
- Tin Cans (labels & lids on)
- Plastic narrow-necked bottles marked #1 and #2 (with caps removed) - except #2 oil, brake, and transmission fluid containers. #2 large opening coffee containers are recyclable
- Aerosol Cans (cap & nozzle removed)

RECYCLE THE FOLLOWING PAPER PRODUCTS:

- Newspaper (all sections)
- Corrugated Cardboard (boxes flattened)
- Magazines & Catalogs
- Junk Mail & Envelopes
- Office & Writing Paper
- Paper Grocery Bags
- Chipboard/Fiberboard (beverage containers, cereal and cracker boxes, etc.)
- Phone Books
- Paperback Books
- Hardcover Books (w/ covers and binding removed)
- Shredded paper (a clear or transparent plastic bag is allowed to hold only shredded paper)

DO NOT RECYCLE THESE CONTAINERS AND PLASTICS

Don't use valuable recycling cart space on items that are not currently collected in Menasha.
(these items should be reused or disposed of as refuse)

- Plastics marked #3 through #7
- Chemical Containers
- Plastic Bags (any color or type)
- Kids toys, baskets, buckets
- Aluminum foil and aluminum cooking trays
- Tops from glass jars and caps from plastic bottles
- Wide-mouth #2 plastic (e.g. butter, ice cream, cottage cheese containers)
- Window glass, ceramics, drinking glasses, mirrors, and light bulbs
- Styrofoam, bubble wrap, packaging bags, etc.

Only narrow-necked containers #1 & #2 are accepted. Plastic containers with openings that are larger than their bottoms (e.g. margarine tubs) should be reused or disposed of in your household refuse. Note: Plastic #2 coffee containers with a neck & base of the same width and a screw-top lid are now recyclable in this area.

DO NOT RECYCLE THE FOLLOWING PAPER PRODUCTS

(these items should be disposed of as refuse)

- Bathroom/diaper paper
- Gift wrap, tissue paper
- Paper with food on it (pizza boxes)
- Paper plates, napkins
- Waxed paper or Waxed boxes
- Frozen food boxes
- Dairy cartons

DISPOSAL OF NEEDLES

Used needles are a hazard! They must NOT be placed in your refuse or recyclables. Contact your local pharmacy or clinic about available disposal options.

KEEP THIS INFORMATION SHEET HANDY FOR FUTURE REFERENCE

