

City of Franklin, New Hampshire  
Municipal Services Department  
Solid Waste Division  
Annual Report, Year # 3

Reporting Period: April 1, 2012 to March 30, 2013 (52 weeks) "Third Annual Report"

Total Municipal Solid Waste 2,523 tons  
(Delivered to Wheelabrator, collected curbside and from the Transfer Station)

Total Municipal Single Stream Recycling 936 tons  
(Delivered to Bestway, collected curbside and from the Transfer Station)

**Total Municipal Solid Waste and Recycling combined** 3,459 tons

Cost Avoidance from Recycling:

(In other words City saved this amount of money by not incinerating trash!)

Period of April 1, 2011 through March 30, 2012 (936 tons at \$66.80 per ton = \$62,525)

\$66.80 per ton x 936 tons = \$62,525 / Recycling tipping fee due to soft market = \$20 x 936 tons = \$18,720

Savings factor is a net of \$43,805

Cost Avoidance Factor from Demolition Material:

(In other words City would be paying \$150 per ton for collection, hauling and tipping fees if we did not purchase hook lift and containers enabling us to collect and haul using city equipment and labor)

Tipping Fee Cost is 634 tons @ \$74 per ton (including hauling fee) = \$46,916

Savings factor for collection and hauling is at \$76 per ton x 634 tons = \$48,184

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Equipment Lease (7 year lease purchase)

7 year lease payment - \$152,702

\*Less combined Cost Avoidance savings \$91,989

Net City pays towards lease after factoring in Cost Avoidance for trash and recycling combined = \$60,713

City owns equipment outright in 2016.

Other Municipal Solid Waste Recycled:

- a. 17 tons of Electronics
- b. 25 tons of Tires
- c. 98 tons of Metal
- d. 355 Cubic yards of clean wood-waste processed in tub grinder (alternative to onsite burning)
- e. 1,400 Cubic Yards of leaves into compost

## **Program Summary – Critique and Challenges**

The Target Goal by weight we aim to achieve of all our Municipal Solid Waste that could potentially be incinerated at Wheelabrator, at a cost of \$66.80 per ton, is 32% by weight. In the report period, the City recycled 936 tons of the total 3,459 tons of trash and recycling combined for Curbside and at the Transfer Station, or a 27% reduction by weight. This is up 2% from the 25% for the previous period. If we had recycled 1,112 tons, or only 241 more tons, we would have met our target goal. Recycling 241 more tons at an incineration cost of \$66.80 per ton will result in an additional \$16,099 savings. How do we achieve this? The answer is being vigilant about how much more we can get out of our burnable Trash Can, diverting it into our Green Lid Recycling Can!!

Annual tipping fee costs, as well as the cost to transport solid waste (estimated at \$15 per ton), will save more money, which the City can put towards other necessary operating costs. It all starts at the Trash Can point of origin!

The Goal of Year # 3 is more Recycling, both Curbside and at the Transfer Station!

## **Other Important facts to consider**

1. In order to improve efficiency and control costs, the City has gone to a 3-day per week curbside pick-up program. We have also cut back at the Transfer Station by going from a 5 to a 3-day schedule, with little noticeable inconvenience to our customers.
2. The visual appearance of the City on curbside trash / recycling collection days is huge.
3. There is not only a cost of \$68.80 per ton to burn our waste, but an additional \$90.00 per ton in collection costs, or another 4 ½ cents per pound.

## **How can you help?**

1. Be vigilant about the quality of material and what you put into your recycling container. Contamination could result in the rejection of a 6-ton load of recyclable material by our vendor! Follow the directions stamped on the Green Container Lid.
2. Use the Transfer Station for excess solid waste and recycling; the City has established a base level of service for residential and commercial curbside pick-up. Excess materials must be brought to the Transfer Station and disposed of by means of separation and recycling, similar to what you do at the curb.
3. Help your neighbor understand the importance of the program and why the city needs to control costs. Non-compliance by a customer takes away from all the others doing their part.
4. Acquaint and educate yourselves and members of your household and guests about the City Program. This can be done by going to the “solid waste disposal” and “recycling” sections of the City Website (Franklinh.org), or by calling the Municipal Services office at 603-934-4103 weekdays 7:30 a.m. to 4:30 p.m., for written information packets.

5. Participate in the “Annual Household Hazardous Waste Collection Day” which is held on the last Saturday in July.
6. Clean up your area where you place your Containers, both at the curb and on your property. Spillage may occur occasionally.
7. Do Not Stuff your Containers! Automated collection works great, but packing the Container too much will prevent it from being all dumped into the truck.
8. Read the Container lid for acceptable / unacceptable materials.
9. Bag your trash and place into your Trash (Grey Lid) Container.
10. Dump your recyclables UNBAGGED into your Recycling (Green Lid) Container.
11. Remember – waste costs money. For every pound of trash that is not recycled, you are throwing away 3 ½ cents, which is the cost of burning it. (\$68.80 per ton or 2000 pounds.)  
\$68.80 divided by 2000 pounds = \$.035 or 3 ½ cents.

Please do your part to save money and keep Franklin clean.

Thank you,

Brian J. Sullivan  
Municipal Services Director