



**Trash &
Recycling:
*Today and
Tomorrow***

FRAMING THE CONVERSATION

The town's trash & recycling costs continuing to increase.

We are reaching our contract period to extend– or not– with our current vendor.

Goals tonight:

- **Talk about current service offerings**
- **Review costs to town**
- **Gather thoughts on missing data points, creative solutions, questions, etc.**

CURRENT CONTRACT

Collection: Contracted with Waste Management through 2021, with options to renew for years 4 & 5

Recycling Processing: Contracted with Waste Management through 2021

Disposal: Contracted with Wheelabrator through 2027



CURRENT SERVICE

Curbside trash pickup (automated trucks) weekly

- Residents receive 64 gallon barrel, one per household, no option to request or purchase another

Curbside single-stream recycling every other week

- Residents receive 96 gallon barrel, one per household, no option to request or purchase another

Bulky Item & White Good pickups

- One per household per week, free of charge and must be scheduled in advance with WM

***NOTE:** Options to purchase second trash barrels and request additional recycling barrels were included when the town adopted automated collection/single stream recycling. However, when yearly billing for the second trash barrels never actually occurred, the Town stopped taking requests for second trash barrels approximately two years after launch. The second recycling barrel option was ended approximately two years ago because of the increased contamination rates.*

CURRENT SERVICE (continued)

Extra trash bags, aka “The Yellow Bags”

- Zero Waste overflow trash bag program
- Residents can purchase 32 gallon trash bags at select retailers (\$2 each in packages of 5 bags)
- Bags are placed curbside right next to barrels and collected on trash day
- Fee covers the cost of the bag, the collection and the disposal of the extra trash, so no additional tax dollars are necessary to adopt the program.

Yard Waste

- Collected curbside every other week from mid-April through early December.

Hazardous Waste Days

- Run once a year by the Board of Health

CONTRACT COSTS

			Year 1	Year 2	Year 3	Option Year 1	Option Year 2
Service		2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
Curbside Trash Collection	Per Month	\$47,422.90	\$48,964.14	\$52,881.28	\$58,169.40	\$63,986.34	\$66,225.87
Curbside Recycling Collection	Per Month	\$30,163.64	\$31,143.96	\$33,635.47	\$36,999.02	\$40,698.92	\$42,123.39
Recycling Processing	Per Ton		\$90.00	\$92.70	\$95.48	\$98.35	\$101.30
11.7% Contamination Processing	Per Ton	\$150.00	\$225.00	\$225.00	\$231.78	\$245.86	\$253.24
Curbside Yard Waste Collection	Per Week	\$8,312.00	\$8,582.14	\$9,268.71	\$10,195.58	\$11,215.14	\$11,607.67
Municipal & School Solid Waste	Per Yard	\$7.30	\$7.54	\$8.14	\$8.95	\$9.85	\$10.19
Municipal & School Recycling	Per Yard	\$4.49	\$4.64	\$5.01	\$5.51	\$6.06	\$6.27
Roll Off Container Haul	Per Haul	\$546.36	\$225.00	\$243.00	\$267.30	\$294.03	\$304.32
Roll Off Disposal Charge	Per Ton		\$77.00	\$79.50	\$82.09	\$84.75	\$87.51
White Good Collection	Per Item	\$28.14	\$29.05	\$31.38	\$34.52	\$37.97	\$39.30
Bulk Item Collection	Per Item	\$22.51	\$23.24	\$25.10	\$27.61	\$30.37	\$31.44

BUDGET IMPACT

FY2021 Projected		FY22 Projected	
Trash Collection	666,304.08	Solid Waste & Recycling Collection	1,199,122.08
Recycling Collection	423,818.94	Solid Waste Disposal	508,968.00
Recycling Processing avg 225 ton/month	254,043.00	Recycling Processing	271,362.00
Contamination Fee at 11.7%	74,321.70	Municipal & Condo MSW & Recycling	201,000.00
White Goods average 200/month	79,080.00	Bulky Items average 600/month	208,728.00
Bulky Items average 450/month	142,317.00	White Goods average 200/month	86,988.00
Yard Waste	324,404.84	Yard Waste Collection 34 weeks	363,982.24
Total CY 2020	1,964,289.56	Cart repairs	30,000.00
Disposal Costs	438,649.20	Roll Off collection & disposal	30,000.00
average 530 ton per month	24,000.00	Total Services	2,900,150.32
Rolloff disposal DPW	2,426,938.76	Trash and Recycling Carts	25,000.00
		Total Supplies	25,000.00
		Total Services & Supplies	2,925,150.32

CHALLENGES: RECYCLING CONTAMINATION

Curbside recycling assumes that residents know what to recycle and what not to recycle.

When something not recyclable ends up in a bin, that entire bin is considered contaminated. Waste Management allows Dedham's recycling to average 10% contamination. Anything over that, we are charged \$231.75/ton for processing.

2019 Contamination
16.4%

2020 Contamination
18.5%

2021 Contamination
Audit conducted in March

Some of the most common contaminants:

- Plastic bags or plastic wrap
- Polystyrene foam
- Containers with food or liquid
- Clothing or other textiles

At one point there was a market for recyclables, meaning the town could actually **MAKE** money by recycling. That changed in 2017/2018 when China limited and then nearly stopped taking in recyclable materials from outside the country. Today there is no market for recyclables and very few vendors willing to accept and dispose of them.



CHALLENGES: SOARING COSTS FOR BULKY/WHITE GOODS PICKUPS

The town pays each time a resident requests pickup of a bulky item or white good.

\$27.61

Bulky item

\$34.52

White good

The town gets charged whether or not the item is at the curb when Waste Management gets there.

Before the Transfer Station closed, we capped bulky item pickups at 100/week.

After the closure, we hit those caps regularly and pickups were delayed.

The caps were lifted and we're now averaging 150/week.

White good pickups average 200/month.

The FY22 budget includes almost \$300,000 for bulky & white good collection.



OPPORTUNITIES AND OTHER OPTIONS

International market forces mean Dedham must work on driving down the amount of trash & recycling we're generating.

Time to get creative!

Compost (home pickup contract or community site)

Better visibility for Buy Nothing or Freecycle sites, community-organized "swaps"

Education on recycling TODAY

Mulch your leaves campaign

Begin discussions with Waste Management & other vendors re: next contract



OPPORTUNITIES AND OTHER OPTIONS (continued)

What do other towns do to ensure residents have access to trash services?

Town trash & recycling programs vary, as do town budgets & expenditures on the services.

Norwood: Curbside pickup at no charge, former dump for dropoff, fee for bulky items & white goods

Westwood: Curbside pickup for a fee, no transfer station, fee for bulky items & white goods

Walpole: Curbside pickup at no charge, no transfer station, no fee for 1 bulky item or white good a week

Boston: Curbside pickup at no charge, no fee for bulky items & white goods

Hamilton becomes first Mass. town to mandate composting

Efforts to collect food waste are ramping up around the state, for environmental and business reasons



Shelley Nanos Globe Staff. Updated February 21, 2021. 5:25 p.m.

Medford Expects To Save Thousands With New DPW Compactor

The DPW replaced its dumpster with a recycling compactor that holds more than five times what the previous bin could store.

QUESTIONS?

SUGGESTIONS?