

CITY OF DOVER

CITY COUNCIL - AGENDA

Meeting Type: Workshop Session
Meeting Location: City Hall, Council Chambers
Meeting Date: **Wednesday, September 4, 2024**
Meeting Time: **7:00 pm**

1. CALL TO ORDER

2. MOMENT OF SILENCE

3. PLEDGE OF ALLEGIANCE

4. ROLL CALL ATTENDANCE

5. PUBLIC FORUM

Taxpayers, Business owners, and Residents are invited to speak on the subject matter of the Workshop. Statements shall be limited to five minutes.

6. DISCUSSIONS

A. REVIEW OF CURBSIDE SOLID WASTE AND RECYCLING SERVICES

B. PROPOSED WASTE MANAGEMENT CONTRACT EXTENSION

7. ADJOURNMENT

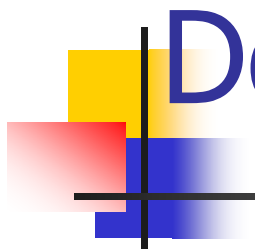
Dover Solid Waste Program

WM Contract Extension Proposal & Feasibility Study Conclusions to Date

(Please Hold Questions until the End)

Solid Waste Advisory Committee &
SWAC Ad Hoc Committee





Dover Solid Waste Program

Solid Waste Contract Extension Proposal

Solid Waste Advisory Committee &
SWAC Ad Hoc Committee

Contract Extension Proposal

% INCREASES

7 Year

TOTAL

COLLECTION

DISPOSAL

FY25
3.2%
2.2%

MANUAL		AUTOMATED				
FY26	FY27	FY28	FY29	FY30	FY31	FY32
3.5%	4.8%	-0.4%	CPI - Est 4.5 % Annually (W-S-T)			
4.3%	5.0%	-2.6%				
1.7%	4.5%	4.5% Est				

2 Year

TOTAL

COLLECTION

DISPOSAL

FY25
3.2%
2.2%

MANUAL		AUTOMATED				
FY26	FY27	FY28	FY29	FY30	FY31	FY32
4.4%	5.0%	?????? Landfill & Incinerator Capacity?? FY28 Manual Needed to Transition at Higher Rate?? Will All Competitors Bid on Disposal?? Transport to Incinerator??				
4.3%	5.0%					
4.6%	5.0%					

* Landfill Slated for Closure ~2034

Contract Extension Proposal

INCREASES

Disposal (\$ / Ton)

REFUSE - 7 Yr

REFUSE - 2 Yr

	FY25	MANUAL			AUTOMATED - Est 4.5% CPI (W-S-T)				
		FY26	FY27	FY25 to 27 Increase	FY28	FY29	FY30	FY31	FY32
		\$87.00	\$90.92	7.0%	\$95.01	\$99.29	\$103.75	\$108.42	\$113.30
	\$85	\$90.00	\$94.50	11.2%	??	??	??	??	??

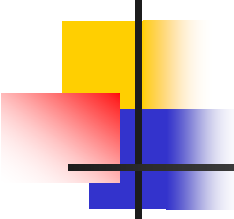
Processing (\$ / Ton)

RECYCLING - 7 Yr

RECYCLING - 2 Yr

	FY25	MANUAL			AUTOMATED - Est 4.5% CPI (W-S-T)				
		FY26	FY27	FY25 to 27 Increase	FY28	FY29	FY30	FY31	FY32
		\$136.25	\$142.38	5.5%	\$148.79	\$155.48	\$162.48	\$169.79	\$177.43
	\$135	\$139.25	\$146.21	8.3%	??	??	??	??	??

* Landfill Slated for Closure ~2034



Contract Extension Proposal

DISPOSAL ESTIMATES

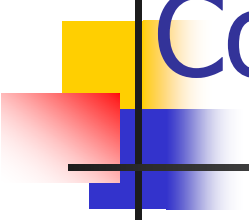
Total Refuse & Recycling

7 Year Proposal

2 Year Proposal

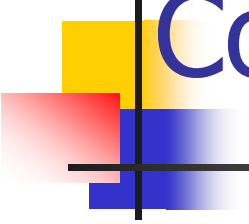
DIFFERENCE

MANUAL		
FY26	FY27	FY26 & 27 TOTAL
\$732,956	\$765,939	\$1,498,895
\$753,815	\$791,499	\$1,545,314
\$20,859	\$25,560	\$46,419



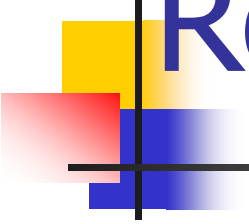
Contract Extension Proposal

- Recycling Center & Recycling and Trash Curbside Collection & Disposal
- Pricing Expires 01 Jan '25
(Truck purchase lead time 2-1/2 – 3 years *~abt now*)



Contract Extension Proposal

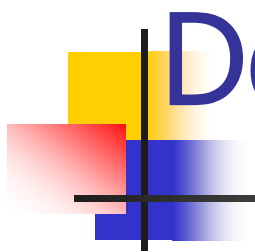
- ~15,800 x 64 gallon toters
 - 1 Recycling + 1 Trash x 7,800 Stops
 - City owns after 10 years
 - Deliver Toters week before starting
- Bulky - ~\$30/item (schedules direct w/ WM)
 - Subsidize? Incremental fee increases on tags?
- Education & Marketing Assistance Provided



Recommendations

- **Pursue the 7 year Extension**

- Ensure interaction/roles for billing
- Ensure effective Code Enforcement
- Explore bulky item price relief
- Explore varying toter sizes vs 64 gal only
- Explore additional Center labor & hours



Dover Solid Waste Program

Feasibility Study Conclusions to Date

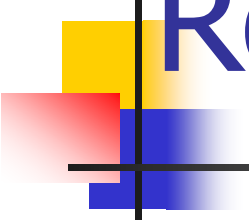
Solid Waste Advisory Committee &
SWAC Ad Hoc Committee

Consultant Workshop – Jan '24

Major Decisions....

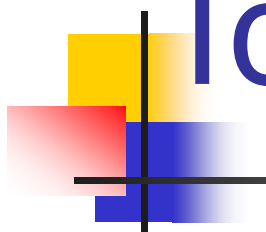


- Collect Method:
 - Trash: PAYT Bag $\leftrightarrow$ PAYT Toter
 - Recyclables: Bin $\leftrightarrow$ Toter
 - Recyclables Frequency: Weekly $\leftrightarrow$ EOW
- Revenue Collection:
 - PAYT Bags $\leftrightarrow$ Utility Billing for PAYT Toters
- Service Provider:
 - Trash: Contractor $\leftrightarrow$ City
 - Recyclables: Contractor $\leftrightarrow$ City



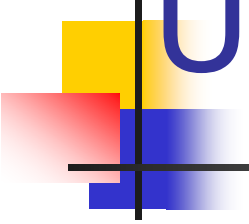
Recommendations

- Toters – Transition to **Toters** in ~3 yrs
(Bag & Tag Supplies = \$165,000)
- Revenue – Transition to **Utility Billing**
for both Trash and Recycling
- Service Provider – Use **Contracted Services** to Provide Services



Toters because....

- Industry trending to automation
Automated Side Loading, Telemetrics & GPS
- High driver turnover and injury rate
- More efficient and contained at curb
- Providers more unlikely to bid manual



Utility Billing because....

- Fund Curbside & Center Operations
- Serialized Toters assigned to addresses
- More precise city budget management
- Provide user cost control & equity
- Compete with private haulers
- **Effective Enforcement** will be needed

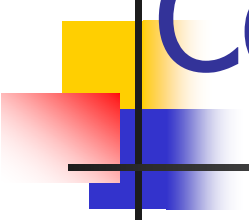
Utility Billing because....

CUSTOMER COST	Per Week	Per Month	Per Year
Private Hauler 1 - 6 bags*	\$8.50	\$36.83	\$442
Private Hauler 2 - 6 bags	\$11.31	\$49.00	\$588

* Trash Only

COST - \$3.0M Revenue	Per Week	Per Month	Per Year
Dover - 7800 Households	\$7.40	\$32.07	\$385
Dover - 7400 Households	\$7.80	\$33.80	\$406
Dover - 7000 Households	\$8.30	\$35.97	\$432

COST - \$3.2M Revenue	Per Week	Per Month	Per Year
Dover - 7800 Households	\$7.90	\$34.23	\$411
Dover - 7400 Households	\$8.35	\$36.18	\$434
Dover - 7000 Households	\$8.80	\$38.13	\$458



Contracted because....

- **KNOWLEDGE, EXPERIENCE & RESOURCES**

- Startup & Operational experience state & nation wide
- Marketing resources for Education & Outreach
- Access to disposal sites is becoming limited
- High labor turnover rates

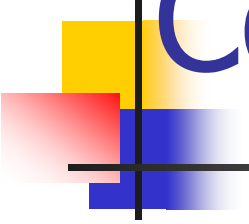
Contracted because....

- SAVINGS CITED IN REPORT ARE NOT LIKELY**

	Report	Ad Hoc	Difference
Collection Vehicles	\$1,800,000	\$2,175,000	\$375,000
Toters	\$816,090	\$1,036,000	\$219,910
Total Capital Costs	\$2,616,090	\$3,211,000	\$594,910

Annualized Capex	\$452,112	\$554,924	\$102,812
Collection Labor	\$370,200	\$489,900	\$119,700
Processing & Disposal	\$754,700	???	
Total Annual Cost	\$2,923,800	\$3,146,312	\$222,512
Contracted Annual Cost	\$3,118,000		

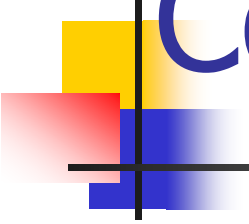
Error @ 3%	\$87,714
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Contracted because....

■ PERSONNEL

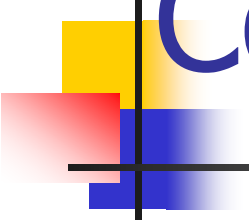
- Four Drivers
- One Mechanic
 - Dedicated to MSW & Specially Trained
- ***One Route Manager***
- ***Driver and mechanic training costs***
- ***High driver and mechanic turnover due to hourly pay rates offered***



Contracted because....

■ PERSONNEL

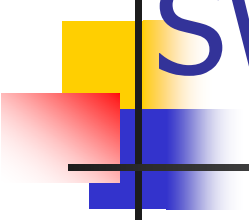
- **Portsmouth** - 12 Employees (~5,000 Households)
- **Durham** – 4 FT+1 PT Employees (~1,900 Households)
- **Dover** – 2 Current Employees (~7,400-7,800 Households)
 - 4 Drivers (***and Toter Repair/Replace?***)
 - 1 Mechanic
 - 1 Route Manager



Contracted because....

■ **EQUIPMENT**

- 5 Automated Side Load Trucks with GPS/Telemetrics
- \$350,000 per Truck (KCI), 18 Month Lead Time
- ***\$435,000 per Truck (CSD) w/ Software
2-1/2 to 3 Yr Lead Time (WM) = *abt now****
- ***Fuel, Insurance, Maintenance Costs***
- ***Facility/Storage needs for trucks & toter inventory***



SWAC FY26 Budget Concerns

- **Recycling Center Hvy Eqpt Operator**
- **Extended Center Hours**
- **City Code Enforcement Officer**
- **Roll-off Container Replacements**
- **Possible Fee Increases**
- **HHW Extended Hours or Add'l Day**
- **Food Composting Program**

SWAC FY26 Budget Concerns

Solid Waste Fund Expenditure Detail Report

Fiscal Year: 2024-2025

From Date: 6/1/2024

To Date: 6/30/2024

City of Dover, New Hampshire

☐ Print accounts with zero balance ☐ Round
☐ Exclude inactive accounts with zero balance
 Definition: FY25 City Council Adopted

Account	Description	FY23 Actual	FY24 Adopted Budget	FY25 City Manager Proposed
3320.1.300.43230.4421.00000.00.000	Waste Disposal Services	\$682,951.85	\$754,700.00	\$771,000.00

Column: [FY25CityCouncilAdopted]

Budget

FTE

Position Desc.

Description:	Contaminated Recycling Disposal 2,600 @ \$135	\$351,000.00
Description:	Household Hazardous Waste	\$50,000.00
Description:	Illegal Dumping Fees	\$30,000.00
Description:	Waste Disposal 4,000 @ \$85	\$340,000.00

Column Total:

\$771,000.00

3320.1.300.43230.4420.00000.00.000 Waste Collection Services

\$7

Column: [FY25CityCouncilAdopted]

Budget

Description:	Curbside collection refuse	\$558,402.00
Description:	Downtown collection	\$27,170.00
Description:	GPS monitoring	\$1,688.00
Description:	Miscellaneous dumpsters	\$2,237.00
Description:	Municipal dumpsters	\$97,177.00
Description:	Yard waste	\$60,777.00

Column Total:

\$747,451.00

\$2.0M Supported by B&T Users

\$772,000 of \$2M
Benefit all Citizens –
ex. businesses, apt & condo dwellers,
private hauler users.

City of Dover, NH Proposed Two Year Extension Plus 5 Year Fully Automated Collection Program - 6/11/2024

	Two Year Extension Manual Collection		Five Year Fully Automated Collection	
	FY 26 Manual Ext.	FY 27 Manual Ext	FY 28 Fully Automated	FY 29 Through FY 32 -Fully Automated
Curbside Collection MSW	\$ 614,282.00	\$ 644,996.00	\$ 672,396.00	CPI - WST
Curbside Collection Recycling	\$ 725,374.00	\$ 761,643.00	\$ 679,811.00	CPI - WST
Roll - Off (Based on 362 Hauls & Rental)	\$ 94,655.00	\$ 99,388.00	\$ 111,850.00	CPI - WST
Containers at Municipal Facilities	\$ 99,132.00	\$ 104,089.00	\$ 105,072.00	CPI - WST
Curbside Collection Yard Waste	\$ 63,816.00	\$ 67,007.00	\$ 63,833.00	CPI - WST
GPS Monitoring	\$ 1,756.00	\$ 1,843.80	\$ 1,917.55	CPI - WST
Total	\$ 1,599,015.00	\$ 1,678,966.80	\$ 1,634,879.55	
		5.00%		-2.63%

* Downtown Receptacles & Various Recycling Carts included in our Collection Pricing

Bulk Collection @ \$30.00 per item

Automated Program initial term 5 years with a 5 year renewal term. City has the option to purchase carts after 5- yrs
City will own carts after 10- yrs.

Residents will call WM to schedule service - WM will collect on an every other week schedule based on volume

Fuel Adjustment Formula

Collection Price is based on actual time and up to 7800 MSW & Recycling carts. Any units serviced (carts) in excess, a per unit increase will apply

Cart pricing is based on current resin pricing and our estimate on what pricing will be in 3 yrs, rates are subject to change

This proposed pricing is valid until 1/1/2025 to secure rates in Years 3 - 7. After 1/1/2025 rates are subject to change.

City of Dover, NH Proposed Two Year Extension Plus 5 Year Fully Automated Disposal & Processing - 6/11/2024

2 Year Disposal \$	\$	90.00	\$	94.50
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2 Year Processing	\$139.25	\$ 146.21
2 Year Transportation	\$ 55.75	\$ 58.54

7 Year Disposal \$	\$	87.00	\$	90.92	\$	95.01	\$	99.28	\$	103.75	\$	108.42	\$	113.30
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7 Year Processing	\$	136.25	\$	142.38	\$	148.79	\$	155.48	\$	162.48	\$	169.79	\$	177.43
7 Year Transportation	\$	54.75	\$	57.21	\$	59.79	\$	62.48	\$	65.29	\$	68.23	\$	71.30

7 year disposal & processing pricing is contingent upon a 7 year Collection Agreement (2 yr extension and 5 yr automated collection program)

This proposed pricing is valid until 1/1/2025. After 1/1/2025 rates are subject to change.

Municipality	Per ton MSW	Per ton Demo/Bulky
Alton	\$81.47	\$88.25
Barrington	\$80.00	\$83.00
Dover	\$85.00	N/A
Durham	\$85.38	\$104.31
East Kingston	\$92.59	\$92.59
Effingham	\$82.00	\$82.00
Exeter	\$85.22	\$85.22
Farmington	\$87.75	\$91.26
Hampton	\$88.00	N/A
Kingston	\$86.10	N/A
Lebanon, ME	\$80.35	\$87.84
Milton	\$106.23	\$110.24
Portsmouth	\$83.86	\$83.86
Seabrook	\$90.00	\$90.00
Southeast Regional	\$85.03	\$100.15
Strafford	\$86.95	\$92.74
Tuftonboro	\$102.79	\$102.79
Average	\$87.57	\$92.45