Study of Franchise Model: Conducted by our consultant Gershman, Brickner, and Bratton Inc. (GBB) on behalf of the City of Burlington, and South Burlington.

Study of Municipal Model: Conducted by DPW staff evaluating the creation of a municipally-operated consolidated collection program.
There are many ways communities coordinate the collection of trash, recyclables and food scraps.

In our City, individual residential property owners subscribe with a local hauler for solid waste services or bring their trash to one of the County's Drop-Off Centers.

According to a survey of 461 communities nationwide, this subscription arrangement occurs only in approximately 11% of communities.

Consolidated collection, on the other hand, is the much more common approach with 83% of the communities having the municipality either collecting waste streams itself or contracting with private haulers.
Consolidated collection has been explored in our region for decades including a county-wide evaluation that ended in 2015.

In April 2018, the City Council passed a resolution requesting the Department of Public Works to undertake a citywide consolidated collection feasibility study with the City of South Burlington and Chittenden Solid Waste District.

Funding for this study were supported through the General Fund recycling budget and split between FY19 and FY20.

The report evaluated a franchised collection model utilizing private haulers. Past materials can be found at:

https://www.burlingtonvt.gov/dpw/Maintenance/Consolidated
- Reduced costs to residents through more efficient collection routes.
- Reduced environmental costs of excess truck traffic (Up to two thirds reduction in greenhouse gasses).
- Reduced impacts on City infrastructure.
- Reduced litter using wheeled, covered carts by all residents.
- Reduced noise in neighborhoods by reducing excess truck traffic.

SUMMARY OF RESULTS FROM THE GBB CONSOLIDATED COLLECTION STUDY
• Increased recycling through direct and consistent education to residents.

• Increased diversion by using consolidated collection as the most cost-effective mechanism to add collection of food scraps.

• Increased safety on local roads through a reduction in excess truck traffic.

• Increased Compliance with state and local mandates.

• Bidding process could offer the opportunity for small haulers to bid for districts.

• Program could allow residents to “opt out” and self-haul to a drop off center. The “opt out” allowance could be capped.
Breakdown of the 83%: Cities through municipality / private haulers under contract

- Municipal/Contracts: 2%
- Municipal: 40%
- Contracts: 58%

*Chart based on survey information provided by the consultant.*
CITY OF BURLINGTON
MUNICIPALLY-OPERATED CONSOLIDATED COLLECTION EVALUATION

- City, CSWD and GBB presented findings of GBB study based on a franchised model to the City Council’s Transportation, Energy & Utilities Committee (TEUC) in Summer 2020
- TEUC requested supplemental study of a municipally-operated model
- City staff completed the analysis and developed a conceptual budget over the fall and winter
- Presented to the TEUC in March 2021
A municipally-operated consolidated collection model can provide similar environmental and cost benefits that were outlined in the GBB study of a franchised model.

The City would need to create a new division or department to support a municipally-operated collection program.

Projected to require 14 new full-time employees, ranging from CDL licensed drivers, manager, customer service/billing personnel, fleet technician, and public outreach/enforcement specialist.

Upfront Capital Cost between $5.9M and $6.7M
- $1.4M for fleet vehicles
- $3.6M - $4.0M for a facility
- $900K - $1.2M for equipment, toters, etc.

Billing / customer services would need to be provided – explored conceptual option of using Water Resources’ Harris Flexi-bill software.
**COST ASSUMPTIONS & COMPARISON**

Current Subscription Monthly Price Range Data Collected By Consultant:
64 Gallon Weekly Trash/Recycling: $28-$49
*These costs do not include the pick-up and disposal of food scraps.

<table>
<thead>
<tr>
<th>Options</th>
<th>Municipal Model 195-201 Flynn Ave 0% Opt Out</th>
<th>Municipal Model 339 Pine St. 15% Opt Out</th>
<th>Municipal Model 339 Pine St. 25% Opt Out</th>
<th>Franchise Model 0% Opt Out</th>
<th>Franchise Model 15% Opt Out</th>
<th>Franchise Model 25% Opt Out</th>
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<tr>
<td>Households Served Weekly</td>
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<td>Resident Annual Cost</td>
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<td>Resident Monthly Cost</td>
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<td>$34.17</td>
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</table>

*The consultant ran the franchise model originally at 0% and 15% opt out. City staff has updated the costs based on updated tip fees and made some initial assumptions on the 25% opt out but are awaiting confirmation from our consultant. The overall cost figures for this 25% opt out scenario are preliminary.*
NEXT STEPS

- April 27: TEUC Meeting - Update
- Additional Research on Operating Models
- May 19: DPW Commission Meeting – Council recommendation
- May 25: TEUC Meeting – Council recommendation
- June: Council presentation with GBB and recommendation
THANK YOU!

If you have any questions, please call or email Lee Perry at Lperry@burlingtonvt.gov
Phone: 802-316-7568