New Franchise Agreement: Recyclables, Organics, and Waste

Town of Truckee
Town Council Meeting
July 25, 2017
Agenda

- Overview of Process, Context
- Review Regulatory Drivers
- Review of Current Services
- Potential Service Changes to Meet Community Commitments
- Requested Council Direction
Waste Collection Negotiations Process

- Existing contract with TTSD expires in 2018
- Community outreach process (2016)
- Sole-source negotiations with TTSD (2016-17)
- TTSD provided pricing on programs to achieve community goals (2017)
- Placer County negotiation/discussion regarding processing capabilities (TBD 2017)
- **Council direction requested to:**
  - Finalize negotiations with TTSD
  - Select service package
Council Approved Process Objectives

- Regulatory compliance
- Reliable, convenient, consistent, high quality services
- Send less to landfill
- Stable, competitive rates
- Modernizing data/reporting
- Modernizing business terms
The Truckee Way

“...united in the desire to preserve and protect the environment and quality of life which makes Truckee an attractive place to live and visit.”

- The Truckee Way

Clear Priorities

No Surprises

Community Outreach & Involvement

Sense of Place

The Truckee Way

Non-Adversarial Decision Making
Commitment to the Environment

• Climate Commitment Discussion
  – Being sustainability-minded is part of Town ethos
  – A healthy environment and our natural resources are some of Truckee’s most valuable resources
  – Truckee has been a regional community leader, ahead of the status quo
  – Climate change, and environmental impacts start at the individual level

“The Town of Truckee has a history of taking actions to reduce GHG emissions, including development of a GHG emissions inventory, energy-efficient building design in the Town Corp Yard, energy efficiency improvements at Town Hall, and prioritizing community recycling and waste reduction efforts.”
-Town Resolution 2017-29

You don't have to do much to do a lot.
Stakeholder Engagement

- **Online Survey**
  - Conducted June-August, 2016
  - Over 500 responses
  - Collect data, educate, innovate

- **Attendance at HOA Events**

- **Public Workshop for Businesses**

- **Public Workshop for Town Council**
Key Stakeholder Takeaways

• Billing transparency, customer service concerns

• Support to move away from bags
  – Primarily from full-time residents
  – Bags costly, hassle, create residual waste

• Blue Bags:
  – 65% of residents set-out blue bags weekly
  – 85% of residents typically set-out 1-2 blue bags

• Green Bags:
  – 8% of residents set-out green bags weekly
  – 92% of residents need 5+ green bags quarterly or less
What is Landfilled?

2014 Statewide % of Landfilled Materials

Inerts & Other 20%
Other Organics 37%
Paper 17%
Plastic 11%
Special Waste & HHW 5%
Metal 3%
Residue 3%
Glass 3%
Electronics 1%

Note: Food is the most prevalent material in “Other Organics”

Source: CalRecycle 2014 Waste Characterization Study
Recent Regulatory Drivers

- **AB 341**
  - Mandatory Commercial Recycling
- **AB 1826**
  - Mandatory Organics Recycling
- **SB 1383**
  - Landfill Organics Phase-Out
- **CalGreen**
  - 65% diversion of C&D
New Regulations Spotlight

Organic Materials

- AB 1826, SB 1383
- Multi-Family & Commercial (2016-2019)
- Single-Family (2021)
- Enforcement requirements on all generators (2021 – 2025)
- Yard trimmings and food scraps under AB 1826
- Some “recyclables” considered “organics” under SB 1383 (e.g. paper, cardboard)

Construction and Demolition Debris (C&D)

- “CalGreen” Building Code (expanded for 2017)
- Increase C&D recycling requirement to 65% (from 50%)
- Recycling tied to facility access
- Biomass markets unsteady
- Lumber, drywall, metals, brick, asphalt, concrete, etc.
Summary of Current Services

- **Recyclables**
  - Blue Bags
  - Commercial Glass
  - Commercial Cardboard

- **Yard Trimmings**
  - Green Bags
  - Dumpster Rental

- **Food Scraps**
  - Yellow Bags

- **Waste**

- **Other Services**
  - Bulky Waste Collection (for a fee)
  - Public Events & Litter Containers
  - Holiday Trees
  - Billing (commercial, residential extras)
  - Customer Service
  - Public Education and Outreach

- HFH
  - Residential
  - Multi-Family
  - Commercial
  - Roll-Off
  - Town Facilities
Requested Service Improvements (Initial Proposals)

- Garbage Cart Collection (no customer cans)
- Recyclables Cart Collection (reduced blue bags)
- Yard Waste Cart Collection (no green bags)
- Free Yard Waste Bin Rentals
- Free Bulky Item Collection
- Multi-Family Recycling Toolkits
- Recyclables Drop-Off Facility
- Expanded Commercial Collection Frequency
- Enhanced Other Administrative Services
Requested Service Improvements
(Negotiated Proposal)

- Recyclables Carts – Certain neighborhoods only
- Recyclables Carts – Town-wide (+ blue bags OK)
- Yard Waste Carts (no green bags)
- Subsidized Yard Waste Bin Rentals
- Free Bulky Item Collection
- Recyclables Drop-Off Facility
- Commercial Recyclables Carts
- Commercial Cardboard-only Bins
- Commercial Food Scraps Carts and Bins
- Commercial Technical Assistance Staff

✓ Alternatives to Bag Programs
✓ Green Waste/Food Waste
✓ Expand Commercial Recycling
✓ Improve Customer Data Tracking
✓ Improve Options for Downtown
NEW: Recyclables Cart Collection

- Residential: Every-other-week
- Commercial: Weekly
- Eliminates Need to Purchase Bags
- Reduces Blue Bag Residual Waste
- Blue Bags OK based on customer preference

Other Options Explored:
- 18-gallon tubs
- Weekly collection
- Wildlife resistant carts
- “Full” indicators
NEW: Recyclables Drop-Off Site

- Additional Recyclables Capacity During Summer Months
- Dumpsters for Recyclables Drop-Off
- Two Secure Locations in Town
- July – August
- Targets Second Home Customers
NEW: Yard Waste Cart Collection

- Residential:
  - Every-other-week
  - May-October
- Increased Yard Waste Capacity
- Eliminates Need to Purchase Bags
- Eliminates Green Bag Residual Waste
Recommended Residential Service Improvements

- Recyclables carts 3-year roll-out
  - Year 1: Glenshire
  - Year 2: Rest of Town (except Tahoe Donner)
  - Year 3: Tahoe Donner
- Yard waste carts Town-wide
- Food scrap collection (pending ERL)
- Subsidized yard waste bin rentals
- Bulky item collection
- Seasonal recyclables drop-off
### Residential Service Improvements

#### Other Options

<table>
<thead>
<tr>
<th>Proposed Impacts – Residential Service Improvements Assuming Year 1 Implementation</th>
<th>Residential Monthly Rate Impact Compared to Current Rate ($)</th>
<th>Residential Monthly Rate Impact Compared to Current Rate (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Base Services</td>
<td>$1.32</td>
<td>6.24%</td>
</tr>
<tr>
<td>+ Recyclables Carts – Glenshire</td>
<td>$0.21</td>
<td>0.99%</td>
</tr>
<tr>
<td>+ Recyclables Carts – Tahoe Donner</td>
<td>$0.81</td>
<td>3.83%</td>
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<tr>
<td>+ Recyclables Carts – Rest of Town</td>
<td>$0.97</td>
<td>4.59%</td>
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<tr>
<td>+ Yard Waste Carts</td>
<td>$1.28</td>
<td>6.05%</td>
</tr>
<tr>
<td>+ Subsidized Yard Waste Bin Rentals</td>
<td>$0.33</td>
<td>1.56%</td>
</tr>
<tr>
<td>+ Free Bulky Item Collection</td>
<td>$0.32</td>
<td>1.51%</td>
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<tr>
<td>+ Recyclables Drop-Off Facility</td>
<td>$0.05</td>
<td>0.24%</td>
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<tr>
<td><strong>Total Potential Residential Impact</strong></td>
<td><strong>$5.29</strong></td>
<td><strong>25.01%</strong></td>
</tr>
</tbody>
</table>

**Note:** All values shown are estimates, final rate impacts to be determined through continued negotiations with TTSD, pending Council approval.
### Residential Service Improvements Rate Impact

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<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>New Base Rate</td>
<td>$25.73</td>
<td>$27.93</td>
<td>$29.73</td>
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<tr>
<td>Estimated Inflation</td>
<td>n.a.</td>
<td>$0.70</td>
<td>$0.74</td>
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<tr>
<td>New Service Improvements Rate</td>
<td>$2.20</td>
<td>$1.10</td>
<td>$0.86</td>
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<tr>
<td><strong>Total Rate</strong></td>
<td><strong>$27.93</strong></td>
<td><strong>$29.73</strong></td>
<td><strong>$31.33</strong></td>
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<tr>
<td>% Impact</td>
<td>14.4%</td>
<td>6.4%</td>
<td>5.4%</td>
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</tbody>
</table>

**Note:** All values shown are estimates, final rate impacts to be determined through continued negotiations with TTSD, pending Council approval.
NEW: Containerized Commercial Food Waste Collection

- Ensures Regulatory Compliance
- Increased Food Waste Capacity
- Holds Food Waste More Efficiently than Yellow Bags
- Eliminates Need to Purchase Bags
- Reduces Yellow Bag Residual Waste
Recommended Commercial Service Improvements

- Mixed recyclables carts
- Cardboard-only bins
- Food scrap carts (Year 2)
- Food scrap bins (Year 2)
- Dedicated technical assistance staff member to promote program participation, and help “right-size”

Sharing the Cost of Achieving Compliance:
Initial reduced TTSD profit, reduced Town fees on Commercial service improvements.
## Commercial Service Improvements

### Other Options

<table>
<thead>
<tr>
<th>Proposed Impacts – Commercial Service Improvements Assuming Year 1 Implementation</th>
<th>Commercial Monthly Rate Impact Compared to Current Rates ($)</th>
<th>Commercial Monthly Rate Impact Compared to Current Rates (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Base Services</td>
<td>($3.66)</td>
<td>(1.42%)</td>
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<tr>
<td>+ Commercial Recyclables Carts (weekly)</td>
<td>$20.53</td>
<td>7.95%</td>
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<tr>
<td>+ Commercial Cardboard-only Bins</td>
<td>$9.20</td>
<td>3.56%</td>
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<tr>
<td>+ Commercial Food Scraps Carts and Bins</td>
<td>$32.34</td>
<td>12.52%</td>
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<tr>
<td>+ Technical Assistance Staff</td>
<td>$4.51</td>
<td>1.75%</td>
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<tr>
<td><strong>Total Potential Commercial Impact</strong></td>
<td><strong>$62.92</strong></td>
<td><strong>24.36%</strong></td>
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*Note: All values shown are estimates, final rate impacts to be determined through continued negotiations with TTSD, pending Council approval.*
### Commercial Service Improvements Rate Impact

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<tr>
<td>New Base Rate</td>
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<td>$342.96</td>
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<tr>
<td>Estimated Inflation</td>
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<td>$7.50</td>
<td>$8.57</td>
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<tr>
<td>New Service</td>
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<td></td>
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<tr>
<td>Improvements Rate</td>
<td>$45.22</td>
<td>$35.59</td>
<td>$9.61</td>
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<tr>
<td><strong>Total Rate</strong></td>
<td><strong>$299.87</strong></td>
<td><strong>$342.96</strong></td>
<td><strong>$361.14</strong></td>
</tr>
<tr>
<td>% Impact</td>
<td>16.1%</td>
<td>14.4%</td>
<td>5.3%</td>
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**Note:** All values shown are estimates, final rate impacts to be determined through continued negotiations with TTSD, pending Council approval.
Sample “Right Sizing” Small Customer

Current Rates

3 Cubic Yard Mixed Waste 1x/week = $258.31

Proposed Rates

3 Cubic Yard Mixed Waste 1x/week = $299.87

OR

96-gal Mixed Waste +
3 Cubic Yard Cardboard +
96-gal Mixed Recy. +
64 Gallon Food Scraps
1x/week = $90.33

Note: All values shown are estimates, final rate impacts to be determined through continued negotiations with TTSD, pending Council approval.
Sample “Right Sizing”
Large Customer

Current Rates

6 Cubic Yard Mixed Waste 1x/week = $476.84

Proposed Rates

6 Cubic Yard Mixed Waste
1x/week = $553.56

OR

3 Cubic Yard Mixed Waste
+ 3 Cubic Yard Cardboard
+ 64 Gallon Food Scraps
1x/week = $347.71

Note: All values shown are estimates, final rate impacts to be determined through continued negotiations with TTSD, pending Council approval.
Other Regional Residential Rates

Regional Residential Waste Collection Rates

Note: all rates assume 2.5% COLA adjustment to reflect FY 18-19 dollars.
Regional Commercial Waste Collection Rates
(3CY 1x/week)

Note: all rates assume 2.5% COLA adjustment to reflect FY 18-19 dollars.
Requested Council Direction

Direct Staff to:

1. Finalize Negotiations with TTSD

2. Move Forward with Recommended Service Improvements:
   - Residential Recyclables Carts – Glenshire (Year 1); Rest of Town (except Tahoe Donner) (Year 2); Tahoe Donner (Year 3)
   - Residential Yard Waste Carts (no green bags)
   - Residential Subsidized Yard Waste Bin Rentals
   - Residential Bulky Item Collection
   - Recyclables Drop-Off Facility
   - Commercial Recyclables Carts
   - Commercial Cardboard-only Bins
   - Commercial Food Scraps Carts and Bins
   - Technical Assistance Staff