

# PAYT –Unit Based Pricing

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Potential for Unit Based Pricing to  
Reduce Trash, Increase Recycling,  
and Save Money for Torrington CT  
11/2000

Gerald Rollett  
Torrington Director of Public Works

# LEVEL OF SERVICE

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- Services included in Tax Base
  - TIPPING FEE for Residential, Commercial and Industrial Properties.
  - Residential Curbside Solid Waste & Recyclables Collection.
  - Spring and Fall Yard Waste Collection.
  - HHW Drop-off Days (two per year).
  - Drop-Site Recycling (Automotive Batteries & Waste Oil)

# TIPPING FEES

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- Municipal Solid Waste: \$50.00/ton
- Non-Processible Waste: \$60.00/ton
- Bulky Waste: \$69.00/ton
- Leaves (@ 500 lbs/cy): \$30.00/ton
- Recyclables: \$ 0.00/ton

# RESIDENTIAL SERVICE

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- Service included in Tax Base:
  - 100% of Tipping Fees
  - Weekly Curbside Solid Waste Collection
  - Weekly Curbside Recyclables Collection
  - Weekly Non-Processible Collection
  - Yard Waste Collection
    - Spring – Two Weeks
    - Fall – Six Weeks
  - Christmas Tree Collection – One Week in January

# RESIDENTIAL ITEMS NOT COLLECTED

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- Bulky Waste (Construction & Demolition Debris)
- Hazardous Waste (Bi-Annual Household Hazardous Waste Days held for Drop-Off)
- Miscellaneous Wastes: (Tires, Automotive Batteries, Medical Wastes)

# RESIDENTIAL PROPERTIES SERVED

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• Single Family:	8,078	8,078 Units
• Multi Family:	1,864	4,113 Units
• Condos:	<u>1,658</u>	<u>1,658</u> Units
• Total Properties:	11,598	13,847 Units

# COMMERCIAL LEVEL OF SERVICE

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- 100% of Tipping Fees in Tax Base
  - Payment of Tipping Fees for Non-Residential users is unique to Northwest Connecticut.
  - Nationwide, Commercial properties typically pay 100% of their own Tipping Fees.

# COMMERCIAL PROPERTIES SERVED

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• Multi-Family:	274	1,330 Units
• Commercial:	1,512	1,512 Units
• Industrial;	141	141 Units
• Tax Exempt:	<u>311</u>	<u>311</u> Units
• Total Served:	2,238	2,238 Units

# TORRINGTON'S ANNUAL SOLID WASTE DISPOSAL

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- Total MSW Generation: 35,000 Tons
- Total Recyclables: 5,400 Tons
- Net MSW Disposal: 29,600 Tons
  
- Recycling Rate: 15.5%
  
- CRRA Commitment: 23,000 Tons

# RESIDENTIAL RECYCLING RATE

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- Total MSW Generation: 35,000 Tons
- Resid. Share of Generation: 43%
- Resid. Share of Disposal: 39%
  
- Annual Resid. MSW: 15,200 Tons
- Annual MSW Disposal: 11,525 Tons
- Annual Recyclables: 3,675 Tons
- Resid. Recycling Rate: 24.2%

# COMMERCIAL RECYCLING RATE

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- Total MSW Generation: 35,000 Tons
- Comm. Share of Generation: 57%
- Comm. Share of Disposal: 61%
  
- Annual Comm. MSW: 19,800 Tons
- Annual MSW Disposal: 29,600 Tons
- Annual Recyclables: 1,725 Tons
- Comm. Recycling Rate: 8.7%

# ANNUAL SOLID WASTE MANAGEMENT COSTS

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- Refuse Collection: \$ 642,000
- Recyclables Collection: \$ 406,000
- Tire Disposal: \$ 150,000
- MSW Disposal: \$1,550,000
- Special Wastes: \$ 25,000
- HHW Disposal: \$ 10,000
  
- Total Costs: \$2,783,000

# ANNUAL RESIDENTIAL SOLID WASTE COSTS

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- Refuse Collection: \$ 642,000
- Recyclables Collection: \$ 406,000
- MSW Disposal (39%): \$ 605,000
- HHW Disposal: \$ 10,000
  
- Total Residential Cost: \$1,663,000

# ANNUAL COMMERCIAL SOLID WASTE COSTS

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- Tire Disposal: \$ 150,000
- Special Waste Disposal: \$ 25,000
- MSW Disposal (61%): \$ 945,000
- Total Commercial Cost: \$1,120,000

# SOLID WASTE COSTS WITHOUT PAYT

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- Maintaining Torrington's current level of service and recycling rates will result in increases in our solid waste management costs.
  - Every year fewer companies are available to bid on solid waste services.
  - Addition of curbside non-processible collection will result in increased costs.
  - Pending closure of the Hartford Landfill will result in increased costs.
- Future Solid Waste Management costs will only increase.

# SOLID WASTE COSTS WITH PAYT

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- Implementing a PAYT system will result in savings in solid waste management costs for Torrington.
  - Increases in recycling participation and rates directly saves in the cost of disposal.
  - As disposal costs increase, the value of increased recycling also increases.
  - Better control and management of solid waste disposal costs will minimize illegal disposal.

# PROJECTED SAVINGS WITH PAYT

Total MSW Generation: 35,000  
Average Disposal Cost: \$52.36/Ton

<u>Recycle Rate</u>	<u>Disposal Tons</u>	<u>Disposal Cost</u>	<u>Projected Savings</u>
15.5	29,600	\$1,550,000	\$ 0.00
20	28,000	\$1,466,000	\$ 84,000
25	26,250	\$1,375,000	\$175,000
30	24,500	\$1,283,000	\$267,000
35	22,750	\$1,191,000	\$359,000
40	21,000	\$1,100,000	\$450,000
45	19,250	\$1,008,000	\$542,000
50	17,500	\$ 916,000	\$634,000

# WHY IS TORRINGTON A GOOD CHOICE FOR PAYT

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- Strong curbside collection and recycling infrastructure.
- Current Waste Hauler experienced with PAYT programs.
- Single Waste Hauler currently under contract for curbside collection.
- Curbside collection program to be Bid in 1.5 years.
- Collection and Disposal costs projected to increase.
- Provides equity in solid waste management costs.

# GOALS IN IMPLEMENTING A PAYT SYSTEM

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- Save Money.
- Increase Recycling Rate.
- Maintain or Increase Level of Service.
  - Develop a Drop-site Recycling Center to allow businesses and residents to drop-off recyclables.
- Formation of a Solid Waste PAYT Committee to investigate and implement system.