

# ANNUAL SOLID WASTE MANAGEMENT and RECYCLING REPORT for MUNICIPALITIES

REPORTING MUNICIPALITY: Town of Cumberland

Report Year: 2013

MUNICIPAL CONTACT PERSON: Christopher Bolduc

Title: Director of Operations

Phone: 207-829-2220

E-mail: cbolduc@cumberlandmaine.com

Mailing Address: 290 Tuttle Road

City/Town: Cumberland

Zip Code: 04021

Please list the web site address(es), if any, used by the municipality to provide recycling and solid waste management information to your residents:

www.cumberlandmaine.com

RECYCLING COORDINATOR ( ☐ Check if not applicable )

Name: Christopher Bolduc

Mailing Address: 290 Tuttle Road

City/Town: Cumberland

Zip Code: 04021

Phone: 207-829-2220

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E-mail: cbolduc@cumberlandmaine.com

*Signature of person completing this form* \_\_\_\_\_

*Printed name of person completing this form* Laura Neleski

Please return one (1) copy of your completed form by April 30, 2014 to:

Susan Alderson  
Maine Dept. of Environmental Protection  
17 State House Station  
Augusta, Maine 04333-0017

**SECTION 1 MUNICIPAL SOLID WASTE PROGRAM INFORMATION**

**A. Municipal Solid Waste (MSW) Collection Practices**

1. Check all that apply to this municipality:

- ☐ Curbside trash pickup provided by municipal employees
- ☒ Municipality contracts with private haulers for curbside trash pickup
- ☐ Residents contract for curbside trash pick up by private haulers
- ☐ Residents drop-off trash at transfer station or landfill.

2. List the names of trash haulers operating in the municipality:

Waste Management  
Pine Tree Waste

3. List name(s) of the facility(ies) where residents and haulers may take the trash:

NA

**B. How are trash disposal costs paid? – Check all that apply to this municipality:**

- ☒ Municipality pays for disposal of residential trash with tax monies or other general revenue
- ☒ Residents pay for trash disposal through a "Pay as You Throw" program. The price per bag is \_\_\_\_\_
- ☐ Residents pay for disposal of trash through private contracts with haulers or through a tipping fee at the receiving facility
- ☐ Municipality pays for disposal of residential construction/demolition debris with tax monies or other general revenues
- ☒ Residents pay for disposal of construction/demolition debris through private contracts with haulers or through a tipping fee at the receiving facility
- ☐ Municipality pays for disposal of commercial trash with tax monies or other general revenue

Businesses pay for commercial trash disposal:

- ☐ through a "Pay as You Throw" program
- ☒ through private contracts
- ☐ Municipality pays for disposal of commercial construction/demolition debris with tax monies or other general revenue
- ☒ Businesses pay for disposal of construction/demolition debris through private contracts with haulers or through a tipping fee at the receiving facility

**C. Recycling Collection Practices**

1. Check all that apply to this municipality:

- ☐ Municipality provides curbside collection of recyclables by municipal employees
- ☒ Municipality contracts for curbside collection of recyclables by private hauler(s)
- ☐ Residents contract with private haulers to provide curbside collection of recyclables
- ☐ Residents drop-off recyclables at transfer station, recycling center or landfill.

2. List the names of recycling collectors operating in this municipality:

Waste Management  
Pine Tree Waste

3. List name(s) of the facility(ies) where residents and haulers may take recyclables (do not include bottle redemption centers):

Ecomaine

**D. Solid Waste and Recycling Ordinances/Requirements – Check all that apply to this municipality:**

- ☐ Municipality has mandatory recycling
- ☒ Municipality has a “Pay As You Throw” (pay per bag) ordinance.
- ☒ Trash haulers are required to register or be licensed with the municipality
- ☐ Municipality requires trash to be taken to a specific transfer station or disposal facility – Facility name \_\_\_\_\_
- ☐ Municipality requires recyclables to be taken to a specific transfer station, recycling center, or processing facility – Facility name \_\_\_\_\_
- ☐ Municipality bans the following items from disposal by municipal ordinance:
- ☐ Describe any additional solid waste and recycling ordinances:

**E. Household Hazardous Waste Collection**

- ☐ Municipality provides for Household Hazardous Waste collection  
 Facility or hosting organization \_\_\_\_\_  
 Frequency of collection \_\_\_\_\_
- ☐ Municipality offers a collection location for mercury-add lamp (fluorescent light bulb) recycling as part of the manufacturer (NEMA) sponsored takeback program.  
 Collection location: \_\_\_\_\_
- ☒ Municipality provides for E-waste collection  
 Facility or hosting organization Public Works Garage  
 Frequency of collection 1 time per year

**SECTION 2 – WASTE GENERATION INFORMATION**

**A. Summary of waste disposed** – In this table enter the amount of waste materials sent from the municipality for disposal at a landfill or waste-to-energy incinerator. The municipality obtained this information from:

- ☐ the haulers that operate in the town  
 - or -  
☒ the receiving facilities

**Table 1 – Waste Disposed**

Waste Type	TONS collected and sent for disposal	Disposal facility name (Landfill or WTE incinerator)
MSW (trash)	1441.91	Ecomaine
Mixed CDD (unprocessed) (may include building materials, furniture & carpet, asphalt, wallboard, pipes, metal conduit, etc.)		
Leaf & yard waste		
Land clearing debris		
Other (list)		
<b>Total disposed</b>		

☐ Check here if the municipality is unable to obtain this information. Explain:

**B. Summary of waste recycled.** In this table, enter information on materials sent for recycling. Use the waste type that best describes the material stream. Leave blank or enter "0" for any waste types you do not ship. **Do not include data twice** (for example, enter either single stream or the separate recyclable types unless residents and businesses used both single stream and source-separated collection systems to manage recyclables).

The municipality obtained this information from:

- ☐ the haulers that operate in the town  
 - and/or -  
☒ the receiving facilities

**Table 2 – Materials Recycled**

Recyclable material type	TONS shipped	Destination(s) (may list brokers or service providers)
Single stream (a.k.a Zero-sort® or "Single sort")	845.0	
Dual sort co-mingled containers		
Dual sort co-mingled paper & Corrugated cardboard (OCC)		
Paper (office & mixed)		
Corrugated cardboard (OCC)		
Newspapers and magazines		
Glass		
Metals (include aluminum cans/foil, steel cans)		
Plastics (Include #1 - #7, rigid plastics and plastic films)		
Clothing/textiles		
Appliances & other scrap metal		
Construction/demolition debris (include asphalt shingles, sheetrock/ wallboard, furniture, mattresses, carpet)		
Other:		
Other:		
Other:		
<b>Total recycled</b>	<b>845.0</b>	

☐ Check here if the municipality is unable to obtain this information. Explain:

**C. Summary of waste sent for processing.**☐ Check if not applicable

The municipality obtained this information from:  
 the haulers that operate in the town  
 - and/or -  
 the receiving facilities

**Table 3 – Waste Processed**

Waste Type	TONS shipped	Processing facility/destination
Mixed CDD (unprocessed) (may include building materials, furniture, carpet, asphalt, wallboard, pipes, metal conduit, etc.)	0	
Wood from CDD	0	
Land clearing debris	0	
Aggregate (includes concrete, bricks, porcelain & incidental rocks/soil/sand)	0	
Other (describe):		
Other (describe):		
<b>Total sent for processing</b>	<b>0</b>	

**D. Summary of waste composted.**☐ Check if not applicable

☒ Check this box if you have submitted a separate annual report for composting and enter your facility license number S-022329-CB-A-P.

Compost site location: 23 DrowneAmounts are ☐ actual - or -☐ estimated**Table 4 – Waste Composted**

Waste Type	Volume received (cubic yards)	Weight* of waste received (tons)	Broker/End-Users
Vegetative (leaf & yard)	1000 cu	225 tons	Residents of Town of Cumberland
Food scraps			
Other organics:	1075 cu	241.8 tons	
(describe): <u>wood chips</u>	300 cu	93.9	
(describe):			
<b>Total composted</b>		<b>560.7</b>	

\*To calculate weight of vegetative waste, multiply volume by 0.225.

To calculate weight of food scraps, multiply volume by 0.85.

Contact Sue Alderson ([susan.a.alderson@maine.gov](mailto:susan.a.alderson@maine.gov), 207-287-2806) for conversion factors for other waste types.

**SECTION 3. MUNICIPAL SOLID WASTE RECYCLING RATE**

Maine law sets a goal of recycling 50% of municipal solid waste generated each year. Municipalities are directed to demonstrate reasonable progress toward that goal. This section provides a model for calculating a municipal recycling rate in accordance with the provisions of 38 MRS § 2132 and §2133.

**Base municipal recycling rate:**

To calculate a base recycling rate for this municipality, use the following steps. Be sure all amounts in your calculations are measured in tons.

Step 1. Divide (tons recycled + tons composted) by (tons disposed + tons recycled + tons processed + tons composted). Use the totals from Tables 1, 2, 3 and 4 in this calculation.  
$$(845+560.7)/(1441.91+845+560.7)=.493$$

Step 2. Add 0.07 to the result of Step 1. (This factor is added to account for the recycling of tires, vehicle batteries, rechargeable batteries, cell phones, and beverage containers handled by Maine's bottle bill program.)  
$$.493+.07=.563$$

Step 3. Multiply the result of Step 2 by 100. The result is the percentage of municipal waste recycled.

The percentage of this municipality's waste recycled is: 56.3

Adjusted municipal recycling rate: **56.3**

Wastes sent to processing facilities may be used create materials that are recycled or utilized as fuel. To calculate an adjusted municipal recycling rate, the municipality may contact the Maine DEP to obtain factors by processor (as available) to apply to the amounts of materials noted in Table 3 as sent for processing to determine the amount of the municipality's materials recycled. These amounts then can be added to the numerator of the initial recycling rate calculation to calculate a more robust municipal recycling rate.

For waste processing adjustment factors, contact Sue Alderson at 207-287-2806 or [susan.a.alderon@maine.gov](mailto:susan.a.alderon@maine.gov).

This municipality's adjusted municipal recycling rate is: 56.3