ANNUAL SOLID WASTE MANAGEMENT and RECYCLING REPORT for MUNICIPALITIES

REPORTING MUNICIPALITY: Town of Cumberland

Report Year: 2014

MUNICIPAL CONTACT PERSON: Christopher Bolduc

Title: Assistant Town Manager Phone: 207-829-2220

E-mail: cbolduc

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:

http://cumberlandmaine.com/government/departments/public-services/waste-disposal-and-recycling/

RECYCLING COORDINATOR (☐ Check if not applicable)

Name: Laura Neleski

E-mail: lneleski@cumberlandmaine.com Phone: 207-829-2220

Mailing Address: 290 Tuttle Road

City/Town: Cumberland Zip Code: 04021

Signature of person completing this form Laura Neleski

Printed name of person completing this form Laura Neleski

Please return one (1) copy of your completed form by April 30, 2015 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. Does your municipality provide trash collection services, either through public works or by contract with a private entity? ☑ Yes ☐ No

2. Do your residents/businesses have the option of directly hauling their trash to the transfer station/disposal facility? ☐ Yes ☑ No

   a. If yes, what percentage haul their own trash? _____ % (estimate)

   b. Do residents/businesses have the option to contract with a hauler? ☑ Yes ☐ No

      i. If Yes, is that hauler required to be licensed by the municipality in order to provide the collection service? Yes

      ii. If Yes, is that hauler required to deliver the collected trash to a disposal site selected by the municipality? Yes

      iii. If No, how do residents/businesses dispose of their trash?

3. List the names and contact information for haulers that collect MSW in your town:

Troiano Waste 10 Filmike Way, South Portland, ME 04106
Pine Tree Waste 87 Pleasant Hill Road, Scarborough, ME 04074
Waste Management 2000 Forest Ave. Portland, Maine 04103

4. List the names and contact information for haulers that collect recyclables in your town:

Troiano Waste 10 Filmike Way, South Portland, ME 04106
Pine Tree Waste 87 Pleasant Hill Road, Scarborough, ME 04074
Waste Management 2000 Forest Ave. Portland, Maine 04103

B. How are trash disposal costs paid?

1. If residents pay for trash disposal through a "Pay as You Throw" program list the bag size(s) and price per bag below:

Bag size	Price per bag
33 Gallons	2.50
14 Gallons	1.25

2. If businesses pay for commercial trash disposal through a "Pay as You Throw" program list the bag size(s) and price per bag below:

Bag size	Price per bag

C. Solid Waste and Recycling Ordinances/Requirements –

1. If you have additional solid waste and recycling ordinances please provide a web address for the ordinances or a brief description if not available on line.

http://www.ecode360.com/search/CU3016?query=waste+and+recycling

D. Household Hazardous Waste Collection

1. Municipality provides for Household Hazardous Waste collection

Facility or hosting organization Clean Harbors

Frequency of collection Annual - Occasional

2. Municipality offers a collection location for mercury–add lamp (fluorescent light bulb) recycling as part of the manufacturer (NEMA) sponsored takeback program.

Collection location: Cumberland Public Works

3. Municipality provides for E-waste collection

Facility or hosting organization North Coast Services

Frequency of collection Annual

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 Sent for Disposal

Waste Type	TONS collected and sent for disposal	Disposal facility name (Landfill or WTE incinerator)
MSW (trash)	1,271.03	EcoMaine
CDD (may include building materials, furniture & carpet, asphalt, wallboard, pipes, metal conduit, etc.)	162.65	EcoMaine
Clean CDD Wood		
Leaf & yard waste		
Land clearing debris		
Other (list)		

☐ **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

	Waste Type	TONS shipped	Destination(s) – May list broker
TRADITIONAL MSW RECYCLABLES	Single Stream /Zero-sort®/Single sort	897.21	
	Dual sort co-mingled containers		
	Dual sort co-mingled paper & OCC		
	Paper (office & mixed)		
	Corrugated cardboard (OCC)		
	Newspapers and magazines		
	Glass		
	Metals cans and aluminum foil		
	Plastics (Include #1 - #7, rigid plastics and plastic films)		
	Clothing/textiles		
	TOTAL MSW RECYLABLES:	897.21	
OTHER MSW RECYCLED	Appliances & other scrap metal (include propane tanks and vehicle batteries)		
	Electronics	8.74	
	Mercury-added lamps		
	Mercury thermostats		
	Other mercury devices		
	Rechargeable batteries and cell phones		
	Tires		
	TOTAL OTHER MSW RECYCLED:	8.74	
CDD RECYCLED	Asphalt shingles		
	Sheetrock / Wallboard		
	Mattresses & Furniture		
	Carpet		
	Processed CDD & Landclearing debris used as fuel		
	Other (describe):		
	TOTAL CDD/LANDCLEARING DEBRIS	0.00	
	Other (describe):		

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

C. Summary of waste composted. ☐ Check if not applicable

NOTE: This section is for compost piles that do not have a separate license. If you have a separate composting license you must report using the appropriate form from this page: *http://www.maine.gov/dep/waste/solidwaste/agroutilres.html*

Compost site location: 23 Drowne Rd. Cumberland **Amounts are** ☐ **actual - or -** ☑ **estimated**

Table 3 – Waste Composted

Waste Type	Volume received (cubic yards)	Weight* of waste received (tons)	Broker/End-Users
Vegetative (leaf & yard)	2,100.00	472.50	Residents of Cumberland
Food scraps			
Other organics(describe):			
Total composted:	2,100.00	472.50	

*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, 207-287-2806) for conversion factors for other waste types.

D. Summary of waste sent for processing, processed on site or beneficially used ☐ Check if not applicable

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

Table 4 – Materials Processed and/or Beneficially Used

Waste Type	TONS Processed	TONS Beneficially used	Processing / Beneficial use facility	Final Use
CDD (unprocessed) (may include building materials, furniture, carpet, asphalt, wallboard, pipes, metal conduit, etc.)				
Wood from CDD				
Land clearing debris				
Food scraps (sent to anaerobic digester)				
Glass (crushed) used as fill				
Street sweepings used as fill	654.30	400.00	Public Works Garage	Drainage Fill
Other:				

SECTION 3 - Calculate Your Municipal Solid Waste Recycling Rates

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

Enter all amounts in TONS – See instructions for conversion factors

Use the tables below to calculate your municipality's (ties') recycling and "diversion from disposal" rates for:

- MSW (exclusive of CDD),
- CDD & land-clearing debris, and
- combined MSW/CDD/land-clearing debris recycling rate.

The left-hand column describes the type of waste and how it is managed. In the center column enter the corresponding amounts for your town/facility, and perform calculations as shown in the right hand column.

MSW disposal	**Amount in tons**	**Factor / Calculation**
MSW landfilled or disposed of at waste-to-energy facilities (from Table 1)	1,271.03	"A"
MSW Recycled and Composted		
Traditional MSW recyclables - Paper, cardboard, plastics, metals, glass and textiles recycled (from Table 2)	897.21	"B"
Other MSW recycled - electronics, white goods and other metals, tires, vehicle batteries, mercury-added products (from Table 2)	8.74	"C"
MSW composted - includes leaf & yard waste, food scraps (from Table 3)	472.50	"D"
Total of MSW recycled or composted	1,378.45	**=B+C+D**
Food scraps sent to an anaerobic digester (from Table 4)	0.00	"E"
Total MSW (exclusive of CDD)	2,649.48	**=A+B+C+D+E**

To calculate the MSW recycling rate (exclusive of CDD):

Step 1. X = ((B+C+D)/(A+B+C+D+E))
Also add "E" into the numerator if MSW sent to Exeter Agri-Energy

Step 2. Y= X+.05 (for 'bottle bill credit')

Step 3. Y x 100 = Municipal MSW Recycling Rate (i.e., percent MSW recycled)

MSW Recycling Rate	57.58 %

If you send food scraps to an anaerobic digester other than Exeter Agri-Energy, calculate your MSW diversion from disposal by adding "E" into the numerator.

MSW Diversion from Disposal Rate	57.58 %

Report for: Town of Cumberland **Year:** 2014

Municipal CDD and Land Clearing Debris Recycling Rate Calculations		
CDD and land-clearing debris disposal	**Amount**	
Mixed CDD landfilled or disposed of at waste-to-energy facilities (from Table 1)	162.65	"F"
Land-clearing debris landfilled or disposed of at waste-to-energy facilities (from Table 1)	0.00	"G"
Total CDD & land-clearing debris disposed	162.65	=F+G
CDD Recycling		
CDD & land-clearing debris recycled (from Table 2)	0.00	"H"
Beneficial Use of CDD and land-clearing debris		
Other beneficial use of processed CDD and land-clearing debris (from Table 4)	0.00	"I"
Total CDD and land-clearing debris	162.65	=F+G+H+I
CDD & land-clearing debris recycling rate	0.00 %	**[(H)/(F+G+H)] x 100 %**
CDD & land-clearing debris 'diversion from disposal' rate	0.00 %	**[(H+I)/(F+G+H+I)] x 100 %**
Total MSW, CDD & land-clearing debris	2,812.13	=A+B+C+D+E+F+G+H+I
Total MSW, CDD and land-clearing debris recycled (including wood waste used as fuel chips)	1,378.45	=B+C+D+H
Total MSW, CDD and land-clearing debris diverted from disposal	1,378.45	=B+C+D+H+I

Combined MSW, CDD & Land Clearing Debris Recycling Rate Calculation	
Combined MSW, CDD & land-clearing debris recycling rate: Step 1. X = (B+C+D+H)/(A+B+C+D+E+F+G+H) Step 2. Y = X + .05 Step 3. Y x 100 = Overall **recycling rate** for MSW, CDD & land-clearing debris	**Recycling rate for MSW, CDD + LCD** 54.02 %
Combined MSW, CDD & land-clearing debris 'diversion from disposal' rate: Step 1. X = =(B+C+D+H+I)/(A+B+C+D+E+F+G+H+I) Step 2. Y = X + .05 Step 3. Y x 100 = Overall **diversion from disposal** rate for MSW, CDD & land-clearing debris	**Diversion from disposal rate for MSW, CDD + LCD** 54.02 %