

**2011 ANNUAL SOLID WASTE MANAGEMENT REPORT for
MUNICIPALITIES and DEP-licensed TRANSFER STATIONS AND LANDFILLS**

REPORTING ENTITY: Town of Cumberland

This report includes information on MSW disposal for the following municipalities:
Cumberland, Maine 04021

This report includes information on RECYCLING for the following municipalities:
Cumberland, Maine 04021

DEP LICENSE NUMBER (if applicable) _____

A. CONTACT PERSON: Christopher Bolduc Phone: 207-829-2220

Title: Director of Public Services Cell phone: 207-232-5919

Mailing Address: 290 Tuttle Road E-mail: cbolduc@cumberlandmaine.com

City/Town: Cumberland Zip Code: 04021

B. TRANSFER STATION or LANDFILL MANAGER (☒ Check if not applicable)

Name:

Mailing Address: Phone:

E-mail: Cell phone:

C. RECYCLING COORDINATOR (☐ Check if not applicable)

Name: Christopher Bolduc E-mail: cbolduc@cumberlandmaine.com

D. RECYCLING COMMITTEE CHAIR: (☒ Check if not applicable)

Name: E-Mail:

F. Please list the web site address(es), if any, used by the reporting entity to provide recycling and solid waste management information to your residents: www.cumberlandmaine.com

Signature of person completing this form _____

Printed name of person completing this form: **Laura Neleski**

Please return two (2) copies of your completed form (3 copies for landfill reports) with the required annual report fee (if any) by April 30, 2012 to:

Vicky Bryant
Maine Dept. of Environmental Protection
17 State House Station
Augusta, Maine 04333-0017

SECTION 1 SUMMARY OF WASTES RECEIVED AND DISPOSITION**A. Summary of waste recycling and disposal.**

Waste Type	Origin by state or province	TONS received residential	TONS received commercial	Destination(s) (may list broker for recyclables)	Transporter(s) (leave blank if list broker in previous column)	Final use/disposition* (D, R, C, B, E, O, or A)
MSW	Cumberland	1546.05	0	Ecomaine	Pine Tree Waste	D
Mixed recyclables/ Single Stream	Cumberland	790.97	0	Ecomaine	Pine Tree Waste	R
Co-mingled containers						
Co-mingled paper & OCC						
Office paper grade						
Mixed paper grade	Cumberland	.73		Ecomaine	Pine Tree Waste	R
Corrugated cardboard (OCC)	Cumberland	159.83		Ecomaine	Pine Tree Waste	R
Mixed newspapers and magazines						
Newspapers (ONP)	Cumberland	481.92		Ecomaine	Pine Tree Waste	R
Magazines (OMG)						
Mixed glass	Cumberland	38.83		Ecomaine	Pine Tree Waste	R
Clear glass						
Green glass						
Brown/amber glass						
Mixed household metals						
Aluminum cans/foil	Cumberland	.37		Ecomaine	Pine Tree Waste	R
Steel cans	Cumberland	19.01		Ecomaine	Pine Tree Waste	R
WTE metal recovered						
Mixed plastics						
PETE/ PET (#1) plastic	Cumberland	5.19		Ecomaine	Pine Tree Waste	R
HDPE (#2) plastic	Cumberland	7.56		Ecomaine	Pine Tree Waste	R
PVC (#3) plastic 3-7	Cumberland	13.18		Ecomaine	Pine Tree Waste	R
LDPE (#4) plastic	Cumberland					
Tires	Cumberland	27 units			Stratham Tires	
White goods & scrap metal	Cumberland	8.74 tons			Perry's & Schnitzer's	
Vehicle batteries	Cumberland	26 units			Mainely- Batteries	

*Enter code: D=disposed, R=recycled, C=composted, B=beneficial use, E=fuel chip used for energy (wood & tires only); O=burned on-site (wood only); or A= Alternative Daily Cover

Table continues on next page...

Waste Type	Origin by state or province	TONS received residential	TONS received commercial	Destination(s) (may list broker for recyclables)	Transporter(s) (leave blank if list broker in previous column)	Final use/disposition* (D, R, C, B, E, O, or A)
Mixed CDD (unprocessed) (may include building materials, furniture & carpet, asphalt, wallboard, pipes, metal conduit, etc.)	Cumberland	10.93		Mid-Maine Waste Action Corp.	Pine Tree Waste	
Wood from CDD						
CDD processing residue - fines						
CDD processing residue – bulky waste						
CDD processing residue – other						
Asphalt shingles						
Sheetrock/wallboard						
Furniture						
Carpet						
Other assorted wastes						
Leaf & yard waste	Cumberland	1000cy		Residential Use	Residents	C
Land clearing debris						
Burn pile ash and/or hot loads area ash						
Aggregate (includes concrete, bricks, porcelain & incidental rocks/soil/sand)						
Cooking oil/grease						
FEPR						
MSW bypass						
MSW incinerator ash						
Coal, oil, & multifuel boiler ash						
Municipal WWTP/POTW sludge						
Industrial WWTP sludge						
Catch basin grit & street sweepings	Cumberland	311.25 cy		Stays in town		B
Other** (list)						

*Enter code: D=disposed; R=recycled; C=composted; B=beneficial use; E=fuel chip used for energy (wood & tires only); O=burned on-site (wood only); or A= Alternative Daily Cover

**Landfills – attach additional sheets as needed to detail all types of wastes accepted by state/province of origin.

Landfills only - Additional information on wastes received

Breakdown by facility of origin for MSW by-pass and FEPR

Waste Type	Amount Landfilled (note whether tons or cubic yards)	Origin by state or province	Facility of Origin
MSW By-Pass			
FEPR			

Landfill Capacity Summary

MSW* Recycled (tons)		NOTE: If reporting in tons, please provide the latest 'in place weight/volume' calculation so that the remaining airspace in cubic yards may be determined.
Landfill capacity used by daily cover – this year (cubic yards)		
Landfill Capacity used by waste - this year (cubic yards)		
Total landfill capacity used – this year (cubic yards)		
Total landfill capacity used (cubic yards)		
Constructed landfill capacity remaining (cubic yards)		
Total licensed landfill capacity remaining (cubic yards)		

*do not include tires or composted materials.

B. Percentages by municipality: If this report includes data for more than one municipality, list each municipality and the percentage (please note as actual or estimated) of the total recyclables from each municipality:

Report for: _____ Date: _____

C. Universal waste handling - Provide a summary of universal waste handling activities, including the types of universal waste accepted and the amounts from residences and businesses sent for recycling. You can refer to your waste shipment records for this information.

This facility accepts Universal Wastes from: (check all that apply)

☐ Households ☐ Businesses ☐ Municipal buildings/schools ☒ N/A (Direct elsewhere)

Waste Type	Amount received from households	Unit of measure	Amount received from businesses, municipal buildings and schools	Unit of measure	Consolidator or other destination
Monitors and TVs					
Computers and peripherals					
Mercury lamps		linear feet		linear feet	
Compact Fluorescent Lamps		units		units	
Mercury thermostats					
Other mercury devices					
Batteries					
Intact PCB ballasts					
Other: _____					
Other: _____					

If you do not accept Universal Wastes at your facility, where do you direct your residents and businesses to deliver these products? Riverside Recycling Facility

D. Waste Oil Management: ☐ Not Applicable

Gallons removed by licensed transporter	250
Gallons burned on site in waste oil furnace	615
Gallons burned by municipality off-site	
Gallons burned off-site by other entity	

Name of transporter: Safety Kleen
Cyn Oil Corporation

SECTION 2 REUSE ☒ Not Applicable

Please describe any reuse opportunities for 'items salvaged', as may be provided/managed through a 'Swap shop/bargain barn' or 'casual program', including charity collection boxes, at this transfer station or recycling center.

Tons NA **Estimated?** Yes ☐ No ☐ **Use a Building?** Yes ☐ No ☐

Report for: _____ Date: _____

SECTION 3 COMPOSTING

Municipal Program _____ Not Applicable

List participating municipalities: _____ Cumberland _____

Waste Type	Amount accepted*	Units of measure	Amount of compost shipped	Units of measure	Broker/End-User
Leaf & yard waste	1000	Cubic yards	NA		Composted for residents
Food Waste	0				
Other Organics (describe): Manure	500	Cubic yards	NA		Composted for residents
Wood Chips	214	Cubic yards	NA		Composted for residents

*actual or estimated? Actual _____

Backyard composting - CREDITS _____ Not Applicable

List municipalities with a backyard compost education program: Cumberland

(Must attach sample of flyer/media, to receive recycling credit)

List municipalities that ban disposal of leaf/yard waste: NA

What percentage of households has a backyard compost pile? _____% (Copy of survey must be submitted)

What percentage of households received a backyard compost bin this year? _____ before this year?

SECTION 4 - ADDITIONAL INFO. ON MUNICIPAL SOLID WASTE MANAGEMENT PROGRAM

Municipal Solid Waste (MSW) Collection Practices of Member Communities	
List municipalities which provide curbside trash pickup by municipal employees	NA
List municipalities which contract for curbside trash pickup by private hauler(s)	Cumberland
List municipalities in which residents contract for curbside trash pick up by private haulers	NA
List the names of haulers operating in municipalities	Pine Tree Waste Management
List municipalities in which residents drop-off trash at transfer station	NA
Estimate MSW taken directly out of communities for disposal by private hauler(s) as a percent of total	100%

SECTION 4 (con't) - ADDITIONAL INFO. ON MUNICIPAL SOLID WASTE MANAGEMENT PROGRAM

How are trash disposal costs paid?	
List municipalities that pay for commercial trash disposal	NA
List municipalities in which businesses pay for commercial trash disposal	Cumberland
List municipalities which have a "Pay As You Throw" program for residents and the price per bag for each.	PRICE: \$1.25 for 14 Gallon bag / \$2.50 for a 30 Gallon bag

Recycling Collection Practices of Member Communities	
List municipalities which provide curbside collection of recyclables by municipal employees	NA
List municipalities which contract for curbside collection of recyclables by private hauler(s)	Cumberland
List municipalities in which residents contract with private haulers to provide curbside collection of recyclables	NA
List the names of haulers	Pine Tree Waste Management
List the municipalities in which residents drop-off recyclables at transfer station or recycling center	NA

Household Hazardous Waste Collection	
List municipalities that provide for Household Hazardous Waste collection	NA
Total cost	NA
Facility or hosting organization	NA
Frequency of collection	NA

Program information	
Solid Waste Program Expenses:	\$506,803.00
Income from Recycling:	\$998.00
List municipalities that have mandatory recycling	NA
List municipalities which have any other solid waste and/or recycling ordinances	Cumberland
List municipalities which have any items banned from disposal of by municipal ordinance, and the items they ban.	Cumberland, Hazardous Waste, Construction Debris

Please attach a copy of your program's annual financial report.

SECTION 5 - Additional Reporting Requirements for DEP-licensed Transfer Stations

1. Provide a summary of factors which affected the operation, design, and/or environmental monitoring program.

NA

2. Operations

- A. Submit copies of reports prepared in accordance with the transfer station or storage facility's Hazardous and Special Waste Handling and Exclusion Plan. NA
- B. Report on deviations from approved operations manual and proposed changes in operations and/or operations manual. NA

Past Year Deviations

NA

Proposed Changes

NA

3. Summary of staff training provided on operation or maintenance of the transfer station.

NA

4. Summary of all spills, fires and/or accidents on-site.

Spills NA

Fires NA

Accidents NA

5. Provide verification of 2 feet till soil between waste, and seasonal high water and bedrock if one or more base pads for storage of non-containerized waste is used.

NA

6. Design

If any aspect of design was changed, please submit as-built plans and a narrative on these changes (proposed design changes for current year may be described).

NA

Report for: _____ Date: _____

7. Monitoring (if facility has a monitoring plan).

Evaluation of past year's monitoring results, monitoring program and equipment; recommended changes may be submitted. Attach additional sheets or provide a separate attachment if additional space is needed.

Monitoring Results NA

Monitoring Program NA

Equipment NA

8. Recommended Changes for transfer station (if any)

NA

9. Comments: Please describe any recent improvements in your solid waste and recycling program. Include future plans or concerns for your program.

NA _____

SECTION 6. Additional Reporting Requirements for DEP-licensed Landfills

Pursuant to 38 MRSA §1310-N(6-D), an annual report and fee shall be submitted by the landfill operator to the Department for review and approval. The annual reporting requirements for landfills are as follows (as listed in Chapter 401, section 4.D of the *Solid Waste Management Regulations*):

(1) General. The annual report must include:

- (a) A summary of activity at the landfill during the past year. This shall include a narrative describing any factors, either at the landfill, or elsewhere, that affected the operation, design or monitoring programs of the landfill.
- (b) An evaluation of the landfill's operations to verify compliance with the approved operations manual, licenses, and regulatory requirements. This evaluation shall be performed either by qualified facility personnel or a qualified consultant.

(2) Operations. As part of the annual report, the following operational information is required.

- (a) A summary of the type, quantity, and origin of waste received (*reference tables in Section 1*);
- (b) Estimates of the capacity of the landfill used during the past year and of the landfill's remaining capacity (*reference tables in Section 1*);
- (c) A description and estimate of the amount of cover material used in the past year (*reference tables in Section 1*);
- (d) A summary of changes in the operations manual during the past year as submitted pursuant to section 4.A(2);
- (e) Proposed changes to the operations manual or other aspect of the landfill's operations;
- (f) A summary of responses to spills, fires, accidents, and unusual events that occurred at the landfill in the past year;
- (g) Updated cell development plans, highlighting any changes to the approved plans and including detailed plans for the subsequent two year period. Approved plans need to be updated whenever variabilities in waste disposal rates and other operational factors cause development to vary more than 6 months from projected timelines. Detailed plans must include a narrative and drawings that address: layout of the cells, projected grades, location and timing of intermediate and/or final cover, location and construction of cell access, any relevant aspects of leachate and stormwater management measures, any relevant aspects of erosion and sedimentation control measures, and other pertinent facility-specific features.
- (h) Copies of reports prepared in accordance with the landfill's Hazardous and Special Waste Handling and Exclusion Plan;
- (i) A report on the results from the inspections and testing required by section 4.C(12), including a report stating the date and findings associated with the annual inspection and cleaning, if necessary, of the leachate collection, detection, and transport systems; and
- (j) A description of system failures and documentation of repair measures to those systems.

- (3) Facility Site Changes. The annual report must document minor changes to the facility site not requiring departmental approval that have occurred during the reporting year. Also, minor aspects of the facility site proposed to be changed in the current year may be described in the annual report. Changes handled in this manner are those that do not require licensing under minor revision or amendment provisions of Chapter 400.
- (4) Monitoring. The following monitoring information must be included in the annual report. If any of this information is submitted with the facility's periodic monitoring reports, only a summary of that information is required in the annual report. Evaluations must be done in accordance with all approved monitoring plans for the landfill.
- (a) An evaluation of data gathered for each surface water and ground water monitoring point for the landfill, including a statistical analysis of the data where appropriate.
 - (b) An evaluation of the quantity and quality of leachate generated by the landfill during the past year, including a comparison of the past year's leachate monitoring results to previous years' results.
 - (c) An evaluation of the quantity and quality of liquid found in the leak detection and removal system during the past year, including a comparison of the past year's results to the previous years' results.
 - (d) An evaluation of the gas monitoring results for the past year, including a comparison of the past year's results to the previous years' results.
 - (e) An evaluation of the air monitoring results for the past year, including a comparison of the past year's results to the previous years' results.
 - (f) An evaluation of the condition of each monitoring well.
 - (g) Any changes to any aspect of the approved monitoring programs proposed in response to the changes in operation or design of the landfill, or environmental effects attributable to the landfill or its ancillary structures.
 - (h) An evaluation of the stability and settlement monitoring data collected at each monitoring point.
- (5) Financial Assurance. The landfill owner or operator must submit an annual update on cost and documentation of any changes made to the financial assurance instrument in accordance with Chapter 400, section 11.