

Report for: LAMOINE Date: February 18, 2011

**2010 ANNUAL SOLID WASTE MANAGEMENT REPORT for
MUNICIPALITIES and DEP-licensed TRANSFER STATIONS AND LANDFILLS**

REPORTING ENTITY: Lamoine

This report includes information on MSW disposal for the following municipalities: Lamoine

This report includes information on RECYCLING for the following municipalities: Lamoine

DEP LICENSE NUMBER (if applicable) S-020936-WH-A-N

A. CONTACT PERSON: Stu Marckoon Phone: 207-667-2242

Title: Adm. Asst. to the Selectmen Cell phone: 207-266-0353

Mailing Address: 606 Douglas Hwy. E- mail: town@lamoine-me.gov

City/Town: Lamoine, ME Zip Code: 04605

B. TRANSFER STATION or LANDFILL MANAGER: William P. Fennelly

Mailing Address: 606 Douglas Hwy Phone: 207-664-0135

E-mail: town@lamoine-me.gov Cell phone: 207-266-0404

Not applicable

C. RECYCLING COORDINATOR: None

E-mail: _____

D. RECYCLING COMMITTEE CHAIR: None

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:

<http://www.lamoine-me.gov/Town%20Hall/Transfer%20Station%20Index.htm>

Signature of person completing this form _____

Printed name of person completing this form Stuart Marckoon

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, 2011 to:

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

SECTION 1 SUMMARY OF WASTE DISPOSAL AND RECYCLING

Waste Type	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, or E)
MSW	588.85	0	PERC	Pine Tree Waste	
Mixed CDD	0	0	Lamoine Transfer Station does not accept CDD/Bulky Waste. Individuals are directed to a private facility in Ellsworth or EMR in Southwest Harbor. A permit is no longer required, and we are unable to track such materials		
Wood from CDD	0	0			
Residues from CDD Processing	0	0			
Asphalt shingles	0	0			
Sheetrock	0	0			
Carpet	0	0			
Leaf & yard waste	0	0			
Land clearing debris	0	0			
Burn pile ash and/or hot loads area ash	0	0			
Tires	0	0			
White goods & scrap metal					
Vehicle batteries	0	0			
Mixed recyclables/ Single Stream	0	0			
Co-mingled containers	0	0			
Co-mingled paper & OCC	0	0			
Office paper grade	3.12	0	Pine Tree Waste		R
Mixed paper grade	0	0			
Corrugated cardboard (OCC)	15.6	0	Pine Tree Waste		R
Mixed newspapers and magazines	35.17	0	Coastal Recycling	MRRA	R
Newspapers (ONP)					
Magazines (OMG)					
Mixed glass					
Clear glass	2.065	0	Coastal Recycling	MRRA	R
Green glass					
Brown/amber glass					
Mixed household metals					
Aluminum cans/foil					
Tin cans	1.5675		Coastal Recycling	MRRA	R
WTE metal	19.4		Kramer Scrap Div.		R

*Enter code: D=disposed, R=recycled, C=composted, B=beneficial use, or E=diverted for energy (wood & tires only)

Table continued on next page...

Waste Type	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, or E)
Mixed plastics					
PETE/ PET (#1) plastic					
HDPE (#2) plastic	1.4465	0.	Coastal Recycling		R
PVC (#3) plastic					
LDPE (#4) plastic					
Cooking oil/grease					
Other (list)					

*Enter code: D=disposed, R=recycled, C=composted, B=beneficial use, or E=diverted for energy (wood & tires only)

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: _n/a_

Commercially-owned and Privately-owned facilities: Attach a report listing the waste types, amounts and state of origin for all waste accepted from states other than Maine. *n/a*

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 Direct elsewhere (fill in next table)

Waste Type	Amount received from households	Units of measure	Amount received from businesses, municipal buildings and schools	Units of measure	Consolidator or other destination
Monitors and TVs					
Computers and peripherals					
Mercury lamps		Linear Feet		Linear Feet	
CFLs		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? Coastal Recycling, Hancock and HHW/UW Collection program in Bar Harbor

Waste Oil Management:

Not Applicable

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

Name of transporter:

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 15.14 **Estimated?** Yes No **Use a Building?** Yes No

SECTION 3 COMPOSTING

Municipal Program

Not Applicable

List participating municipalities: _____

Waste Type	Amount accepted*	Units of measure	Amount of compost shipped	Units of measure	Broker/End-User
Leaf & yard waste					
Food Waste					
Other Organics (describe):					
-					

*actual or estimated? _____

Backyard composting - CREDITS

Not Applicable

List municipalities with a backyard compost education program: _____
(Must attach sample of flyer/media, to receive recycling credit)

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

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? @5%

SECTION 4 ADDITIONAL INFORMATION 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	None
List municipalities which provide curbside trash pickup by private hauler(s)	None
List municipalities in which residents contract for curbside trash pick up by private haulers	Lamoine
List the names of haulers operating in municipalities	Russell Boynton, Jr. , Vinal Tainter
List municipalities in which residents drop-off trash at transfer station	Lamoine
Estimate MSW taken directly out of communities for disposal by private hauler(s) as a percent of total	@5%

How are trash disposal costs paid?	
List municipalities that pay for commercial trash disposal	None
List municipalities in which businesses pay for commercial trash disposal	Lamoine
List municipalities which have a "Pay As You Throw" program for residents and the price per bag for each.	None PRICE:

Recycling Collection Practices of Member Communities	
List municipalities which provide curbside collection of recyclables by municipal employees	None
List municipalities which provide curbside collection of recyclables by private hauler(s)	None
List municipalities in which private haulers provide curbside collection of recyclables	Lamoine
List the names of haulers	Russell Boynton, Jr., Vinal Tainter
List the municipalities in which residents drop-off recyclables at transfer station or recycling center	Lamoine

Household Hazardous Waste Collection	
List municipalities that provide for Household Hazardous Waste collection	Acadia Disposal District/MDI League of Towns
Total cost	14,775.06
Vendor	EPI
Frequency of collection	1 x / year

Program information	
Solid Waste Program Expenses:	\$84,944.12
Income from Recycling:	\$1,129.92
List municipalities that have mandatory recycling	None
List municipalities which have any other solid waste and/or recycling ordinances	None
List municipalities which have any items banned from disposal of by municipal ordinance, and the items they ban.	None

Please attach a copy of your program’s annual financial report. (enclosed)

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.

Destination change for recycling processing, constructed a privy (outhouse), eliminated portable toilet, moved recycling collection rolloffs to cement pad, purchased a snow blower.

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. (we do not accept such wastes)
- B. Report on deviations from approved operations manual and proposed changes in operations and/or operations manual. No deviations

Past Year Deviations

NONE

Proposed Changes

NONE

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

Facility operator attended Maine DEP Core Session # 2 Training on 5/20/10

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

Spills NONE

Fires NONE

Accidents NONE

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.

No non-containerized collection takes place

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).

An outhouse has been constructed, replacing a portable toilet. Plumbing permit is attached.

Recycling roll-offs have been moved to the cement pad that formerly housed a metal pile

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 No monitoring Plan

Monitoring Program _____

Equipment _____

8. Recommended Changes for transfer station (if any)

No changes recommended

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

During 2010 we changed the destination for recycling processing to Coastal Recycling from the City of Bangor which potentially saves time and expense. Our MSW & Recycling transportation contracts expire in June 2011 and we have awarded the bid on those contracts to Pine Tree Waste again, though we are in negotiation with the City of Ellsworth and/or Coastal Recycling for recycling processing and sale.

SECTION 6 Additional Reporting Requirements for DEP-licensed Landfills

Not applicable

Solid Waste Disposal Summary Table – Landfilled Wastes

Type of Waste	Amount Landfilled (note whether tons or cubic yards)	State of Origin*	Facility of Origin (for MSW by-pass and FEPR)
MSW			
MSW By-Pass			
FEPR			
CDD			
Industrial wood waste			
MSW Incinerator Ash			
Biomass boiler ash			
Municipal WWTP/POTW Sludge			
Industrial WWTP Sludge			
Waste as Alternative Daily Cover			
Waste Type:			
Other Special Wastes (commercial/industrial facilities attach a detailed breakdown)			

* Please enter the amount of waste received by state of origin; do not add amounts from two or more states together.

MSW* Recycled (tons)	
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)	
Total landfill capacity remaining (cubic yards)	

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.

*do not include tires or composted materials.

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 (may reference preceding tables);
- (b) Estimates of the capacity of the landfill used during the past year and of the landfill's remaining capacity;
- (c) A description and estimate of the amount of cover material used in the past year;
- (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.