

Submit to: Maine DEP
Attn: Vicky Bryant
17 State House Station
Augusta, Maine 04333

Due annually by February 28th

Annual Report Form for SOLID WASTE PROCESSING FACILITIES

For YEAR: 2011

Name of Facility: KTI Bio Fuels, Inc.

Location: Lewiston, Maine

e-mail: dan.emerson@casella.com

DEP License: S-013266-WK-G-A ^{E-R}

Facility Operator: KTI Bio Fuels, Inc.

Phone#: 783 2941

Contractor Contact Person: Dan Emerson

Phone#: 650 1468

Billing Contact Person: Toni King Phone#: 653 4421

1. Description of all wastes accepted at the facility:

A. Enter the amount by weight of each type of waste received by the facility, listing each state or province of origin and generator type. If measured weight is not available, indicate waste volume and density used to calculated weight entered.

Waste type received	Amount received by facility (break out by state/province of origin)	Origins by state or province	Generator type (e.g., residential contractor, municipal transfer station, industrial demo)
Mixed CDD (may include building materials, furniture and carpet, asphalt, wall board, pipes, metal conduit, etc.)	10,725 tons 8,872 tons 157,984 tons	ME NH MA	various
Landclearing debris (brush, stumps, bark)	0		
Clean lumber (free from metals, plastics and coatings) <i>CLEAN WOOD WASTE</i>	10,770 tons 3,333 tons 38,233 tons 20 tons 42 tons	ME NH MA CT RI	various
Treated wood	0		
Asphalt roofing	0		
Sheetrock/wallboard/gypsum	0		
Furniture	0		
Carpet	0		

Glass	0		
Metals	0		
Tires	0		
Batteries	0		

Waste type received (continued)	Amount received by facility (break out by state/province of origin)	Origins by state or province	Generator type (e.g., residential contractor, municipal transfer station, industrial demo)
Plastics	0		
Mixed paper & corrugated cardboard (OCC)	0		
Coal, oil & multifuel boiler ash	0		
Aggregate (includes concrete, bricks, porcelain & incidental rocks/soil/sand)	0		
Oil-contaminated soil, gravel, other aggregate	0		
Sandblast grit	0		
Catch basin grit & street sweepings	0		
Other:	0		
Other:	0		

B. In-coming waste characterization. Attach results and a summary of all in-coming waste characterization events conducted in the reporting calendar year. This must include all data and results of the characterization of all wastes accepted at the facility, as well as the totals of data from your completed waste characterization forms (e.g., "Data Analysis Form" or other approved form) used to quantify by weight the recyclable and non-recyclable content of waste materials accepted for processing at the facility. (This item is not applicable to processing facilities that do not generate residuals requiring disposal.) *SEE ATTACHED WASTE CHARACTERIZATION REPORT*

C. Summary of processing and waste/materials shipped

Type of products, recyclables, and wastes from processing	Weight	Used on-site?	Intended use, and recycling or disposal facility destinations	Destinations by state or province
Wood waste fuel chip	0			
CDD wood fuel chip	18,123 tons	No	Sappi, Boralex, ecomaine	ME
CDD processing residue - fines	124,042 tons	No	Juniper Ridge Landfill <i>RECYCLED AS ADC</i>	ME
CDD processing residue - bulky wastes	97,764 tons	No	Juniper Ridge Landfill	ME

BENEFICIAL USE →

CDD processing residue - other	0			
Asphalt roofing	0			
Sheetrock/wallboard/ gypsum	0			

Type of products, recyclables, and wastes from processing (continued)	Weight	Used on-site?	Intended use, and recycling or disposal facility destinations	Destinations by state or province
Aggregate	244 tons	No	Lewiston Quarry · REUSE	ME
Erosion control mix	0			
Metals - ferrous	2832 tons	No	Schnitzer Steel · RECYCLED	MA
Metals - non-ferrous	71 tons	No	Schnitzer Steel · RECYCLED	MA
Glass	0			
Paper and cardboard	0			
Plastic	32 tons	No	Casella Recycling · RECYCLED	ME
Carpet	0			
Insulation	0			
Auto shredder fluff	0			
Tires	0			
Tire fuel chip	0			
Tire chip for engineered applications	0			
Batteries	0			
Contaminated soils	0			
Mercury switches	0			
Other:	0			
Other:	0			

D. Residue characterization. Attach results and a summary of all out-going waste residue characterization events conducted in the reporting calendar year. This must include all data and results of the characterization of all waste residues shipped from the facility for disposal. (This item is not applicable to processing facilities that do not generate residuals requiring disposal.)

SEE ATTACHED WASTE CHARACTERIZATION & ENVIRONMENTAL MONITORING REPORT SUMMARIES

E. Summary of waste not processed:

Waste type (use types as listed in 1.A)	Weight	Origins by state or province	Disposal facility destinations (as applicable)	Destinations by state or province
N/A				

F. Recycling and beneficial use demonstration. Describe and demonstrate that all wastes accepted at the facility have been recycled or processed into fuel for combustion to the maximum extent practicable. For this demonstration, “recycle” includes but is not limited to: reuse of waste as shaping, grading or alternative daily cover at landfills; aggregate material in construction; and boiler fuel substitutes. This must include:

- A narrative with a detailed comparison of the wastes accepted at the facility, products and secondary materials produced for recycling/reuse, and residues leaving the facility for disposal.
- A calculated recycling rate for the past year, and a discussion of this recycling rate, including a specific explanation of why that rate represents recycling to the maximum extent practicable, and an explanation and justification for why wastes and residues dispose over the preceding year could not be recycled or reused.
- A demonstration that the facility and its operations are consistent with the recycling provisions of the state waste management and recycling plan as defined at 38 MRS §13-3-C(35).

(This item is not applicable to processing facilities that do not generate residuals requiring disposal.)
See Attached WASTE CHARACTERIZATION REPORT

G. Summary of end-of-year on-site storage

Type of product, recyclables and waste stored on site as of 12/31/11	Weight (tons)	(If converting from cubic yards, use conversion factors from Table 1 of <i>Characterization of Construction/Demolition Debris by the Visual Estimation Method for Use by Solid Waste Processing Facilities</i> , available on-line at www.maine.gov/dep/waste/solidwaste/index.html .
Unprocessed CDD feedstock	3,231 tons	

2. Operations

Provide a summary of the processing operation including: a summary of complaints received by the facility during the previous year, a discussion of any odor problems, and any other problems encountered, and follow-up actions taken to address complaints and other identified problems.

See Attached OPERATIONS SUMMARY

3. Alterations to the facility operations and site

A description of changes to the facility site or operations that have occurred during the reporting year, and as-built plans as applicable. Also, changes to minor aspects of the facility site proposed to be changed in the current year may be described.

See Attached OPERATIONS SUMMARY

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

A summary and 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

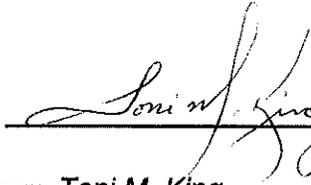
See Attached Annual Environmental Monitoring Summary

Monitoring Program

Equipment

Recommended Changes (if any)

Signature of person completing this form



Printed name of person completing this form Toni M. King

PLEASE ATTACH ADDITIONAL PAGES AS NEEDED