




The State of New Hampshire
Department of Environmental Services



Michael P. Nolin
Commissioner

May 27, 2005

To: Interested Parties

From: Anthony P. Giunta, P.G., Director
Waste Management Division
Department of Environmental Services 

Subject: **Certified Waste-Derived Product No. 10 - Revised
Bottom Ash From Wood Fired Boilers - Alternative Daily Cover
for RCRA Subtitle D Lined Landfills**

The New Hampshire Solid Waste Rules (Rules), the Department of Environmental Services, Waste Management Division (Department) has revised Certified Waste-Derived Product (CWDP) No. 10, Bottom Ash From Wood Fired Boilers - Alternative Daily Cover for RCRA Subtle D Lined Landfills. This revised CWDP supercedes the approval previously issued on September 23, 1999 and revised on February 11, 2005. Use of the product must adhere to Part Env-Wm 3202.04 of the New Hampshire Solid Waste Rules that are designed to protect public health and the environment. Before using the waste to produce the product, be sure to note any specifications or restrictions that have been placed on the use, storage, handling, and production of the waste and/or product. **Eight (8) specifications and/or restrictions are attached.**

This certification granted by the Department shall not affect the applicant's obligation to obtain all requisite federal, state, or local permits, licenses or approvals, or to comply with all other applicable federal, state, district or local permits, ordinances, laws or approvals or conditions pertaining to the approved activity.

For permitting information and questions, please call the Department's Permitting and Design Review Section at (603) 271-2935 for assistance.

cc: PDRS CWDP File



Certified Waste-Derived Product No. 10 - Revised
Bottom Ash From Wood Fired Boilers-
Alternative Daily Cover for RCRA Subtitle D Lined Landfills
Specifications and Restrictions

Bottom ash from wood fired power boilers shall be deemed certified for distribution and use as an alternative daily cover at RCRA Subtitle D lined landfills under the following conditions:

- (1) The product shall possess the characteristics required to achieve the performance objectives of Env-Wm 2506.03 and 40 CFR 258.21;
- (2) The use of this product shall be in accordance with the receiving facility's existing permit conditions;
- (3) The receiving facility shall maintain records indicating the quantities of product received;
- (4) The product shall be applied to interior slopes only;
- (5) The product shall not be stored outside the footprint of the landfill. All precipitation which contacts the product shall be managed as leachate;
- (6) If the product is produced from a facility that burns wood derived from construction and demolition debris, the product shall be sampled and analyzed on a quarterly basis for TCLP RCRA metals and total RCRA metals. If the product is produced from a facility that burns only virgin wood material, the product shall be sampled and analyzed on an annual basis for TCLP RCRA metals and total RCRA metals. Sampling and analyses shall be conducted in accordance with SW-846. The receiving facility shall maintain copies of all required analyses; and
- (7) If at any time the product fails to meet the performance objectives of Env-Wm 2506.03 and/or 40 CFR 258.21, the product shall be covered with a previously authorized cover material.
- (8) The moisture content of the product shall be sufficient to prevent the product from drying and becoming airborne before and after placement as daily cover.



RECORD OF CERTIFICATION OF WASTE-DERIVED PRODUCT FOR DISTRIBUTION & USE

Pursuant to Section Env-Wm 3200 of the New Hampshire Solid Waste Rules (Rules)

- I. **PRODUCT / PRODUCT NAME:** Bottom Ash From Wood Fired Boilers - Alternative Daily Cover for RCRA Subtitle D Lined Landfills
- II. **WASTE TYPE:** Bottom ash generated from wood-fired boilers
- III. **TRADE NAME:** Not Applicable
&/OR PROPRIETORS NAME: Not Applicable
- IV. **AUTHORIZED USE:** Alternative Daily Cover for RCRA Subtitle D Lined Landfills
- V. **SPECIFICATIONS AND/OR RESTRICTIONS:**
8 Specifications and Restrictions are attached
- VI. **APPLICATION LOG NUMBER:** WMD Log # 200500022
APPLICANT: New England Waste Services of ME, Inc. d/b/a New England Organics
- VII. **DATE APPROVED:** September 23, 1999
REVISED: February 11, 2005
REVISED: May 27, 2005
- VIII. **COMMENTS:** None
- IX. **REVIEWED BY:** Trey Dykstra, P.E.
Civil Engineer IV
Solid Waste Management Bureau

Note: This form is filled out when a waste derived product becomes certified, it is a record of that particular certification, and also provides the necessary input data for the data base on Waste Derived Products Certified for Distribution and Use.