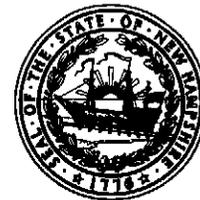




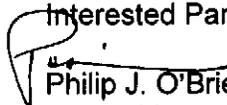
State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES

6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095
(603) 271-2900 FAX (603) 271-2456



May 23, 2001

To: Interested Parties

From:  Philip J. O'Brien, Ph.D., Director
Waste Management Division
Department of Environmental Services

Subject: **Certified Waste-Derived Product No. 13 - Revised
Biosolids Incinerator Ash - Alternative Daily Cover
for RCRA Subtitle D Lined Landfills**

Pursuant to Env-Wm 3207.05 and Env-Wm 3208 of the New Hampshire Solid Waste Rules (Rules), the Department of Environmental Services, Waste Management Division (Department) has added Biosolids Incinerator Ash - Alternative Daily Cover for RCRA Subtle D Lined Landfills (product) to the Department's list of certified waste-derived products. This certification supercedes the approval previously issued on December 7, 2000. 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. **Nine (9) 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. 13 - Revised
Biosolids Incinerator Ash - Alternative Daily Cover
for RCRA Subtitle D Lined Landfills
Specifications and Restrictions

Biosolids incinerator ash 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 that contacts the product shall be managed as leachate;
- (6) The product shall meet the following gradation requirements:
Effective Size (D_{10}) ≥ 0.075
Coefficient of Uniformity (C_u) ≥ 4
- (7) The product may be mixed with other approved cover materials (ref. Env-Wm 2506.03(d)) in order to meet the gradation requirements of Condition (6) above.
- (8) The product shall be sampled and analyzed on a quarterly 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
- (9) 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.