



State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES

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June 12, 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. 2, Coal Ash Used As Compost Bulking Agent -
Revised

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 compost bulking agent (product) made with coal ash (waste) to the Department's list of certified waste derived products. Use of the waste(s) must adhere to Part Env-Wm 3202.04 of the New Hampshire Solid Waste Rules, which are designed to protect public health and the environment. Before using the waste(s) 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(s) and or product **6 specifications and / or restrictions are attached.**

For any person producing this product at the site of waste generation, the product may be produced without obtaining a solid waste permit, i.e. the activity is permit-exempt per Env-Wm 2208.03. Note that this permit exemption applies only to the generator of the waste(s).

For all others who wish to produce the product using waste from off-site locations, a permit-by-notification is required for each processing location per Env-Wm 2207.04.

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

June 12, 2001

Certified Waste Product No. 2
Composting Amendment
Consisting of Coal Ash
Specifications and Restrictions

- (1) Only coal ash generated at Schiller Station shall be reused under the terms of this certificate.
- (2) Any coal ash not reused under the terms of this or any other certification must be disposed of as a solid waste.
- (3) The coal ash/ compost end product must comply with all applicable state and federal regulations.
- (4) In addition, coal ash used for compost amendment shall have total metal concentrations less than or equal to the following:

arsenic.....41 ppm
cadmium.....39 ppm
chromium..1200 ppm
copper.....1500 ppm
lead.....300 ppm
mercury.....17 ppm
molybdenum..75 ppm
nickel.....420 ppm
selenium.....100 ppm
zinc.....2800 ppm

Quarterly analyses of composite samples taken from representative monthly samples shall be performed and submitted to the Department for the above listed metals as well as the following constituents: potassium, calcium, magnesium, vanadium, boron, sodium, phosphorus, chloride and ph.

- (5) Quarterly analyses of composite samples taken from representative monthly samples for loss on ignition or percent carbon shall also be performed and submitted to the Department.
- (6) At the end of each calendar year, the generator shall submit an annual inventory of deliveries including date, amount and destination of each shipment of ash used as amendment in compost.