



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



To: Interested Parties

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

Subject: Certified Waste-Derived Product No. ²⁰19, Processed Construction and
Demolition Debris (C&D) Fines and Soil Mixture-Grading Material for
Closure of Lined and Unlined 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 Processed C&D Fines and Soil Mixture – Grading Material (product) for Lined and Unlined Landfills made with processed C&D fines (waste) and soil to the Department's list of certified waste derived products. Use of the waste must adhere to Env-Wm 2506.07 and Env-Wm 3202.04 of the Rules, which are designed to protect the 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. **Seven (7) 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 permit, 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. 19, Processed Construction
and Demolition Debris (C&D) Fines and Soil Mixture-Grading
Material for use at Lined and Unlined Landfills
December 6, 2004



Certified Waste-Derived Product No. ²⁰~~19~~
Processed C&D Fines and Soil Mixture-Grading Material for Closure
of Lined and Unlined Landfills

Specifications and Restrictions

- (1) This product consists of a mixture of C&D fines and soil, the organic content of which shall not exceed 50% by volume, and is to be used as grading material for closure of Lined and Unlined Landfills;
- (2) The product shall possess the characteristics required to achieve the performance objectives of Env-Wm 2507.04(c) of the Rules, and 40 CFR 258.60;
- (3) The product shall be sampled on a quarterly basis and analyzed for:
 - (a) TCLP metals, the facility shall not accept any processed C&D which exceed the applicable TCLP threshold; and
 - (b) Asbestos, the facility shall not accept any processed C&D for use in the product if asbestos is detected;
- (4) Prior to use, the responsible party for the landfill closure shall ensure that its sources of product have on-site QA/QC procedures adequate to prevent the incorporation of refuse, friable and non friable asbestos containing materials, and select recyclables into the product; and
- (5) The landfill closure design documents shall contain a stockpile, placement, grading and burial plan that minimizes the potential generation and uncontrolled release of hydrogen sulfide gas.
- (6) The product shall only be stockpiled within the footprint of the landfill.

**Certified Waste-Derived Product No. 19, Processed Construction
and Demolition Debris (C&D) Fines and Soil Mixture-Grading
Material for use at Lined and Unlined Landfills
December 6, 2004**

- (7) Any request to increase the permitted amount of stockpiled product at the site of generation shall be approved by the Department only after a certification has been received from the professional engineer in responsible charge of the landfill closure project attesting to the amount of product necessary to meet the design needs of the closure project. If approved, the approval shall only be for the quantity of product necessary to complete the closure project.