




State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES

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October 26, 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. 14
Metal Shredder Residue - 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 Metal Shredder Residue - Alternative Daily Cover for RCRA Subtitle D Lined Landfills (product) to the Department's list of certified waste-derived products. 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. 14
Metal Shredder Residue - Alternative Daily Cover
for RCRA Subtitle D Lined Landfills
Specifications and Restrictions

Metal shredder residue 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 and sources of product received;
- (4) The product shall be applied to interior slopes within the landfill 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 gradation of the product shall be 1.5-inch minus;
- (7) The product shall be sampled and analyzed on a monthly basis. Contaminant levels shall not exceed:

Contaminant	Maximum Contaminant Concentration	EPA SW-846 Test Method
TCLP Cadmium	1.0 mg/l	Method 1311
TCLP Lead	5.0 mg/l	Method 1311
Polychlorinated Biphenols	< 50 mg/kg ^(a)	Method 8080 or 8082

Note: ^(a) <50 mg/kg and not otherwise prohibited from disposal at a RCRA Subtitle D landfill pursuant to 40 CFR 761.

The receiving facility shall maintain copies of all required analyses; and

- (8) 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.



**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:** Metal Shredder Residue - Alternative Daily Cover for RCRA Subtitle D Lined Landfills
- II. **WASTE TYPE:** Shredder residue from the processing of metal recyclable materials.
- 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 # 200100231.
APPLICANT: Advanced Recycling, Inc.
- VII. **DATE APPROVED:** October 26, 2001
- VIII. **COMMENTS:** None
- IX. **REVIEWED BY:** Michael McCluskey, P.E.
Civil Engineer IV
Permitting & Design Review Section

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.