



The State of New Hampshire
Department of Environmental Services



Robert R. Scott, Commissioner

VIA EMAIL ONLY

July 28, 2021

Michael Hamilton, EHS Coordinator
New Hampshire Ball Bearings, Inc., Astro Division
155 Lexington Dr.
Laconia, NH 03246
Email: mhamilton@nhbb.com

SUBJECT: Application to Certify a Waste-Derived Product – Spent Sandblast Media

**Approval of Certified Waste-Derived Product (CWDP) No. 30:
Spent Sandblast Media for use as Alternate Daily Cover**

Initial application received April 28, 2021; and assigned Application No. 2021-54445

Dear Mr. Hamilton:

The New Hampshire Department of Environmental Services, Waste Management Division (NHDES) has completed its review of the above-referenced application by which New Hampshire Ball Bearings, Inc., Astro Division seeks to obtain a certification for residual sandblasting waste as a waste-derived product for distribution and use in New Hampshire as alternate daily cover at authorized double-lined landfills.

NHDES has **approved** the application, with conditions, and hereby issues the attached certified waste-derived product (CWDP) No. 30 pursuant to RSA 149-M and Chapter Env-Sw 1500 of the NH Solid Waste Rules, Env-Sw 100 et seq. (Rules).

Any person aggrieved by this decision may appeal to the New Hampshire Waste Management Council (Council) by filing an appeal that meets the requirements specified in New Hampshire Revised Statutes Annotated (RSA) 21-O:14, *Administrative Appeals*, and the rules adopted by the Council, Env-WMC 200, *Procedural Rules*. The appeal must be filed directly with the Council within 30 days of the date of this decision and must set forth fully every ground upon which it is claimed that the decision complained of is unlawful or unreasonable. Information about the Council, including a link to the Council's rules, is available at <https://www.nhec.nh.gov/waste/index.htm>.

If you have any questions regarding this approval, please contact the Solid Waste Management Bureau at (603) 271-2925 or solidwasteinfo@des.nh.gov.

Sincerely,

Jaime M. Colby, P.E.

Solid Waste Management Bureau

Tel: (603) 271-5185

Email: jaime.colby@des.nh.gov

**Waste Management
Division**

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Waste Division, ou=Waste Management Division,
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encl. Certified Waste-Derived Product No. 30: Spent Sandblast Media for use as Alternate Daily Cover



RECORD OF CERTIFIED WASTE-DERIVED PRODUCT APPROVAL

Issued by the NH Department of Environmental Services, Waste Management Division (NHDES)
pursuant to RSA 149-M and Chapter Env-Sw 1500 of the New Hampshire Solid Waste Rules (Rules)

I. PRODUCT IDENTIFICATION:

Certified Waste Derived Product No.: 30

Common Name: Spent Sandblast Media for use as Alternate Daily Cover

General Purpose / Use: Alternate daily cover at authorized double-lined landfills

Product Description: Reddish/gray granular material produced as a residual waste during abrasive surface preparation of aluminum alloy and stainless steel alloy components using compressed air, and consisting of used garnet and fused aluminum oxide abrasives, with trace minerals and aluminum/stainless steel alloy fragments

Waste Content: Approximately 77% garnet sand, 22% fused aluminum oxide, 1% alumina zirconia and aluminum/stainless steel alloy fragments. No free liquids

II. FILE REFERENCE/RECORD OF APPLICATION FOR CERTIFICATION:

Applicant Name: New Hampshire Ball Bearing, Inc., Astro Division

Applicant Mailing Address: 155 Lexington Dr., Laconia, NH 03246

Applicant Principal Business Address: 155 Lexington Dr., Laconia, NH 03246

Application No. 2021-54445

Date(s) Received: April 28, 2021

WMD Document Log #(s): 2021-54445-01

III. TERMS AND CONDITIONS: Attached.

IV. AUTHORIZATION & SIGNATURE: The waste-derived product identified above is hereby certified for distribution and use in New Hampshire, subject to all terms and conditions specified herein. This approval is based on information and representations provided to NHDES in the application identified in Section II above. If the information is false, misleading or incomplete, this certification may be revoked or suspended in accordance with Part Env-Sw 1509 of the Rules.

BY EXERCISING ANY RIGHTS UNDER THIS APPROVAL, THE USER HAS AGREED TO ALL TERMS AND CONDITIONS OF THE CERTIFICATION. Failure to comply with the terms and conditions of the certification may result in administrative, civil or criminal enforcement action and penalties, and suspension or revocation of the certification. No liability is incurred by the State of New Hampshire by reason of this certification. No warranty/guarantee is intended or implied by reason of any advice given by NHDES or its staff.

This certification shall not eliminate any person'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 production, distribution, use, and disposal of this certified waste-derived product.


Michael J. Wimsatt, P.G., Director
Waste Management Division

July 28, 2021
Effective Date

Waste
Management
Division

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Division
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o=Solid Waste Division, ou=Waste
Management Division,
email=NELSON.ORDWAY@DES.NH.GOV,
c=US
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Certified Waste-Derived Product No. 30

Common Name: Spent Sandblast Media as Alternate Daily Cover

General Use / Purpose: Alternate daily cover at authorized double-lined landfills

Product Description: Reddish/gray granular material

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SECTION III: TERMS AND CONDITIONS

General Conditions

- (1) Subject to the terms and conditions of this certification, the waste-derived product shall be deemed certified for distribution and use in the State of New Hampshire as alternate daily cover at authorized double-lined landfills in accordance with RSA 149-M and the New Hampshire Solid Waste Rules, Env-Sw 100 et seq., as each may be amended from time to time.
- (2) The waste-derived product, when it is actively managed and used in accordance with the conditions of this certification, RSA 149-M, and the Rules, as each may be amended from time to time, shall be deemed not a solid waste.
- (3) The waste-derived product and the waste used to produce the product shall not be nor ever have been a hazardous waste pursuant to RSA 147-A, and the New Hampshire Hazardous Waste Rules, Env-Hw 100 et seq., as each may be amended from time to time.
- (4) This certification shall not constitute an endorsement by NHDES of the waste-derived product.
- (5) This certification shall not mean that the waste-derived product is benign to the environment, public health and safety or that the waste-derived product will perform according to consumer expectations or manufacturer or distributor representations.
- (6) This certification shall not exempt any person from the provisions of RSA 149-M and the Rules, as each may be amended from time to time, when the waste-derived product resumes the status of a solid waste, including when it ceases being actively managed or is otherwise abandoned or discarded.
- (7) Production, distribution, use and disposal of the waste-derived product is subject to the general requirements and limitations in Env-Sw 1502.02 and Env-Sw 1502.04, as each may be amended from time to time.
- (8) Manufacturers of the waste-derived product shall provide information to demonstrate compliance with the terms and conditions of this certification when requested by NHDES.

Product Specifications

- (9) The waste-derived product shall be the residual material produced during abrasive surface preparation of aluminum alloy and stainless steel alloy components using compressed air and an abrasive mixture of garnet sand, fused aluminum oxide and alumina zirconia.
- (10) The waste-derived product and the waste used to produce the product shall not contain wastes or materials prohibited from landfilling in New Hampshire pursuant to RSA 149-M and the Rules, as each may be amended from time to time.

Certified Waste-Derived Product No. 30

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Production

- (11) The waste-derived product shall be produced as specified in Condition (9) at facilities using compressed air blasting equipment with a reclamation/sorting unit to perform surface preparation on aluminum alloy and/or stainless steel alloy components.

Distribution

- (12) The waste-derived product shall be distributed by the manufacturer or a contracted third-party.

Product Use

- (13) The waste-derived product is approved for use as alternate daily cover at authorized double-lined landfills in accordance with the receiving facility's permit.
- (14) All stormwater that contacts the waste-derived product shall be managed as leachate.