



The State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES



Thomas S. Burack, Commissioner

December 22, 2009

To: Interested Parties

From: Michael J. Wimsatt, P.G., Director
Waste Management Division
Department of Environmental Services

M. J. Wimsatt
12/22/09

**SUBJECT: CERTIFIED WASTE-DERIVED PRODUCT NO. 24,
Non-Hazardous, Low Level Contaminated Soil
Used for Fill within the 500 Foot Residential Set Back Area
of the Four Hills Lined Landfill, Nashua, New Hampshire
Permit No.: DES-SW-SP-95-002.**

Pursuant to Env-Sw 1507.05 and Env-Sw 1508 of the New Hampshire Solid Waste Rules (Rules), the Department of Environmental Services, Waste Management Division (Department) has added non-hazardous low level contaminated soil to the Department's list of certified waste-derived products. (Ref. CWDP application, WMD Log 200900135, received 9/3/09). Use of the product shall adhere to the requirements and limitations specified in Part Env-Sw 1502.04 of the Rules and any additional specifications or restrictions placed on the use, storage, handling, and production of the product as follows:

Product specifications, permissible uses, quality assurance and recordkeeping and reporting requirements are attached.

This certification shall not affect the user's obligation to obtain all requisite federal, state, or local permits, licenses or approvals, and to comply with all other applicable federal, state, district or local permits, ordinances, laws or approvals or conditions pertaining to the use of the product.

Contact the Department's Solid Waste Management Bureau at (603) 271-2925 or Solid Waste Info@des.nh.gov for additional information if required.



Certified Waste Derived Product No. 24
Non Hazardous Low Level Contaminated Soil
For Use As General Fill in The Residential Set Back Area
of the Nashua Four Hills Lined Landfill
Permit No.: DES-SW-SP-95-002

1. Product Specifications

- A. The product shall consist of non-hazardous contaminated soil meeting the soil remediation standards in Env-Or 606.19, Table 600-2.
- B. The product shall possess the characteristics required to achieve the performance objectives of soil fill material in the 500 foot residential setback area specified in Appendix C of the Four Hills Lined Landfill Facility Operating Plan. (ref. WMD Log 299800131; approved 8/26/08)

2. Permissible Uses

- A. The product is authorized for use as soil fill within the 500 foot residential setback boundary of the Four Hills Lined Landfill only.
- B. The product shall be placed in the setback area in accordance with the procedures described in the City of Nashua's solid waste permit (DES-SW-SP-95-002) and the Facility Operating Plan.
- C. The product shall not be placed or stored outside the footprint of the landfill liner.

3. Quality Assurance/Quality Control

- A. The product shall be determined to be non-hazardous in accordance with the procedures described in Env-Hw 502.
- B. Soil shall be sampled and analyzed in accordance with the criteria specified in Env-Or 611.04 (a) and (b).
- C. The Generator Waste Profile (attached) with the results of the laboratory analysis in accordance with the "Soil and Street Waste Acceptance Criteria" (attached), shall be submitted to the Nashua Superintendent of Solid Waste.



4. Record Keeping and Reporting

- A. The City of Nashua shall maintain records documenting the source and quantities of product received.
- B. Records of testing, pursuant to 3 above, shall be maintained by the City of Nashua and produced for inspection by the Department pursuant to Env-Sw 2000.
- C. Quantities and sources of the product used within the setback area shall be reported by the City of Nashua in the landfill quarterly and annual reports.



City of Nashua

Four Hills Landfill

840 West Hollis Street, Nashua, NH 03062 (603)-589-3410

Generator Profile

1. Generator Information

Name: _____ Address: _____

Contact: _____

Phone: _____ E-mail: _____

2. Site Information

Name: _____ Address: _____

Type of Facility: _____

3. Type of Material

_____ Petroleum contaminated soil _____ Catch basin grit _____ Clean soil

_____ Street sweepings _____ Other contaminated soil

4. Quantity

_____ Tons

5. Please provide a brief description of the material including source and type of contamination (leaking tanks, spill, vehicle accident, etc.); the type of soil; and any debris or other potential contaminants. i.e. clay, asbestos, trash, metal, etc.

6. Attach other Generator Documentation and/or Laboratory Analyses

7. Generator's Certification

To the best of my knowledge the waste represented by this waste profile is not considered a hazardous waste by USEPA and New Hampshire standards and does not contain asbestos, radioactive material or polychlorinated biphenyls (PCB's). I certify that the information provided in this profile and any supporting analytical data accurately represents the material to be shipped to the Four Hills Landfill, 840 West Hollis Street, Nashua, NH. All analytical requirements were performed by a State of NH certified lab. Further, I am authorized to sign on behalf of the Generator.

Generator Signature: _____ Title: _____

Name (Type or Print): _____ Company Name: _____

Material Type or Source	Certification or Analytical Requirements											Destination Landfill (Non-hazardous)	Destination Setback (Meets Table 600-2 Standards)	
	Generator Clean Fill Certification	NOCS Certification per Env-Or 611.03	Visual Olfactory Observation and Re-use Criteria per NHDES Fact Sheet WMD-Sw-32 (attached)	Ignitability/Flashpoint	Corrosivity/pH	Reactivity	Total RCRA-8 Metals	VOCs by EPA Method 8260	SVOCs by EPA Method 8270	TPH	PCBs			
Clean Soil	X												X	X
Non-hazardous Oil Contaminated Soil (NOCS)		X											X	
Non-hazardous Contaminated Soil (NCS)				X	X	X	X	X	X	X	X		X	
Street Sweepings/Roadside Ditch Soil - Not Obviously Contaminated			X										X	X
Street Sweepings/Roadside Ditch Soil - Obviously Contaminated			X	X	X	X	X	X	X		X		X	
Catch Basin Sediment			X	X	X	X	X	X	X		X		X	
Certified Waste Derived Product (NCS, Catch Basin Sediment)				X	X	X	X	X	X	X	X		X	X

Notes:

Contaminated soils and street wastes that are classified as non-hazardous as determined by the above specified analyses may be used as alternate daily cover (ADC) in the lined Four Hills Secure Expansion Landfill.

Clean soils and street wastes, and materials classified as Certified Waste Derived Products that meet the soil remediation standards contained in Env-Or 606.19, Table 600-2 may be used within the landfill's 500-foot residential setback wedge.

In accordance with Env-Or 611.04, sample frequency shall be a minimum of one composite sample for every 200 tons up to 2,000 tons. After 2,000 tons sample frequency shall be a minimum of one composite sample for every 500 tons. Composite samples shall also be collected as directed in Env-Or 611.04 (2) and (3).

The materials accepted will be accompanied by a waste profile and/or generator certification documentation and shall be shipped to the landfill under a Bill of Lading, when required. These documents will be kept on file at the landfill.