
ENVIRONMENTAL Fact Sheet



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WMD-SW-32

2009

Management of Street Wastes

This fact sheet describes the requirements applicable to the disposal or reuse of street sweepings, roadside ditch cleanup soils, and catch basin cleanings, collectively referred to as "street wastes." RSA 149-M requires that solid waste be disposed of at a facility permitted to accept the material. These soils have the potential to be contaminated with petroleum hydrocarbons, road salt, trash, litter, animal waste, or other solid waste, and therefore need to be managed appropriately. Waiver Approval DES-SW-WV-06-001, attached, allows for the disposal or utilization of street wastes in accordance with this fact sheet.

DISPOSAL

Street wastes that **are** obviously contaminated with wastewater, animal wastes, oil, gasoline, or other petroleum products must be tested pursuant to the hazardous waste determination requirements in Env-Hw 502 of the [NH Hazardous Waste Rules](#). Contamination is determined by visual and/or olfactory examination.

- If determined to be non-hazardous, these soils may be disposed of at any permitted, lined solid waste landfill or other solid waste treatment facility permitted to accept the material.
- If determined to be hazardous, these soils must be disposed of in accordance with [NH Hazardous Waste Rules](#), Env-Hw 100-1000.

Street wastes that **are not** obviously contaminated with wastewater, animal wastes, oil, gasoline or other petroleum products may be taken without testing directly to any permitted solid waste landfill for disposal or deposited for use as daily cover. Contamination is determined by visual and/or olfactory examination. Any material used for daily cover must meet the performance objectives found in Env-Sw 806.03 of the [New Hampshire Solid Waste Rules](#).

REUSE

Street wastes that **are not** obviously contaminated with wastewater, animal wastes, oil, gasoline, or other petroleum products may be reused as described below. Contamination is determined by visual and/or olfactory examination. Prior to reuse, trash, leaves, and other debris should be removed. This is often accomplished by screening, but other methods may also be used.

Street Sweepings and Roadside Ditch Cleanup Soils

Street sweepings and roadside ditch cleanup soils may be reused without restriction.

Catch Basin Cleanings

Catch basin cleanings may be reused in any of the following ways if they are tested and any contaminants do not exceed the concentrations listed on the attached table:

- Cleanings may be reused in the production of base and sub-base aggregate for the construction of a paved roadways and parking lots, if they do not exceed Department of Environmental Services Risk Characterization and Management Policy (RCMP) S-3 soil standards as listed in the attached table.
- Cleanings may be reused without restriction if they do not exceed RCMP S-1 soil standards as listed in the attached table.

Catch basin cleanings must be stockpiled in a manner to prevent erosion and release to the environment until test results are known. Annual testing of one representative, composite sample for an initial period of two years shall be required. The composite sample must be representative of the soils being tested. At least five to 10 samples should be taken from different locations around the pile and at varying depths between 25 cm and 1 meter. Composite samples must be thoroughly mixed in a large container to provide a representative sample of the pile. Laboratory staff should be consulted to determine the amount of soil required to carry out the analyses.

For as long as test results are below the concentrations identified in the attached table, sample frequency may be reduced to one representative, composite sample, every three years.

For More Information

For more information, contact the N.H. Department of Environmental Services Waste Management Division, PO Box 95, 29 Hazen Drive, Concord, NH 03302-0095; (603) 271-2925.



WAIVER APPROVAL

as authorized by the
NH Department of Environmental Services, Waste Management Division (Department)
pursuant to RSA 149-M and Part Env-Sw 202 of the New Hampshire Solid Waste Rules (Rules)

I. APPLICABILITY:

Waiver Approval No.: DES-SW-WV-06-001

This waiver applies to the Management of Street Wastes in the State of New Hampshire
Related Regulatory Activity: Management of Street Wastes

II. FILE REFERENCE/RECORD OF APPLICATION:

Date(s) Received: N/A

WMD Log #(s): N/A

III. SECTION OF RULES BEING WAIVED:

Env-Sw 903.05(d)

IV. TERMS AND CONDITIONS:

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V. EFFECTIVE DATE/DURATION OF WAIVER: Effective from the date of signature below.

VI. AUTHORIZATION: This approval shall grant a waiver to the requirements set forth in the rule cited in Section III above, as it would relate to the facility or activity specified in Section I above. Such waiver shall be valid for the period of time set forth in Section V above. This waiver is subject to any terms and conditions which may be specified in Section IV above.

BY EXERCISING ANY RIGHTS UNDER THIS AUTHORIZATION, THE APPLICANT HAS AGREED TO ALL TERMS AND CONDITIONS. Failure to comply with the terms and conditions could result in civil or criminal penalties, suspension or revocation of this approval or any permit to which it may apply. No liability is incurred by the State of New Hampshire by reason of any approval of this waiver or the facility to which it may relate. Approval by the Department is based on information supplied by the applicant. No warranty/guarantee is intended or implied by reason of any advice given by the Department or its staff.

This approval shall not eliminate 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 and local permits, ordinances, laws, approvals or conditions relating to the approved activity.

Anthony P. Giunta, P.G., Director
Waste Management Division

May 23, 2006

Date

**Catch Basin Cleanings
Reuse Guidance**

Maximum Contaminant Concentrations			
Regulated Contaminant	S-1 Standards (mg/kg)	S-3 Standards (mg/kg)	USEPA SW-846 Test Method
Metals			
Arsenic	11	11	6010B
Barium	750	3,400	6010B
Cadmium	32	230	6010B
Chromium	1,000	5,000	6010B
Lead	400	400	6010B
Mercury	13	13	7471A
Selenium	260	260	6010B
Silver	45	200	6010B
VOCs			
Benzene	0.3	0.3	8260B
Dichloroethane, 1,2-	0.1	0.1	8260B
Isopropyl benzene	123	123	8260B
Methyl-t-butyl ether	0.13	0.13	8260B
Toluene	100	100	8260B
Xylene	500	1,100	8260B
Alkylbenzenes Butylbenzene, n- Butylbenzene, sec- Butylbenzene, tert- Isopropyl toluene, 4- Propylbenzene, n- Trimethylbenzene, 1,2,4- Trimethylbenzene, 1,3,5-	59 (Total)	59 (Total)	8260B
PAHs – Carcinogenic			
Benzo(a)anthracene	0.7	40	8270C
Benzo(a)pyrene	0.7	4	8270C
Benzo(b)fluoranthene	7	400	8270C
Benzo(k)fluoranthene	7	400	8270C
Chrysene	70	4,000	8270C
Dibenzo(a,h)anthracene	0.7	4	8270C
Indeno(1,2,3-cd)pyrene	0.7	40	8270C
PAHs – Noncarcinogenic			
Acenaphthene	270	270	8270C
Acenaphthylene	300	300	8270C
Anthracene	1,000	1,700	8270C
Fluoranthene	810	5,000	8270C
Fluorene	510	510	8270C
Methylnaphthalene, 2-	150	150	8270C
Napthalene	5	5	8270C
Benzo(g,h,i)perylene Phenanthrene Pyrene	480 (Total)	5,000 (Total)	8270C