

**CUMBERLAND COUNTY IMPROVEMENT AUTHORITY
CUMBERLAND COUNTY SOLID WASTE COMPLEX**

SOIL ACCEPTANCE PROTOCOL

This protocol establishes procedures to be followed by waste generators petitioning the Cumberland County Improvement Authority (CCIA)/Cumberland County Solid Waste Complex to accept soil for use as daily cover material. It also sets forth criteria for I.D. 27 soil acceptable for reuse as daily cover.

At its discretion, CCIA may increase the testing requirements of this section. Generators seeking to dispose of soil at the landfill or seeking permission to use soil as daily cover are urged to consult with CCIA personnel before completing the requirements of this section. Should CCIA determine that ID 27 classification is required, the procedures in items A through P following shall be implemented.

- A. For I.D. 27 soil, sampling shall be performed in accordance with the August 2005 NJDEP Field Sampling Procedures Manual per 1,000 cubic yards for the following criteria:

1. Ignitability
2. Corrosivity
3. Reactivity (Sulfide/Cyanide)
4. Total Polychlorinated Biphenyls (PCB's)
5. Total Petroleum Hydrocarbons (Not to exceed 5,000 mg/kg)
6. Full TCLP (All parameters)
7. Paint-filter test SW-846 Method 9095
8. NJDEP Target Compound List
9. Sieve analysis

Note: Laboratory Reports must include a cover page, including facility name and address, laboratory name and address, laboratory certification number, if applicable, date of analytical report preparation and signature of laboratory director;. data summary tables showing the following: 1) parameter 2) level detected 3) regulatory level 4) method detection limit 5) a legend defining all units; and all chain of custody documentation. The CCIA reserves the right to request NJ full or reduced laboratory data deliverables be submitted.

- B. The generator of the soil must submit to the CCIA, written certification confirming that the soil is non-hazardous ID-27, one (1) copy of the analytical data package (chain of custody, sampling methods, QA/QC data, etc.) for each composite soil sample tested, and a completed Soil Disposal Request Form (provided by the authority).
- C. Soil contaminated by a known source of virgin petroleum product such as diesel fuel, gasoline, kerosene, etc. and not containing more than 5,000 ppm of total

petroleum hydrocarbons (TPHC) will be considered for reuse when a completed request is accompanied by sufficient sampling and testing information.

- D. The CCIA reserves the right not to accept soil contaminated from contact with a hazardous waste or soil that was formerly hazardous waste rendered non-hazardous.
- E. The particle size distribution of the soil shall conform to the landfill's daily cover soil specifications as follows: material to be used as daily cover shall be of quality that is manageable under all weather conditions and does not consist of very fine-grained materials or heavy clays. Impermeable materials (i.e. clay) or very fine materials which may be subject to erosion will not be accepted for use as daily cover material at the landfill. No more than 20 percent of fine grained materials shall pass a No. 200 sieve; at least 40 percent by weight of the fragments in the soil admixture shall be capable of passing through a No. 10 mesh sieve; and particle sizes shall not exceed six inches in diameter.
- F. The CCIA will review submitted laboratory test data and will perform a visual inspection of the non-hazardous ID-27 soil prior to acceptance. The following materials will not be accepted for use as daily cover material.
 - 1. Soil containing wood and other such debris.
 - 2. Soil containing asphalt and/or concrete larger than six inches in diameter.
 - 3. Soils containing organic soil or other organic matter.
 - 4. Soils consisting of heavy clays or very fine grained materials.
 - 5. Soils having a coloration indicating that they contain high levels of petroleum hydrocarbons.
 - 6. Soils showing the presence of free draining petroleum products.
 - 7. Soils that are in any other way unacceptable for use as daily cover material.
- G. Upon approval by the CCIA, the generator of the soil will be advised, in writing, as to the following:
 - 1. When shipment of the ID 27 soil may commence.
 - 2. The rate of acceptance of the material at the landfill.
- H. ID 27 soil having gone through the above review process and having been determined to be suitable for use as daily cover material shall be accepted at the CCIA Cumberland County Solid Waste Complex at the current price of daily cover material. However, if it becomes evident that the ID 27 soil being delivered to the landfill is unsuitable for daily cover because it contains any of the materials listed in Condition G, 1 through 7, the generator of the soil will be assessed the tipping fee in effect at the time of the delivery for each load of soil deemed unsuitable for use as daily cover.
- I. The CCIA may require that the generator of the ID 27 soil perform additional analytical testing of the soil if inspection of the soil reveals that the soil samples

Cumberland County Improvement Authority Cumberland County Solid Waste Complex

Soil Disposal Request Form

Section 1: GENERAL INFORMATION

1. Generator's Name _____ 2. EPA ID Number _____
3. Street Address _____ 4. Municipality _____
(where soil was generated)
5. County _____ 6. State _____ 7. Zip Code _____ 8. Contact _____
9. Phone Number () ____ - ____.
10. Regulatory Program: ECRA__ RCRA__ CERCLA __ UST__ NJ Spill Act__
County/Local__ Other__.
11. Agency Contact _____ 12. Date of Request for Disposal _____

APPLICANT (Complete if someone is submitting this request on behalf of the generator or if the generator's mailing address is different from above--All correspondence will be addressed to this company if this section is completed.)

13. Company Name _____
14. Mailing Address _____
15. Municipality _____ 16. State _____ 17. Zip Code _____
18. Contact _____ 19. Phone Number _____

TRANSPORTATION

20. Contractor to be used to deliver soil _____
21. Mailing Address _____
22. City _____ 23. State _____ 24. Zip Code _____
23. Volume of Soil _____ Tons / Cubic Yards. (Circle one)

24. Disposed: Once Weekly Monthly Annually (Circle one)

25. Waste Description: Describe in detail the waste to be accepted. Describe how soil became contaminated. (e.g., Soil became contaminated with # 2 fuel oil during the removal of a leaking underground storage tank).

26. Waste Texture/Gradation (i.e. sand, silt, clay etc.)_____

27. Were other hazardous wastes discovered at the same site (Yes / No). If yes, indicate which contaminants are or were present at the site. Indicate any other processes, including storage, which involve the use of hazardous materials which have taken place on the site.

SAMPLING INFORMATION

28. Sampling Methodology: Describe in detail, the sampling methods used to obtain a representative sample of the material.

29. Compositing Scheme: Indicate the number of discrete samples comprising each laboratory sample composite.

30. Descriptive Site Diagram: showing the location of the waste to be accepted, description of storage (i.e. stockpiles, excavation, native soil), and sample locations.