



**KENAI PENINSULA BOROUGH
Solid Waste Department
47140 East Poppy Lane
Soldotna, Alaska 99669**



(907) 262-9667
(907) 262-6090 Fax

**SPECIAL WASTE DISPOSAL POLICY
Central Peninsula Landfill
Effective Date: October 1, 2005
Revision Date: April 21, 2008**

I. APPLICABILITY

This policy is to be used as a guideline to determine the acceptability of special waste materials (contaminated soil, spill residue, industrial process waste, and other solid waste) for disposal at the Central Peninsula Landfill (CPL). Due to the potential of encountering a wide variety of products and chemicals, it will often be necessary to make a case-by-case determination on the acceptability of specific waste types.

II. PROHIBITED MATERIALS

Under NO circumstances will the following be accepted for disposal at the CPL:

1. Special wastes or other solid waste generated outside the Kenai Peninsula Borough (KPB).
2. Special wastes or other solid waste in any quantity that exhibits hazardous waste characteristics for ignitability, corrosivity, reactivity or toxicity, or contains listed hazardous waste, or substances that could be classified as a hazardous waste, at levels that exceed those as defined by the US Environmental Protection Agency (USEPA) or the Alaska Department of Environmental Conservation (ADEC).
3. Special wastes or other solid waste that contains concentrations of Polychlorinated Biphenyls (PCB) greater than 1 mg/Kg.
4. Special wastes or other solid waste that contains free liquids as defined by USEPA Paint Filter Test, including petroleum products, chemicals or water.

III. ACCEPTANCE LIMITATIONS FOR SPECIFIED POLLUTANTS

All measurements are dry-weight measurements referenced to a soil matrix.

- A. Special wastes, contaminated soil, spill residue or other solid waste associated with underground storage tanks and systems having contained or containing only petroleum products, other than used oil or an unknown petroleum product, will be acceptable for disposal at the CPL provided the material is not prohibited as in Section II above and the following limits are not exceeded:

1. Gasoline Range Organics (GRO)
LIMIT = <500 mg/Kg
Alaska Test Method - AK101
2. Diesel Range Organics (DRO)
LIMIT = <1000 mg/Kg
Alaska Test Method - AK102
3. Total Benzene, Toluene, Ethylbenzene and Xylene (BTEX)
LIMIT = <50 mg/Kg
Test Method – EPA 8020
4. Lead (leaded gasoline spills only)
LIMIT = < 5.0 mg/L
Test Method – TCLP (Toxicity Characteristic Leaching Procedure)

B. Special wastes, contaminated soil, spill residue or other solid waste associated with underground storage tanks and systems having contained or containing used oil products or unknown petroleum products, will be acceptable for disposal at the CPL provided the material is not prohibited as in Section II above and the following limits are not exceeded:

1. Residual Range Organics (RRO)
LIMIT = <1000 mg/Kg
Alaska Test Method – AK103
2. Total Benzene, Toluene, Ethylbenzene and Xylene (BTEX)
LIMIT = <50 mg/Kg
Test Method – EPA 8020
3. Lead
LIMIT = < 5.0 mg/L
Test Method – TCLP (Toxicity Characteristic Leaching Procedure)
4. Arsenic
LIMIT = < 5.0 mg/L
Test Method – TCLP (Toxicity Characteristic Leaching Procedure)
5. Chromium
LIMIT = < 5.0 mg/L
Test Method – TCLP (Toxicity Characteristic Leaching Procedure)
6. Total Composite of Halogenated Volatile Organic Compounds
LIMIT = < 100 mg/Kg
Test Method – EPA 8021B or 8260B
7. Polychlorinated Biphenyls (PCB)
LIMIT = < 1 mg/Kg
Test Method – EPA 8081

- C. The acceptability for disposal at the CPL of any special waste or other solid waste associated with underground storage tanks and systems containing NON-PETROLEUM products will be on a case-by-case basis as determined by the KPB Solid Waste Department, tel. 907-262-9667, fax 907-262-6090, email specialwaste@borough.kenai.ak.us.
- D. The acceptability for disposal of any special waste, contaminated soil, spill residue, or other solid waste NOT associated with underground storage tanks and systems, such as, but not limited to, industrial processes; chemical processes; biological, thermal or chemical processes to remediate contaminated soils or products; spent sandblast sand; screenings from sand-grit separators or catch basins; or filtration processes will be on a case-by-case basis as determined by KPB SWD, tel. 907-262-9667, fax 907-262-6090, email specialwaste@borough.kenai.ak.us.

IV. INFORMATION REQUIREMENTS TO DETERMINE ACCEPTABILITY

- A. It is the responsibility of the person(s) seeking disposal of the special waste, contaminated soil, spill residue or other solid waste addressed above, to provide sufficient documentation to demonstrate that the material meets the requirements of this policy.
- B. For special waste or other solid waste, the following must be submitted in writing prior to KPB SWD acceptance:
 - 1. A description of the site or facility where the waste was generated, the source and type of the waste material, the estimate of the total quantity of materials to be disposed and the location of samples collected.
 - 2. Results of laboratory analysis for each representative sample taken. All lab analyses must be in accordance with the specified USEPA Test methods for all relevant contaminants.
 - 3. The following sample number should be used as guidance for KPB SWD special waste disposal screening. All samples must be grab samples - no composite sampling is permitted unless approved by the Borough.

Cubic Yards of Waste	Minimum Number of Samples*
0 - 50	1
51 - 100	2
101 - 250	3
251 - 500	5
501 - 1000	7
1001 - 2000	10
>2000	10 +1 for each additional 500 CY

*The Borough on a case-by-case basis may approve fewer samples.

4. Type, quantity and major components of the contaminated products involved.
 5. Material Safety Data Sheets (MSDS) on all suspected chemical products for special waste or other solid waste associated with chemicals other than petroleum products.
 6. The proposed/desired date for disposal of the materials.
- C. The SWD may, on the basis of the above information, request more specific laboratory analyses for specific contaminants of the special waste or other solid waste prior to making a decision on the acceptance of the material. The SWD will provide written authorization for disposal of any special waste or other solid waste that is determined to be acceptable. The letter of authorization will include any specialized requirements for disposal. A copy of the authorization letter must be presented to the CPL Scalehouse Attendant at the time each load of material is delivered for disposal by the contracted hauler. Failure to have a current letter of authorization will result in the load being refused at the Scalehouse.
- D. Allow 5 business days for processing special waste disposal requests.
- E. The disposer of special waste or other solid waste must make specific disposal arrangements with the Solid Waste Department tel. 262-9667, fax 262-6090 at least 24 hours prior to bringing the waste to the CPL. Failure to accomplish either coordination or follow the directions given will result in refusing the load.
- F. Trucks hauling the waste loads will weigh-in and out at the CPL Scalehouse.

V. OTHER REQUIREMENTS

- A. Special Waste requests, inquiries, billing and disposal questions need to be directed to the Solid Waste Department:
- Phone 907-262-9667 FAX 907-262-6090
email specialwaste@borough.kenai.ak.us
- B. Special waste is accepted Monday through Friday, and all waste placement must be complete by 4:00 PM. Special waste disposal may occur on an alternative schedule if pre-approved in writing by the Borough.
- C. Failure to comply with these requirements will result in refusing the load. SWD Scalehouse attendants and operators have the authority to refuse loads at the CPL.
- D. All other requirements applicable for solid waste disposal – covered loads, hours, fees, etc. shall apply.