

**City of Nome**

**Municipal & Inert Debris Landfills**

**Site Operations Plan Amendment**

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**ASBESTOS AND ASBESTOS CONTAINING MATERIALS DISPOSAL POLICY**

**EFFECTIVE DATE:** August 25, 1998

**AMENDED:** October 8, 1998 (sect. V.H)

**Reference:** Section 5.0 of Lanfill Operations Plan  
Not Applicable to Monofill Operations Plan

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**I. AUTHORITY TO ESTABLISH DISPOSAL POLICY:**

The authority by which the City of Nome establishes disposal policies and procedures and conducts disposal operations is contained within the Municipal Charter of Nome, the Nome Municipal Code, Municipal Solid Waste Landfill Operations Plan and the State of Alaska Department of Environmental Conservation's Solid Waste Management Regulations, 18 AAC 60.

The Alaska Department of Environmental Conservation Landfill Operating Permit #9532-BA001 authorizes the Nome Municipal Landfill to accept asbestos waste materials for disposal. The Inert Debris Landfill is not permitted to accept asbestos waste materials.

**II. PURPOSE:**

The policy's purposes are to:

- A. Assist in the prevention of emission of particulate asbestos material to the outside air when asbestos and or asbestos containing waste materials are disposed at the Nome Municipal Landfill.
- B. Comply with State and Federal regulations concerning the disposal of asbestos containing materials.
- C. Insure proper record keeping.

**III. APPLICABILITY:**

This policy applies to any facility owner/operator, contractor of demolition, maintenance or renovation operation and transporter of asbestos and or asbestos containing waste materials and who is intending to dispose of these materials at the Nome Municipal Landfill.

Ordinarily, waste material which is generated ONLY within the City of Nome is accepted for disposal at the Nome Municipal Landfill. Asbestos containing waste material which has been generated outside of

the City of Nome may, on a case by case basis, and as determined by the City Engineer (907-443-6605), be accepted at the Nome Municipal Landfill.

**IV. DEFINITIONS APPLICABLE FOR THIS POLICY:**

A. ASBESTOS CONTAINING MATERIALS (ACM) -- Commercially processed asbestos containing more than 1 percent asbestos by area of the screened sample as determined by Polarized Light Microscopy (PLM). ACM may include the asbestos waste materials and materials contaminated with asbestos including disposable equipment, clothing and control device filters generated from renovation or demolition activities.

B. CATEGORY I NONFRIABLE ASBESTOS-CONTAINING MATERIAL -- asbestos-containing packings, gaskets, resilient floor covering and asphalt roofing products.

C. CATEGORY II NONFRIABLE ASBESTOS-CONTAINING MATERIAL -- asbestos-containing material such as shingles, wallboard or cementitious pipe that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

D. FACILITY -- Any institutional, commercial, public, industrial, or residential structure, installation, or building (including any structure, installation, or building containing condominiums or individual dwelling units operated as residential cooperative, but excluding residential buildings having four (4) or fewer dwelling units); any ship; and any active or inactive waste disposal site.

E. FRIABLE ASBESTOS MATERIAL -- ACM that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure.

F. NONFRIABLE ASBESTOS MATERIAL -- ACM that when dry, cannot be crumbled, pulverized or reduced to powder by hand pressure.

G. REGULATED ASBESTOS CONTAINING MATERIAL (RACM) -- RACM means:

1. Friable ACM;

2. Category I Nonfriable ACM that has become friable; and

3. Category II Nonfriable ACM that has a high probability of becoming, or has become, crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of a demolition or renovation operation regulated by 40 CFR 61, Subpart M, or in the course of disposal.

H. OWNER OR OPERATOR OF A DEMOLITION OR RENOVATION ACTIVITY -- Any person who owns, leases, operates, controls or supervises the facility being demolished or renovated and which contains ACM; or any person who owns, leases, operates, controls or supervises the demolition or renovation operation activities which involve ACM; or both.

I. ASBESTOS WASTE GENERATOR -- Any owner or operator whose act or process produces asbestos containing waste material.

J. ASBESTOS WASTE SHIPMENT RECORD (ASWR) -- The shipping document to be originated and signed by the waste generator, used to track and substantiate the disposition of asbestos containing waste material. The City of Nome requires ALL commercially generated ACM wastes, regardless of quantity or type, to be accompanied with a City of Nome letter authorizing the ACM to be disposed at the Nome Municipal Landfill and an Asbestos Waste Shipment Record when brought to the LANDFILL for disposal.

V. **GUIDELINES:**

A. Written notification by the asbestos waste generator or disposer is to be made to City of Nome City Engineer (**443-6605, fax 443-5349**) or the Landfill Operator (**Mr. Gary Hart at 443-5136, fax 443-5808**) on all projects entailing disposal of asbestos containing material (ACM) at the Nome Municipal Landfill. Notification can be in the form of the project notification provided to the EPA. City receipt of the notification will result in a letter for each asbestos project authorizing the disposal of the ACM at the LANDFILL and the assigning of a City asbestos authorization tracking number for the specific project. The City will provide an Asbestos Waste Shipment Record (AWSR) form numbered with the assigned asbestos authorization tracking number as an attachment to each Asbestos Disposal Authorization Letter. An example AWSR is attached for informational purposes only. Both the City authorization letter and the AWSR are to be presented to the Landfill Operator at the time the ACM is brought for disposal.

B. All ACM will be received for disposal at **only** the Nome Municipal Landfill (LANDFILL) at MP 3 Taylor Highway. No ACM of any type will be accepted at the Nome Inert Debris Landfill.

C. Regulated and all "Danger Bagged" and/or wrapped Non-regulated (nonfriable) ACM is accepted at the LANDFILL by appointment only. Non-regulated ACM is accepted at the LANDFILL by appointment only. No ACM transport vehicle or trailer will be left at the working face unattended or without a means of being moved by the ACM transporter.

ALL commercially generated ACM wastes must be scheduled for disposal at the LANDFILL to allow coordinating the LANDFILL disposal activities for the ACM delivery. This will be accomplished by notifying the Landfill Operator by facsimile transmission (443-5808) with the following information: ACM generating company's name; assigned City asbestos tracking AS number; and desired time and date the ACM waste will be arriving at the LANDFILL. This information will be transmitted to the Landfill Operator not later than 24 hours prior to the desired disposal time. If multiple disposals are being scheduled for a single day, notification is to be made not later than 24 hours prior to the first desired disposal time. **If a transporter misses the estimated time of arrival at the LANDFILL the load may be refused and not allowed to dump that day. The generator will need to reschedule for the next ACM accepting day. Because of operational constraints at the LANDFILL, there will be no non-scheduled ACM loads accepted at the LANDFILL.**

D. All asbestos waste generators (except the individual homeowner) are required to provide the City a completed and signed Asbestos Waste Shipment Record (AWSR) for each asbestos project at the time the ACM is brought to the LANDFILL for disposal.

E. All asbestos waste disposers (including individual home owners) are required to check in and out at the Operations Building. The disposers will provide an Asbestos Waste Shipment Record for each individual asbestos project at the time of check in at the Operations Building.

F. Federal and State of Alaska Municipal Solid Waste Management Regulations and the ADEC Landfill Operating Permit prohibit the disposal of "free liquids in quantities greater than commonly found in the average household" at the Nome Municipal Landfill. As such, all commercial ACM generators will dewater their ACM wastes to the extent that free liquid is not evident in the ACM waste container. If free liquid is evident in an ACM waste container, that container will be refused for disposal.

G. REGULATED ACM must be marked, packaged and transported in accordance with all Federal, State and City of Nome regulations. Any ACM waste containers determined by the City or its Operator to be inadequate will be immediately removed from the LANDFILL by the disposer.

H. NON-REGULATED (CATEGORY I NONFRIABLE) ACM does not have to be specially treated or packaged for disposal in the LANDFILL unless it is required to be by specific criteria contained within the applicable Federal, State or City regulations. NON-REGULATED ACM will, however, require both a City asbestos disposal authorization letter and an AWSR in order to be accepted at the LANDFILL. If, for whatever reason, NON-REGULATED ACM is bagged, wrapped or packaged for disposal, the City requires it to be scheduled, treated and disposed as if it is actually REGULATED ACM.

I. NON-REGULATED (CATEGORY II NONFRIABLE) ACM must be bagged, wrapped and/or packaged the same as if it was REGULATED ACM.

J. NON-REGULATED ACM will require both a City asbestos disposal authorization letter and an AWSR in order to be accepted at the LANDFILL. This material will be disposed of in the regular disposal cell in compliance with State regulations.

K. All REGULATED ACM waste will be placed in a specially designated Asbestos Disposal Area of the LANDFILL. REGULATED ACM containers will be hand placed in the designated Asbestos Area. If the container is too large or bulky (such as a CONEX box or large steam boiler) to be safely hand placed in the designated area, a mechanical means of placement may be used. It is the Landfill Operator's responsibility to provide the mechanical device for the placement. Dumping off of, or out of the bed of the transport vehicle is not an acceptable "mechanical means" of placement for REGULATED ACM.

L. EPA requires the landfill operator to inspect the disposal of ACM at the waste disposal site and to note any discrepancies on the AWSR. The Landfill Operator will inspect the following items:

1. Current Asbestos Disposal Authorization Letter;
2. Properly filled out AWSR;
3. Proper Warning Labels on the transport vehicle during unloading;
4. The ACM waste is properly enclosed or covered, wrapped or sealed in leak-tight containers;
5. There is NO free water evident in the leak-tight ACM waste container;
6. The ACM waste is properly labeled with the name of the waste generator and the location at which the waste was generated;

7. The ACM waste quantity delivered matches the quantity described on the AWSR;
8. The ACM waste is properly placed by the disposer in the designated area.

The Landfill Operator performing the delivery inspection will annotate the arrival and departure times of the ACM transporter and sign the AWSR for receipt of the ACM waste at the LANDFILL. The transporter of the ACM will provide a signed copy of the AWSR to the Landfill Operator at the time of the check out.

L. All ACM will be covered at the end of each operating day with at least six inches of compactible non-asbestos containing material.

M. The cost of disposing of ACM waste is based on cubic yard plus time and materials for special waste handling and will include but not be limited to equipment cost, equipment operator's time, administrative time and cover material cost. Current fee schedule is attached per Ordinance O-99-8-2 for special waste handling. The special handling fee will be charged in one-half hour increments based on the time the ACM disposer arrives at and departs from the designated ACM disposal area plus the time required to cover the waste material.

N. The Landfill Operator will receive the signed AWSR from the disposer at the time of check out. The Landfill Operator will attach a copy of the City Invoice to the AWSR. These will be submitted to the City Engineer at the beginning of the next business day after the ACM is accepted at the LANDFILL.

O. Individual private home owners are excluded from the applicable Federal and State asbestos regulations. **The City of Nome does not advocate that private home owners perform their own asbestos removal projects.** The following procedures will apply to the disposal of small quantities of ACM by individual private home owners only:

1. For the purpose of this policy, a small quantity of ACM is defined as no more than three bags or cartons of asbestos waste material, not to exceed one cubic yard in total volume. The bags or cartons must be of a size that is easily handled by the individual home owner.

2. The individual home owner need not have a letter of authorization, a waste shipment record or provide the 24 hour prior notification to the Landfill Operator to dispose of ACM. The individual home owner will be required to check in and out at the Operations Building for each visit to the LANDFILL. The Landfill Operator will log the individual home owner home address and residential telephone number on the "SPECIAL HANDLING LOG" at the time of check in. The Landfill Operator will annotate the arrival and departure times of the ACM and issue an invoice for the disposal of the ACM waste at the LANDFILL. These will be submitted to the City Engineer at the beginning of the next business day after the ACM is accepted at the LANDFILL.

3. All previously identified procedures regarding the packaging of the ACM and the days and hours it will be accepted will apply to the individual home owner.

4. The individual home owner will be charged the minimum to dispose up to three bags or cartons of ACM not exceeding 440 pounds in total weight. If the individual home owner has more than three bags or cartons of ACM, or more than 440 pounds in total weight, the disposal fee will be charged at the commercial rate.

5. Individual home owners with small quantities of ACM will be allowed to go to the designated asbestos area in the LANDFILL in their own private car or pickup to dispose of the ACM. The individual home owner will be directed to the designated asbestos disposal area. The Landfill operator will insure the individual home owner finds the designated asbestos disposal area and disposes of the expected number of bag or cartons. The individual home owner will place the bags or cartons himself. All bags or cartons must be properly sealed to prevent release of any materials. Broken or leaking bags or containers will be refused and the individual home owner will be advised the ACM will not be accepted until it is properly packaged and sealed.


P. Scrounging at the LANDFILL is in violation of City regulations and the ADEC Operating Permit. Should any individual be observed scrounging at the LANDFILL working face, that individual will be subject to being barred from the landfill.

Q. Attachments

- City of Nome "ASBESTOS WASTE SHIPMENT RECORD" (ASWR)
- City of Nome "ASBESTOS DISPOSAL AUTHORIZATION NUMBER" Letter
- City of Nome "ASBESTOS WASTE DISPOSAL INSPECTION GUIDELINES"
- City of Nome "ASBESTOS CONTROL LOG"
- Ordinance O-99-8-2 "Fee Structure"

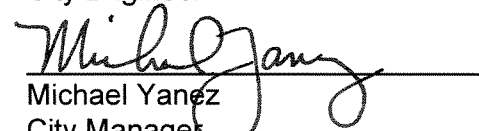
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Recommended:

  
Randy Romenesko, P.E.  
City Engineer

Date: 10.8.98

Approved:

  
Michael Yanez  
City Manager

Date: 10-9-98