



Municipality of Anchorage

Solid Waste Services

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MUNICIPALITY OF ANCHORAGE, SOLID WASTE SERVICES DEPARTMENT ASBESTOS AND ASBESTOS CONTAINING MATERIALS DISPOSAL POLICY

EFFECTIVE DATE: APRIL 1, 2008
REVISED DATE: APRIL 1, 2008

I. AUTHORITY TO ESTABLISH DISPOSAL POLICY:

The authority by which the Solid Waste Services Department establishes disposal policies and procedures and conducts disposal operations is contained within the Anchorage Municipal Code and the State of Alaska Department of Environmental Conservation's Solid Waste Management Regulation, 18 AAC 60, as amended through September 7, 2002.

The Alaska Department of Environmental Conservation Landfill Operating Permit 0121-BA001 authorizes the Anchorage Regional Landfill to accept asbestos waste materials for disposal.

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 material is disposed at the Anchorage Regional 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 Anchorage Regional Landfill.

Ordinarily, waste material that is generated ONLY within the Municipality of Anchorage is accepted for disposal at the Anchorage Regional Landfill. Asbestos containing waste material that has been generated outside of the Municipality of Anchorage may, on a case-by-case basis, and as determined by

the Asbestos Project Administrator (Tele. 907-343-6262, Fax 561-1357, e-mail swsacm@muni.org), be accepted at the Anchorage Regional Landfill.

IV. DEFINITIONS APPLICABLE FOR THIS POLICY:

A. ASBESTOS CONTAINING MATERIALS (ACM) -- Commercially processed asbestos containing more than 1 percent asbestos, determined using the method in 40CFR 763, Subpart E, Appendix E, Polarized Light Microscopy (PLM), revised as of July 1, 1997. ACM may include the asbestos waste materials and materials contaminated with asbestos including debris, disposable equipment, clothing and control device filters generated from renovation or demolition activities.

B. CATEGORY I NONFRIABLE ASBESTOS -- ACM in the form of asphalt roofing products, gaskets, packings and resilient floor covering which contains more than 1 percent asbestos, determined using the method in 40CFR 763, Subpart E, Appendix E, Polarized Light Microscopy (PLM), revised as of July 1, 1997.

C. CATEGORY II NONFRIABLE ASBESTOS -- NONFRIABLE ACM, excluding CATEGORY I NONFRIABLE ACM, such as asbestos cementitious shingles, wallboard and pipe that contain more than one percent asbestos, determined using the method in 40CFR 763, Subpart E, Appendix E, Polarized Light Microscopy (PLM), revised as of July 1, 1997, and 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 contains more than one percent asbestos, determined using the method in 40CFR 763, Subpart E, Appendix E, Polarized Light Microscopy (PLM), revised as of July 1, 1997, and when dry, can be crumbled, pulverized, or reduced to powder by hand pressure.

F. NONFRIABLE ASBESTOS CONTAINING 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 which has become friable, or which will be, or has been, subject to sanding, grinding, cutting or abrading; and
3. Category II Nonfriable ACM which 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 61.145, revised as of July 1, 1997, or in the course of disposal operations. For the purpose of this disposal policy, Solid Waste Services considers ALL Category II Nonfriable ACM to be RACM.

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 -- The shipping document to be originated and signed by the waste generator, used to track and substantiate the disposition of asbestos containing waste material. Solid Waste Services Department requires ALL commercially generated ACM wastes, regardless of quantity or type, to be accompanied with a Solid Waste Services letter authorizing the ACM to be disposed at the Anchorage Regional Landfill and an Asbestos Waste Shipment Record (AWSR) when brought to the Landfill for disposal. Failure to have both the letter of authorization and the AWSR will result in the load being refused at the ARL Scalehouse.

V. GUIDELINES:

A. Written notification by the asbestos waste generator or disposer is to be made to the Solid Waste Services (SWS) Asbestos Project Administrator (907-343-6262, fax: 907-561-1357, e-mail: swsacm@muni.org) on all projects entailing disposal of commercially generated asbestos containing material (ACM) at the Anchorage Regional Landfill. Notification can be in the form of the project notification provided to the EPA. SWS 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 SWS asbestos authorization tracking number for the specific project. SWS 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 SWS authorization letter and the AWSR are to be presented to the Landfill Scalehouse Attendant at the time the ACM is brought for disposal. Failure to have both the letter of authorization and the AWSR will result in the load being refused at the ARL Scalehouse.

B. All ACM will be received for disposal at **only** the Anchorage Regional Landfill (ARL) at Hilland Road and Glenn Highway. **No ACM of any type will be accepted at the Central Transfer Station or the Girdwood Transfer Station.**

C. **ALL** commercially generated ACM wastes must be scheduled for disposal at the ARL to allow coordinating the ARL disposal activities for the ACM delivery. This will be accomplished by notifying the ARL General Foreman by facsimile transmission (428-1697) with the following information: ACM generating company's name; assigned SWS asbestos tracking AS number; and desired time and date the ACM waste will be arriving at the ARL. This information will be transmitted to the ARL General Foreman 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 ARL the load may be refused at the Scalehouse 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 ARL, non-scheduled ACM loads will not be accepted at the ARL.

D. All Regulated and Non-regulated (nonfriable) ACM is accepted at the ARL only on Wednesday and Thursday, 09:00 A.M. - 12:00 M. and 13:00 - 16:00 P.M. Regardless of the type, no ACM will be accepted for disposal during the lunch hour, 12:00 M. to 13:00 P.M.. No asbestos will be accepted after 16:00 P.M.; the ACM transporter must remove his vehicle from the working face no later than 16:00 P.M. If the ACM transporter is not finished off loading the ACM load by 16:00 P.M., he must leave the working face and reschedule another disposal time and date to finish the ACM off loading. 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.

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

F. It is the responsibility of the generator of the asbestos wastes to control his/her transporter while operating on the Anchorage Regional Landfill and to ensure the transporter adheres to the Landfill's rules, posted speed limits and traffic directions. Failure of the generator to exercise adequate control over the transporter(s) will result in the immediate cancellation and retraction of the Asbestos Containing Waste Disposal Authorization Letter and refusal at the Scalehouse of any subsequent loads associated with that Asbestos Containing Waste Disposal Authorization.

G. All asbestos waste disposers (including individual homeowners) are required to weigh in and weigh out at the ARL Scalehouse. If a disposer has ACM waste from multiple asbestos projects loaded on one vehicle, the disposer will weigh in and weigh out for each individual project. The disposers will provide an Asbestos Waste Shipment Record for each individual asbestos project at the time of weigh in at the ARL Scalehouse.

H. 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 Anchorage Regional 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.

I. REGULATED ACM must be marked, packaged and transported in accordance with all Federal, State and Municipality of Anchorage regulations. Any ACM waste containers determined by SWS to be inadequate will be immediately removed from the Landfill by the disposer. SWS will not accept "burrito bags/rolls" as containers for disposing either regulated or nonregulated ACM at the ARL.

J. NON-REGULATED (CATEGORY I NONFRIABLE) ACM does not have to be specially treated or packaged for disposal in the ARL unless it is required to be by specific criteria contained within the applicable Federal or State regulations. NON-REGULATED ACM will, however, require both a SWS asbestos disposal authorization letter and an AWSR in order to be accepted at the ARL. If, for whatever reason, NON-REGULATED ACM is bagged, wrapped or packaged for disposal, SWS requires it to be scheduled, treated and disposed as if it is actually REGULATED ACM. SWS will not accept "burrito bags/rolls" as containers for disposing either regulated or nonregulated ACM at the ARL.

K. SWS requires CATEGORY II NONFRIABLE ACM to be bagged, wrapped or packaged, labeled, handled and placed the same as if it was REGULATED ACM.

L. All REGULATED ACM waste will be hand 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" container, large steam boiler, or one-yard Super Sak™) to be safely hand placed in the designated area, a mechanical means of placement may be used. It is the owner/operator/generator/disposer'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.

M. SWS requires all gypsum wall board (GWB) systems, when determined by AK Department of Labor, Occupational Safety and Health (AKOSH) regulations to be removed from a remodeling or demolition project as Class II Asbestos Work, to be bagged, wrapped or packaged, labeled, handled and placed as if it were REGULATED ACM in order to be disposed at the ARL.

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

1. Current Asbestos Disposal Authorization Letter;
2. Properly filled out AWSR and that the SWS assigned asbestos disposal authorization number matches the number on the Asbestos Disposal Authorization Letter;
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, as applicable;
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; and
8. The ACM waste is properly placed by the disposer in the designated area.

The ARL person 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 Scalehouse Attendant at the time of the weigh out.

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

P. The cost of disposing of ACM waste is based on weight plus a special waste-handling fee. The special waste-handling fee will include but not be limited to time and materials for equipment cost, equipment operator's time, administrative time and cover material cost. Current charge is \$53.00 per ton disposal fee plus \$70.00 per one-half hour special waste-handling fee. The disposal fee will be double, \$103.00 per ton, for ACM wastes generated from outside the Municipality of Anchorage and determined to be accepted for disposal at the ARL. 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.

There is no disposal fee for ACM generated from facilities on Fort Richardson which are in direct support of the Active Duty Army's mission within Alaska. **If it is determined that a facility is NOT in direct support of the Active Duty Army's mission in Alaska, the disposal fee and special waste-handling fees will be charged for the disposal of ACM waste generated from that facility.**

Q. The ARL Scalehouse Attendant will receive the signed AWSR from the disposer at the time of weigh out. The Scalehouse Attendant will attach a copy of the weigh ticket to the AWSR. These will be submitted to the Project Administrator at the beginning of the next business day after the ACM is accepted at the ARL.

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

S. Individual private homeowners are excluded from the applicable Federal and State asbestos regulations. The Solid Waste Services Department does not advocate that private

homeowners perform their own asbestos removal projects. The following procedures will apply to the disposal of small quantities of ACM generated by individual private homeowners 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 homeowner.
2. The individual homeowner need not have a letter of authorization, a waste shipment record or provide the 24-hour prior notification to the ARL General Foreman to dispose of ACM. The ACM acceptance times and days will apply to the individual homeowner. The individual homeowner will be required to weigh in and out at the Scalehouse for each visit to the Landfill. The Scalehouse Attendant will issue the individual homeowner an SWS "SPECIAL HANDLING LOG" annotated with the asbestos authorization number of "AS0X999" ("X" will denote the year of the transaction) at the time the homeowner weighs in at the Scalehouse. The individual homeowner will annotate his home address and residential telephone number on the "SPECIAL HANDLING LOG" when he receives the form from the Scalehouse Attendant. The individual homeowner will present the "SPECIAL HANDLING LOG" to the ARL person performing the delivery inspection for receipt of the ACM waste at the Landfill. The ARL person performing the delivery inspection will annotate the arrival and departure times of the ACM, ensure the individual homeowner has annotated his home address and residential telephone number, and then sign the "SPECIAL HANDLING LOG" for receipt of the ACM waste at the Landfill. The individual homeowner will present the completed "SPECIAL HANDLING LOG" to the Scalehouse Attendant at the time of weigh out. The Scalehouse Attendant will use the SWS ASBESTOS AUTHORIZATION NUMBER OF "AS0X999" to log individual homeowners into the computer. The Scalehouse Attendant will attach a copy of the weigh ticket to the "SPECIAL HANDLING LOG". These will be submitted to the Project Administrator at the beginning of the next business day after the ACM is accepted at the ARL.
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 homeowner.
4. The individual home owner will be charged a minimum fee of fifteen dollars (\$15.00) to dispose up to three bags or cartons of ACM not exceeding 440 pounds in total weight per day. 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 of \$53.00 per ton and \$70.00 per one-half hour for special waste handling.
5. Individual homeowners 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 Scalehouse Attendant will notify a Landfill equipment operator that an individual homeowner is arriving to dispose of ACM and the number of bags or cartons to expect. The individual homeowner will then be directed to the designated asbestos disposal area. The Landfill equipment operator will insure the individual homeowner finds the designated asbestos disposal area and disposes of the expected number of bags or cartons. The individual homeowner 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 homeowner will be advised the ACM will not be accepted until it is properly packaged and sealed.

VI. OTHER REQUIREMENTS:

- A. Solid Waste Services Department points of contact are:

1. Asbestos Containing Waste Project Administrator, Tele: 343-6262, Fax: 561-1357, e-mail: swsacm@muni.org .
 2. Disposal fees and billing procedure questions are to be referred to Customer Service, Tele: 343-6251, Fax: 561-1357.
 3. Anchorage Regional Landfill General Foreman, Tele: 428-0864(voice mail) or 428-1027, Fax: 428-1697.
- B. Failure to comply with these requirements will result in refusing the load. Solid Waste Services scalehouse attendants and operators have the authority to refuse any loads at the Anchorage Regional Landfill and the Central and Girdwood Transfer Stations.
- C. All other requirements applicable for solid waste disposal - covered loads, hours, fees etc., shall apply.