



## **BOONE COUNTY LANDFILL OPERATIONAL POLICY**

### **ASBESTOS ACCEPTANCE AND DISPOSAL FEE POLICY**

**POLICY AND PURPOSE:** The Boone County Landfill has established an acceptance protocol and disposal fee schedule for asbestos waste generated from within the local solid waste planning area. The purpose of this policy is to ensure that wastes from these types of activities are dealt with in a pro-active manner which does not adversely impact employee and customer health, normal Landfill operations, Landfill airspace capacity, or waste diversion efforts.

No asbestos waste generated from outside the local solid waste planning area will be excepted unless due to an exceptional event and a written request is made by another planning area for disposal assistance. Such a request will require formal approval by the Boone County Board of Supervisors and the Iowa Department of Natural Resources.

The Boone County Landfill will not accept non-processed demolition waste from projects that exceed 300 tons (estimated total building weight prior to demolition) as detailed in the Landfill's "Large-Scale Demolition Debris - Remediation Policy." This policy contains a variance procedure for large-scale demolitions required due to fires or natural disasters.

The Boone County Landfill will commence to accept asbestos waste on January 1, 2010. This policy may be changed or replaced at any time by the Boone County Board of Supervisors.

**EXEMPTIONS TO POLICY:** This policy does not apply to demolition or renovation of properties that either: 1) have been properly tested and results show they do not contain asbestos, or 2) have been fully abated by a licensed abatement contractor and which can provide the Landfill with an ACM abatement certificate.

#### **DEFINITIONS:**

**Abatement Certificate:** Means a form that has been completed by a licensed asbestos abatement company that certifies all asbestos has been removed from a building or other type of construction.

**ACM Active Face:** Means the designated unloading and disposal point for ACM waste loads. The ACM active face will be clearly marked with a sign that states, "*Asbestos Disposal Area Only - Landfill Load Inspector Must Be Present During All Unloading.*"

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**Asbestos Acceptance Schedule:** Means the schedule established by the Landfill Administrator/Recycling Coordinator for the acceptance of ACM waste. This schedule shall consist of, at a minimum, one day per week with a back-up day in case of inclement weather. The Landfill Administrator/Recycling Coordinator may increase the number of days ACM waste is accepted each week if warranted. All ACM waste deliveries shall be made on an appointment basis only. Failure to make an appointment will result in the load being rejected until the next scheduled asbestos acceptance day.

On any day that the Landfill accepts ACM waste, all loads must be delivered by one hour before the Landfill's normal gate closure time. This will ensure that staff have adequate time to properly cover the ACM waste material prior to having to cover the MSW active face.

**Asbestos Containing Material (ACM):** Means mill tailings or any waste that contains commercial asbestos and is generated by a source subject to the provisions of the Code of Federal Regulations [40 CFR 61, Subpart M.] This term includes filters from control devices, friable asbestos waste material, and bags or other similar packaging contaminated with commercial asbestos. As applied to demolition and renovation operations, this term also includes regulated asbestos containing material waste and materials contaminated with asbestos including disposal equipment, clothing and other personal protective equipment.

**Friable Asbestos Material:** Means any material containing more than 1 percent asbestos that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure.

**Manifest:** Means a document which the ACM waste transporter fills out and which covers the transport of the ACM waste between two locations. The Manifest will describe the type and quality of the asbestos, name and location of the generator, and the name and location of the receiving facility. Legible copies of all Manifests will be retained by the Boone County Landfill.

**MSW Active Face:** Means the designated unloading and disposal point for municipal solid waste.

**Proper Packaging/Containment of ACM waste:** All ACM waste being disposed of in the Landfill must be properly packaged/contained at the generator's location to ensure that no air-borne emissions can occur during transport to, and unloading at, the Landfill. ACM waste must be wetted sufficiently and contained in leak-proof bags or fiber drums. Large demolitions due to fires or natural disasters that require an entire structure to be disposed must be delivered in a wrapped system that will not be compromised during loading, transport and unloading.

**Load Inspector:** Means an Iowa IDNR certified Landfill operator in the employ of Boone County.

### ASBESTOS DISPOSAL FEE SCHEDULE:

**ACM Waste Disposal Fees:** All ACM waste delivered to, and accepted by, the Boone County Landfill shall pay a per ton fee equal to three (3) times the per-capita fee for Municipal Solid Waste. A minimum fee equal to the amount charged for 500 pounds will apply to each load of ACM waste.

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### **ACM Waste Disposal Fees (continued):**

For residential and commercial structures that have been destroyed by either fire or natural disaster and which must be disposed of as ACM waste in their entirety, the loads must be delivered in bulk and properly packaged. For this type of ACM waste delivered to, and accepted by, the Boone County Landfill shall pay a per ton fee equal to two (2) times the per-capita fee for Municipal Solid Waste. A minimum fee equal to the amount charged for 500 pounds will apply to each load of ACM waste.

**STANDARD OPERATING PROCEDURES:** The following acceptance criteria for the above reference waste has been established.

### **Prior to ACM Waste Delivery:**

- 1) The transporter of the waste is required to contact the Boone County Landfill in advance of delivering waste material to ensure compliance with this policy. The transporter must make an appointment prior to delivery.
- 2) Landfill staff will question the transporter to determine if the transporter has a copy of the most recent version of this policy. If not, staff will make arrangements to fax, email or mail this policy to the transporter.
- 3) Landfill staff will advise the transporter of the next scheduled day for ACM waste acceptance. If the transporter requests a different day, Landfill staff will refer the call to the Landfill Administrator/Recycling Coordinator to review the request.
- 4) Landfill staff will advise the transporter to follow all requirements of this policy and to make sure that when they deliver the load a complete and accurate Manifest accompanies the load.
- 5) For ACM waste loads, the generator will not be required to obtain a separate Special Waste Authorization from either the Iowa Department of Natural Resources or the Boone County Landfill.

### **At Time of ACM Waste Load Delivery:**

- 1) All ACM waste delivered to the Boone County Landfill must be delivered in a either a covered vehicle/trailer or it must be must be securely tarped. Where appropriate, vehicles equipped with tailgates must have their tailgates installed and in the closed position. Failure to securely tarp An ACM waste load will result in the load being assessed an uncovered load fee and the Landfill will notify applicable local, state and federal authorities.

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- 2) The transporter must declare to the scale attendant that they have a load of ACM waste. The scale attendant will confirm that the transporter has an appointment.
  - A) Appointment confirmed: The scale attendant will ask the transporter for the Manifest and make a copy. The Manifest will be returned to the transporter. The scale attendant will notify the Landfill foreman or his Landfill operator designee that a load of ACM waste is on the scale and will be directed to the ACM active face. The transporter will be instructed to NOT start unloading until a load inspector has inspected his load and Manifest and confirmed compliance.
  - B) No appointment made - scheduled ACM waste acceptance day: If no appointment was made, Landfill staff will determine if the visit is the transporter's first to the Landfill with ACM waste:
    - i) If first visit: A warning will be given and the transporter will be permitted to proceed with unloading at the ACM waste active face providing all paperwork is in order. A copy of this policy shall be provided to the transporter. Scale attendant shall add transporter's name to a list of "first-time users that have received a warning." This list shall be kept at the scale for scale attendant reference.
    - ii) If not the first visit, the load will be rejected and the transporter will be provided with a copy of this policy and informed of the next scheduled ACM waste acceptance day. A record will be kept of the waste Manifest.
  - C) No appointment made - non scheduled ACM waste acceptance day. The load will be rejected and the transporter will be provided with a copy of this policy and informed of the next scheduled ACM waste acceptance day. The Landfill will retain a copy of the rejected load's waste Manifest.
- 3) The Landfill foreman or his Landfill operator designee will meet the transporter at the ACM active face and serve as the Load Inspector. The load will be inspected and compared to the Manifest.
  - A) If the Manifest does not match what is on the load, the load is to be rejected and the scale attendant notified. A load inspection/ACM waste checklist form will be completed by the Load Inspector.
  - B) If the Manifest and load match, the Load Inspector shall make sure that the ACM waste is properly packaged and wetted down and can be safely buried. If it is not, the Load Inspector shall reject the load and inform the scale attendant. A load inspection/ACM waste checklist form will be completed by the Load Inspector.

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C) If the Manifest and load match and the ACM waste is properly packaged and wetted down the Load Inspector shall direct the transporter where to unload. A load inspection/ACM waste checklist form will be completed by the Load Inspector.

- 4) Once unloading is complete, the Load Inspector shall notify the scale attendant.
- 5) The Load Inspector shall notify a supervisor immediately if any dust emissions occur while tipping.
- 6) Each day ACM waste is accepted it shall be covered commencing one hour before the MSW active face closes. Landfill Operators shall make every effort to cover the ACM waste in a manner that will not result in ACM dust emissions. If necessary, ACM waste can be wetted down by Landfill staff prior to applying daily cover.
- 7) If dust emissions are observed during cover operations, the Landfill operator shall immediately notify a supervisor. The area will be wetted down and additional cover will be applied.

Any person exposed to ACM dust emissions should be provided with medical attention as quickly as possible.

Any notifications required to be made to the USEPA and/or IDNR will be made promptly and completely.

- 8) Any loads delivered that are not in compliance with this policy will be rejected until such time as compliance can be demonstrated.

Variances from this policy may be requested due to extenuating circumstances. Any variance request must be made in writing and submitted to the Boone County Landfill Administrator/Recycling Coordinator prior to the start of the project. Please note that no guarantee is made or implied that any variance requested will be approved. No variance will be considered or granted that would be in conflict with any applicable Federal, State or local statute or regulation.

**Approved by the Boone County Board of Supervisors on October 27, 2009.**