

LAND

Guidelines for Debris Management

This fact sheet is intended to assist public officials in making decisions about debris management. There are several key considerations in the decision process. They are:

- Need for rapid removal
- Potential reimbursement by the Federal Government
- Protection of the public health and environment
- Future liability

WHAT YOU CAN DO RIGHT NOW

Each community should set up one or more staging areas where citizens or cleanup crews can take debris. Whenever feasible the debris should be sorted into five (5) separate piles. Staging areas must be located on publicly owned property or arrangements must be made with private landowners for use of the staging area to qualify for federal assistance. You may want to consider labeling the piles to prevent confusion as volunteer cleanup crews begin to sort through the debris. The five piles should consist of:

- Limbs
- Cars and Appliances
- Construction Waste
- Rock and Brick (not regulated as solid waste)
- Chemicals (Chemicals should not be piled, but stored neatly and segregated)

Examples:

- Explosives (ammunition, black powder, military ordinance, fireworks, etc.)
- Fuel containers or tanks (metal or plastic)
- Pressurized gas cylinders
- Containers of chemicals such as solvents, paint thinners, etc.
- Pesticides
- Swimming pool chemicals--particularly chlorine
- Automobile and other large batteries
- Paint containers



OPTIONS FOR DEBRIS DISPOSAL

In an effort to assist with debris management, the DEQ has compiled a list of all known options. Based on economic and environmental reasoning, the following options are listed in order of preference:

- (1) Contract with a private contractor
- (2) DEQ approved emergency disposal sites

CONTRACT WITH A PRIVATE CONTRACTOR

Some communities may wish to contract with a private contractor to remove their storm debris. If you decide to use this option, you should be aware that your federal reimbursement may be jeopardized if you fail to comply with environmental requirements.

EMERGENCY DISPOSAL SITES

When other options are not available, the DEQ can assist communities in establishing emergency disposal sites for storm debris. Emergency disposal sites could include: (1) sites for staging waste for later disposal; (2) sites for burying certain non-hazardous waste; or (3) sites for chipping or burning tree limbs. Below are listed factors to assist public officials in site selection. These factors are intended to minimize the threat of harm to the public health and environment and to minimize future liability.

NOTE: Burying solid waste in an unlined pit may present a threat to the public health and environment and could become an unintended future liability for the community and the landowner.

Emergency Burial Sites:

- Cannot be located within 1/4 mile of a private or public water supply (surface or ground).
- Cannot be located within a 100-year flood plain or any federally designated wetland. (The flood plain map used for locating the site shall be an original Flood Insurance Rate Map prepared by the Federal Emergency Management Agency, a copy of the Flood Prone Area Map prepared by the United States Geological Survey or an equivalent constructed map that depicts the limits and elevations of any one-hundred (100) year flood plain on or adjacent to the proposed site.)
- If the site will receive any putrescible waste that may attract birds, it cannot be located within 5,000 feet (1,524 meters) of any airport runway used only by piston-engine aircraft, or within 10,000 feet (3,048 meters) of any airport runway used by turbojet aircraft, except as may be approved by the U.S. Federal Aviation Administration.
- Cannot accept hazardous waste, radioactive waste, regulated polychlorinated biphenyls (PCB) waste or regulated infectious wastes. Said waste must be disposed of in a facility specifically permitted to accept such wastes.



- Must be properly closed and covered with three (3) feet of soil within 90 days after the tornado.
- Additional federal criteria must also be met in selecting these sites in order to qualify for FEMA reimbursement. (FEMA declaration is pending)

Chipping Tree Limbs

The preferred option for disposing of tree limbs is chipping the limbs for re-use as mulch or for volume reduction for later disposal at a permitted landfill. For additional information on chipping and reuse of chipped limbs please refer to DEQ Fact Sheet - Wood Chip Guidance Fact Sheet.

For information regarding the availability of chippers in your area, contact Fenton Rood at (405) 702-5100.

Emergency Burning:

Burning any combustible material results in emissions of carbon monoxide, particulate matter, nitrogen oxide, sulfur dioxide and air toxics.

NOTE: Burning solid waste may present a threat to the public health and environment and could become an unintended future liability for the community.

If a community decides to burn their tree limbs, the guidelines listed below should be followed in order to minimize the threat of harm to the public:

- Situate the burn location as far as possible from area residences. (A minimum of one-quarter mile is strongly recommended.
- Ensure there are no petroleum pipelines on or near the burn site to avoid explosion hazards.
- Follow recommended sorting procedures to eliminate items that should not be burned. Asbestos, oils, PVC pipe, fertilizer, rubber and tires should never be burned.
- Minimize the amount of dirt and other non-combustible materials to achieve the most efficient burn.
- Have someone on site at all times along with fire fighting equipment.
- Control the burning so that the smoke does not create a traffic hazard.
- Notify area residents if open burning is to occur.
- Additional federal criteria must also be met in selecting and operating these sites in order to qualify for FEMA reimbursement. (Consult DEQ for assistance with these criteria.)

Open Pit Incinerators (Air Curtain Destructors)*

If burning is the selected option, open pit incinerators are the best choice available due to their higher combustion efficiency. These incinerators burn at high temperatures and when properly operated are effective in reducing debris waste.

Open Burning*

Open burning of brush piles is the least efficient method of burning. Open burning produces more air pollution than the open pit incinerators. In the past, some disaster areas have had to discontinue open burning due to public outcry. In addition, due to incomplete combustion, there is more residual waste and a greater amount of particulate emissions.

* In remote areas, the burning of trees and limbs may be the best option for disposal.

II. SITE SELECTION

Local environmental specialists can assist you with finding a suitable site and complying with any state and federal environmental requirements. Staging areas and disposal sites can be located on publicly owned property or on private property. (A sample legal access agreement is included in the event that you choose to use private land for a staging or chipping

area or a disposal site.) All sites used as staging or chipping areas or emergency disposal sites must be registered with DEQ using the included “Emergency Disposal Site Evaluation and Registry” form.

Additional Legal Access Agreement forms and Emergency Disposal Site Evaluation and Registry forms may be obtained at your local DEQ office:

<p>Ada DEQ Office 1630 E. Beverly, Ste #103 Ada, OK 74820 (580) 332-3157</p>	<p>Alva DEQ Office 324 7th Ave. Ste. 4 Alva, Oklahoma 73717 (580) 327-2649</p>	<p>Ardmore DEQ Office 39 N. Washington, Room # 316 Ardmore, OK 73401 (580) 226-2554</p>
<p>Bartlesville DEQ Office 4100 S.E. Adams Rd, Rm. #C-108 Bartlesville, OK 74006 (918) 333-2734</p>	<p>Burns Flat DEQ Office 420 Sooner Drive, Rm. 122 Burns Flat, Oklahoma 73624 (580) 562-4394</p>	<p>Chouteau DEQ Office 105 S. McCracken Chouteau, Ok. 74337 (918) 476-8588</p>
<p>Claremore DEQ Office 24797 S. Hwy. 66 Claremore, Oklahoma 74019 (918) 341-7179</p>	<p>Duncan DEQ Office 1313 W. Ash, Ste.# 106 Duncan, OK 73533 (580) 255-6068</p>	<p>Durant DEQ Office 224 W Evergreen, Ste. 320C Durant, OK 74702 (580) 920-2037</p>
<p>Enid DEQ Office 115 W. Broadway, Ste. 209 Enid, Oklahoma 73701 (580) 234-0997</p>	<p>Guymon DEQ Office 225 E. Hwy. 74 Guymon, Oklahoma 73942 (580) 338-1357</p>	<p>Henryetta DEQ Office 107 N. 1st St. Henryetta, OK 74437 (918) 652-0446</p>
<p>Grove DEQ Office 2098 S. Main Grove, Oklahoma, 74344 (918) 787-5582</p>	<p>Lawton DEQ Office 601 SW“C” Avenue Lawton, OK 73502 (580) 357-9733</p>	<p>McAlester DEQ Office 321 S. 3rd, Ste. # 5 McAlester, OK 74501 (918) 423-3482</p>
<p>Miami DEQ Office 34 A. Street NE Rm. #300A Miami, Ok. 74355 (918) 540-0150</p>	<p>Oklahoma City DEQ Office 707 N. Robinson Oklahoma City, OK 73101 (405) 702-6100</p>	<p>Ponca City DEQ Office 222 E. Grand, Ste. #214 Ponca City, Ok. 74602 (580) 762-1907</p>
<p>Poteau DEQ Office 1501 S. McKenna, Room # 13 Poteau, OK 74953 (918) 647-5734</p>	<p>Purcell DEQ Office 302 W. Main, Suite 105 Purcell, OK 73080 (405) 527-8738</p>	<p>Sallisaw DEQ Office 111 N Elm, Suite D Sallisaw, OK 74955 (918) 790-2498</p>
<p>Shawnee DEQ Office 127 N. Park Shawnee, OK 74801 (405) 275-7967</p>	<p>Stillwater DEQ Office 217 W. 5th, Ste. #5 Stillwater, Ok. 74074 (405) 372-7387</p>	<p>Tahlequah DEQ Office 908 S. College Ave. Tahlequah, OK 74464 (918) 456-5714</p>

Tulsa DEQ Office 3105 E. Skelly Dr. Ste. 200 Tulsa, OK 74105 (918) 293-1600	Valliant DEQ Office 410 N. Dalton Valliant, OK 74764 (580) 933-5566	Wagoner DEQ Office 401 E. Cherokee St. Wagoner, OK 74477 (918) 485-8873
Wheatland DEQ Office 7825 Winnie Wheatland, Oklahoma 73097 (405) 745-7120	Wilburton DEQ Office 216 E. Main Wilburton, OK 74578 (918) 465-5218	Woodward DEQ Office 2411 Williams Ave. Ste.#116 Woodward, Oklahoma 73801 (580) 256-0641

III. PERMITTED LANDFILLS

County	Facility Name	Phone	Facility Type
ADAIR	Cherokee Nation Sanitary Landfill	(918)696-5490	Municipal Solid Waste Landfill
BECKHAM	Elk City Municipal Landfill	(580)225-3246	Municipal Solid Waste Landfill
	Sayre Municipal Landfill	(580)928-3420	Municipal Solid Waste Landfill*
BLAINE	City of Watonga Transfer Station	(580)623-1565	Transfer Station
BRYAN	City of Durant Landfill Station	(580)920-2579	Construction/Demolition Landfill
	City of Durant Transfer Station	(580)920-2579	Transfer Station
CADDO	City of Eakly Transfer Station	(580)262-0161	Transfer Station
CANADIAN	OEMA Landfill	(405)483-5402	Municipal Solid Waste Landfill*
	City of Yukon Transfer Station	(405)354-5721	Transfer Station
CARTER	Southern OK Reg. Disposal Landfill	(580)226-1276	Municipal Solid Waste Landfill
CHEROKEE	Hulbert West Transfer Station	(918)458-6573	Transfer Station
	North Moody Transfer Station	(918)458-6573	Transfer Station
	South Tenkiller Transfer Station	(918)458-6573	Transfer Station
	Tahlequah SW Transfer Station	(918)456-8322	Transfer Station
CIMMARON	Boise City SW Transfer Station	(580)544-2271	Transfer Station
CLEVELAND	Norman Yardwaste Compost	(405)292-9725	Composting Facility
	Norman Transfer Station	(405)292-9776	Transfer Station
COMANCHE	City of Lawton Landfill	(580)581-3468	Municipal Solid Waste Landfill
	Ft. Sill C/D Landfill	(580)442-3048	Construction/Demolition Landfill
	Ft. Sill Composting Facility	(580)442-3048	Composting Facility
	Ft. Sill Landfill	(580)442-3048	Municipal Solid Waste Landfill
COTTON	MCSA Transfer Station	(580)549-6717	Transfer Station
	Temple Utilities Auth. Landfill	(580)342-5513	Construction/Demolition Landfill
CRAIG	Vinita Transfer Station	(918)256-1024	Transfer Station
CREEK	Bristow Transfer Station	(918)367-6622	Transfer Station
	Creek County Landfill	(918)299-3755	Construction/Demolition Landfill
CUSTER	Clinton Transfer Station	(580)323-4636	Transfer Station
	Weatherford Transfer Station	(580)772-7169	Transfer Station
DELAWARE	Delaware Co. Transfer Station #1	(918)786-1036	Transfer Station
	Delaware Co. Transfer Station #2	(918)786-1036	Transfer Station
GARFIELD	City of Enid Landfill	(580)249-4917	Municipal Solid Waste Landfill
GARVIN	Pauls Valley Transfer Station	(405)238-3300	Transfer Station
	Pauls Valley Landfill	(405)238-2012	Municipal Solid Waste Landfill*
GRADY	Great Plains Landfill	(405)745-4141	Municipal Solid Waste Landfill*
	Southern Plains Landfill	(405)785-2060	Municipal Solid Waste Landfill
	Washita Pipe & Steel Trans. Station	(405)222-4454	Transfer Station

HASKELL	Haskell County Transfer Station	(918)967-0812	Transfer Station
JACKSON	City of Altus Landfill	(580)447-0121	Municipal Solid Waste Landfill
JEFFERSON	City of Waurika Transfer Station	(580)228-2714	Transfer Station
KAY	Ponca City Landfill	(580)767-0417	Municipal Solid Waste Landfill
KINGFISHER	Kingfisher County Transfer Station	(405)375-3705	Transfer Station
KIOWA	Kiowa County Transfer Station-OEMA	(405)262-0161	Transfer Station
LEFLORE	Arkoma Transfer Station	(918)647-8516	Transfer Station
	Heavener Transfer Station	(918)647-8516	Transfer Station
	Poteau Transfer Station	(918)647-8516	Transfer Station
	Spiro Transfer Station	(918)647-8516	Transfer Station
	Talihina Transfer Station	(918)647-8516	Transfer Station
LINCOLN	AMD, Inc. City of Prague Landfill	(405)567-3806	Municipal Solid Waste Landfill
	Stroud Facility	(918)968-0017	Biomedical Waste Processing Facility
LOVE	Marietta Transfer Station	(580)276-9771	Transfer Station
MAJOR	Red Carpet Landfill	(580)776-2255	Municipal Solid Waste Landfill
MCCLAIN	Newcastle Landfill	(405)745-4141	Municipal Solid Waste Landfill*
MCCURTAIN	City of Broken Bow Landfill	(580)584-9445	Municipal Solid Waste Landfill
MCINTOSH	City of Checotah Transfer Station	(918)473-2286	Transfer Station
	City of Eufaula Transfer Station	(918)689-3182	Transfer Station
MUSKOGEE	Muskogee Landfill & Rec. Center	(918)682-7284	Municipal Solid Waste Landfill
NOBLE	N. Ok Regional Disposal, Inc.	(580)628-2445	Municipal Solid Waste Landfill*
OKLAHOMA	Sterecycle	(405)557-0024	Biomedical Waste Processing Facility
	City of Midwest City Transfer Station	(405)739-1370	Transfer Station
	East Oak Sanitary Landfill	(405)427-1112	Municipal Solid Waste Landfill
	Edmond Transfer Station	(405) 216-9401	Transfer Station
	Engineered Recovery Systems, Inc.	(913)631-3300	Biomedical Waste Processing Facility
	SE Oklahoma City Landfill	(405)672-7379	Municipal Solid Waste Landfill
	NE Landfill	(405)424-8000	Construction/Demolition Landfill
	OKC HH Haz Waste Collection Facility	(405)682-7038	Transfer Station
OKMULGEE	Oklahoma City Landfill	(405)745-3091	Municipal Solid Waste Landfill
	City of Henryetta Transfer Station	(918)652-3344	Transfer Station
OSAGE	Elliott Construction Co. Landfill	(918)733-4558	Municipal Solid Waste Landfill
	Osage Landfill	(918)336-3159	Municipal Solid Waste Landfill
OTTAWA	American Environmental Landfill	(918)245-7786	Municipal Solid Waste Landfill
	Miami Transfer Station	(918)541-2287	Transfer Station
PAYNE	City of Cushing Transfer Station	(918)225-1999	Transfer Station
	Stillwater Landfill	(405)377-3880	Municipal Solid Waste Landfill
PITTSBURG	City of McAlester Landfill	(918)421-4967	Municipal Solid Waste Landfill
	Alderson Landfill	(918)426-0993	Municipal Solid Waste Landfill
PONTOTOC	City of Ada Municipal Landfill	(580)436-1403	Municipal Solid Waste Landfill
POTTAWATOMIE	Absolute Waste Solutions Landfill	(405)598-3893	Municipal Solid Waste Landfill*
	Canadian Valley Landfill	(405)275-9211	Municipal Solid Waste Landfill
PUSHMATAHA	Clinton Lewis Const. Co. Landfill	(580)298-3729	Municipal Solid Waste Landfill*
SEMINOLE	Sooner Land Management Landfill	(405)257-3354	Municipal Solid Waste Landfill
SEQUOYAH	Roland Yard Waste Composting Facility	(918)427-3252	Composting Facility
	Sallisaw Solid Waste Disposal Facility	(918)775-4121	Municipal Solid Waste Landfill
	Sue's Recycling Facility	(918)773-4007	Transfer Station
STEPHENS	Four D Materials Conversion Corp.	(580)255-8473	Tire Processing Facility
TEXAS	City of Guymon Transfer Station	(580)338-2434	Transfer Station

TILLMAN	Frederick PWA Landfill	(580)335-3015	Construction/Demolition Landfill
	Frederick Transfer Station	(580)335-7149	Transfer Station
TULSA	APAC-East Quarry Landfill	(918)438-0101	Construction/Demolition Landfill
	Covanta Tulsa, Inc.	(918)583-3925	Processing Facility
	Quarry Landfill	(918)437-7773	Municipal Solid Waste Landfill
	Tulsa Recycle & Transfer, Inc.	(918)583-3867	Transfer Station
WOODS	City of Alva Waste Processing Plant	(580)327-3342	Transfer Station
WOODWARD	NW Oklahoma SW Disposal Authority	(580)256-8097	Municipal Solid Waste Landfill*

* – Denotes facilities that either do not have Subtitle D lined cells or are not taking municipal solid waste.



This publication is issued by the Oklahoma Department of Environmental Quality authorized by Steven A. Thompson, Executive Director. Copies have been prepared at a cost of \$0.0035 each. Copies have been deposited with the publications clearinghouse of the Oklahoma Department of Libraries. (M:\CSD\Colby\factsheets\Water\DisasterRecovery2010) 5/10.

