



## Debris Management Annex

<b>Primary Agency:</b>	Adams-Clermont Solid Waste District Municipal and Township Officials
<b>Support Agencies:</b>	Clermont County Engineer's Office Municipal and Township Service/Road Departments Clermont County EMA Volunteer Chain Saw Teams (Faith-based/Non-Profit)
<b>State Agencies</b>	Ohio Department of Transportation (ODOT) Ohio Emergency Management Agency (Ohio EMA) Ohio Environmental Protection Agency (Ohio EPA)

### I. Purpose, Situations and Assumptions

#### A. Purpose

Disaster related debris can constitute a serious environmental problem. State and Federal environmental laws strictly dictate how various forms of waste are disposed. This annex is intended to provide a framework for coordinating the debris management efforts across the county following a natural, technological, or human-caused disaster.

#### B. Scope

This plan focuses on debris management of woody debris affecting roadways and in the right-of-way, household waste following an extended power outage, hazardous waste, medical waste and construction debris following a disaster. The intent is to mitigate additional health and safety risks to impacted communities, expedite recovery efforts, and address damage to improved public or private property.

#### C. Situation

- Debris management activities can be a major burden on time and resources for the Adams-Clermont Solid Waste District (Solid Waste District), County Engineer's Office, Ohio Department of Transportation and local Road and Service Departments.
- All communities have unique circumstances that impact the resource capabilities to dealing with debris management issues (e.g. land-use, types of local businesses/industry, size of community, topography, type of hazard, etc.). Debris management decisions will be determined based on the size, scope, severity, and unique jurisdictional factors.
- Each community should be prepared to conduct emergency debris removal of critical traffic routes to ensure fire and EMS, law enforcement, and utilities agencies can respond to life safety incidents.

#### D. Assumptions

Planning requires assumptions based on statistics, history, behavior patterns and likely future trends.

- Each incident is unique and the most appropriate management method or methods will be based on type debris, health and environmental impacts, volume, economics, hauling distance, and available resources.
- Debris management does not usually require immediate action like fire and rescue. Therefore there is usually more time to access and coordinate needs and response after the incident.
- Extraordinary demands will be placed on public and private resources for debris management following a disaster event.

- A coordinated effort will be required to effectively collect, remove, and dispose of disaster related debris.
- Coordinated debris operations is vital to ensure cost effective and environmentally sound practices are used.
- During major emergencies technical assistance and/or resource assistance from State and Federal partners may be needed (e.g. Ohio Environmental Protection Agency (Ohio EPA), Ohio Department of Natural Resources (ODNR), Ohio Department of Health (ODH), Ohio Department of Agriculture (ODA), United States Army Corps of Engineers, etc.).
- Mutual aid assistance from unaffected jurisdictions and from other counties may be requested as needed.
- Tracking of resources, expenses and actions taken during a disaster are a function for each jurisdiction, to include but not limited to: timesheets (including overtime), material and supply costs, load/dump tickets, mutual aid tracking, and equipment time usage, etc.
- Soil and vegetation are vulnerable should hazardous materials be deposited upon them possibly requiring the disposal of soil and vegetation, which is essential to the food chain.
- Though the State EPA has a burn permitting process, the protocol of the State is not to allow burning of woody debris as a result of a disaster without prior OEPA approval. Debris could be buried in a permitted landfill, land applied, reused, recycled or put to other environmentally-sound uses. Residents should contact their local fire department for the jurisdiction's opening burn policy.

## II. Concept of Operations

The Adams-Clermont Solid Waste District is the designated lead for debris management coordination. The debris management lead will coordinate a countywide assessment and plan of action in conjunction with the impacted local jurisdictions.

Activities include:

- Assessment of disaster related debris (e.g. type, amount, etc.)
- Development of a debris management plan based on the scope and severity of the incident
- Identification and operation of debris staging area(s)
- Review and selection of waste hauling and disposal contracts
- Coordination of debris management partners
- Coordination with Ohio EPA
- Documentation of debris management activities and expenses

### A. Mitigation

To prevent or reduce the impact of disasters, agencies should:

- Develop a system to track debris management activities and forecast expenses
- Identify potential debris staging areas throughout the county
- Encourage local Townships, Cities and Villages to identify a lead debris management coordinator.
- Coordinate with local public works agencies to remove dead/disease infested trees from the right-of-ways.
- Promote removal of dead/disease infested trees from private property.
- Encourage residents to review/understand/update homeowner policies as it relates to the removal of debris post disaster.

### B. Preparedness

Partners should:

- Maintain standard operating guides (SOGs) to handle daily situations
- Maintain emergency call-out lists of critical personnel
- Maintain and update list of local private contractors that can provide support during an emergency

- Participate in the development and exercising of the County EOP
- Develop mutual aid agreements between agencies, as appropriate
- Train personnel on the National Incident Management System (NIMS) and Incident Command System (ICS)
- Educate local municipal officials on disaster debris management plans
- Assist EMA with updating the County Resource Manual by identifying sources, locations, and availability of earthmoving equipment, dump trucks, road graders, fuel, etc. that could be used to support debris management operations
- Ensure that debris removal equipment is in good repair and that barrier and roadblock materials are available

## C. Response

Partners agree to:

- Provide heavy equipment resources for emergency operations, if available, when requested
- Provide assistance with emergency clearance of debris for reconnaissance of the damage areas and passage of emergency personnel and equipment for health and safety purposes
- Establish a regular cadence for debris management coordination meetings/calls to assess debris management needs of the impacted communities
- Identify debris staging locations and submit information to Ohio EPA for approval based on the type/scope/severity of the disaster
- Develop a plan action to include:
  - What types of debris will be sorted and collected (e.g. construction and demolition debris (C&D), solid waste, household goods, food waste, hazardous waste, infectious waste, animal carcasses, silt and mud, vehicles and tires, vegetative debris)
  - Potential staging locations
  - Modification of waste haulers pick up schedules
  - Location and type of dumpster/roll off containers/waste receptacles
  - Security of debris and waste collection sites
  - Debris reduction practices (e.g. chipping, grinding, recycling, etc.)
  - Disposal processes (e.g. cost effectiveness, licensed facilities, composting, burning, sale/donation of reduced materials, and decontamination and reuse) dependent on the type/scope/severity of the event
- Communicate recommendations for sorting debris and the time-limited process for the disposal of disaster related debris; Private property owners should coordinate with their insurance company for the disposal of the bulk C&D.
- Remove debris from right-of-ways and transport to designated debris staging areas

## D. Recovery

Partners agree to:

- Implement agreed upon debris management plan
- Support cleanup and recovery operations by removing debris brought to the right of way (time-limited process).
- Maintain records and documentation for all expenses, personnel costs, and equipment usage related to debris management activities
- Develop cost estimates and restoration costs for the debris staging location(s).
- Coordinate with contractors on the grinding/chipping/removal of woody and vegetative debris
- Participate in post-incident after action meetings to identify lessons learned and update emergency plans

### III. Assignment of Responsibilities

#### A. Primary Agencies

##### Adams-Clermont Solid Waste District

- Identify a debris management coordinator and respond to the EOC, if activated
- Maintain roster of primary and support agencies, make appropriate notifications, activate agencies as necessary, and maintain on-going communications
- Coordinate with Public Works agencies to develop and prioritize countywide missions
- Coordinate mutual aid and private vendor resources through resource request process
- Coordinate countywide assessment of debris management needs
- Coordinate debris management coordination meetings/calls with impacted communities
- Provide personnel and equipment for debris staging locations
- Maintain documentation of personnel, equipment, and expenses

##### Municipal and Township Officials

- Identify a local debris management coordinator
- Participate in debris management coordination meetings/calls
- Participate in the development of debris management plan
- Review/approval of disaster debris management plan including the debris staging location(s) to ensure cost effectiveness and efficiency of limited resources.
- Assess debris management needs for municipality
- Commit local resources and personnel to debris management activities in designated municipality
- Coordinate with waste hauler to modify schedule for normal trash pick-ups, if applicable.
- Maintain documentation of personnel, equipment, and expenses

#### B. Secondary Agencies

##### County Engineer

- Provide a Public Works Liaison to EOC, if activated
- Maintain roster of primary and support agencies, make appropriate notifications, activate agencies as necessary, and maintain on-going communications
- Coordinate with Public Works agencies to develop and prioritize countywide missions
- Coordinate mutual aid and private vendor resources through resource request process
- Assist with the debris assessment specifically on county roadways/property to prioritize the impacted areas and resource needs
- Provide personnel and equipment for clearing county roadways
- Provide personnel and equipment for debris staging locations as needed
- Participate in debris management coordination meetings/calls
- Participate in the development of debris management plan
- Review/approval disaster debris management plan including the debris staging location(s) to ensure cost effectiveness and efficiency of limited resources.
- Maintain documentation of personnel, equipment, and expenses

##### Municipal & Township Service/Road Departments

- Maintain communication with Public Works Liaison in the EOC, if activated
- Maintain roster of mutual aid and private vendor resources, make appropriate notifications, activate agencies as necessary, and maintain on-going communications

- Develop and prioritize missions for the designated area of responsibility
- Complete a debris assessment for area of responsibility
- Provide personnel and equipment for clearing roadways
- Provide personnel and equipment for debris staging locations as needed
- Participate in debris management coordination meetings/calls
- Participate in the development of debris management plan
- Review/approval disaster debris management plan including the debris staging location(s) to ensure cost effectiveness and efficiency of limited resources
- Maintain documentation of personnel, equipment, and expenses

#### **Clermont County EMA**

- Participate in debris management coordination meetings/calls
- Participate in the development of debris management plan
- Review/approval disaster debris management plan including the debris staging location(s) to ensure cost effectiveness and efficiency of limited resources.
- Maintain documentation of personnel, equipment, and expenses
- Support local partners with resource requests. Resources request should be processed through the Logistics Chief in the EOC, if activated.
- Coordinate with County, Cities, Townships and Villages for the collection of Public Assistance (PA) Damages including structures, equipment, and debris clearance

#### **Volunteer Chain Saw Teams (Faith-based/Non-Profit)**

- Participate in debris management coordination meetings/calls
- Participate in the development of debris management plan
- Coordinate with private property owners to assist with debris clearing
- Assess long term needs (e.g. widow makers and other potential hazards); Communicate life safety hazards with the appropriate public safety agency
- Oversee the safety of volunteers, especially those operating chain saws
- Maintain documentation of personnel, equipment, and expenses

## **IV. Administration and Logistics**

### **A. Administration**

- The Adams-Clermont Solid Waste District is the lead coordinating agency for debris management activities in the EOC
- The impacted municipalities and townships should designate a lead debris management coordinator for their jurisdiction.
- The County Engineer, municipal/township service and road department, and Ohio Department of Transportation will be responsible for clearing debris from the roadways and right-of-ways within their respective area of responsibility.
- Agencies may assign a representative to the EOC or they may work remotely and provide information to the designated liaison
- Agencies will document all decisions made, resources needed/used, actions taken, and other important information
- The Board of County Commissioners (BCC) may make an emergency declaration to allow emergency actions not otherwise authorized or to request additional public works resources from the State and/or federal government

## B. Logistics

- Depending on the size and scope of the event, jurisdictions may have the personnel and equipment to manage their debris issues locally. As an incident escalates beyond the local capabilities, additional mutual resources can be requested through the EOC or EMA.
- All agencies are encouraged to identify their available equipment and resources including what is available through existing contracts with private sector partners.
- Agencies should participate in the debris management coordination meetings/calls
- Agencies should also provide regular updates to the Debris Management Coordinator in the EOC, if activated.
- Agencies should maintain documentation of all personnel, equipment, and expenses for debris management activities.

## V. Tabs

- Tab 1      Emergency Debris Management Site Certification Form
- Tab 2      Debris Disposal Outlets for Clermont County
- Tab 3      Considerations and Guidelines to Use in Preparation of a Debris Management Plan

## VI. Authentication

*Hannah Lubbers*

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Hannah Lubbers, Adams-Clermont Solid Waste District

12/9/22

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Date

## Tab 1: Emergency Debris Management Site Certification Form

This form is a checklist for local officials who want to apply for FEMA funding for debris management activities which requires compliance with all Federal, state, and local environmental regulations. The completion of this form will facilitate the Federal Emergency Management Agency's environmental and historic preservation review as required by law. The OEPA requires all debris, other than woody vegetation, be disposed of in a State Permitted landfill applicant.

(Agency): \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ Zip Code: \_\_\_\_\_ County: \_\_\_\_\_

Telephone: \_\_\_\_\_ Cell Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

**Ohio EPA approves of the woody debris management methods below. Please check method(s) used:**

- ☐ Chipping or reduction on site and returning to the place of generation.
- ☐ Chipping or reduction on site and leaving for local residents to recycle and/or use for firewood.
- ☐ Stockpiling at a site previously approved by the Ohio EP A.
- ☐ Hauling to municipal solid waste landfills, transfer facilities, or composing facilities.
- ☐ Working with private timber or lumber companies so that debris can be processed for reuse.
- ☐ Other: \_\_\_\_\_

**IF WOODY VEGETATION IS STAGED OR STOCKPILED AT A SITE OTHER THAN A LICENSED LANDFILL, COMPLETE THE REMAINDER OF THE FORM AND CONTACT: STEVE RINE, OHIO EPA, @ (740) 385-8501 FOR SITE INSPECTION. IF NO STAGING SITE IS USED, ONLY APPLICANT SIGNATURE IS NEEDED.**

**Staging or Disposal site: GPS Lat-Long**

\_\_\_\_\_

**Directions to**

**Site** \_\_\_\_\_:

### **Requirements for Emergency Woody Debris Staging Sites**

**Failure to comply with environmental requirements may jeopardize funding.**

- ☐ Located above the 100-year floodplain and outside of wetlands. (The floodplain 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 US Geological Surveyor a National Wetlands Inventory map that depicts the limits and elevations of any 100 year floodplain or wetland on or adjacent to the proposed site.)
- ☐ Located at least 1/4 mile from a public or private water supply (surface or ground).
- ☐ The site has security to minimize uncontrolled dumping and any dumping of solid waste.
- ☐ Provisions are in place to ensure that regulated hazardous waste, radioactive waste, regulated polychlorinated biphenyls (PCB) wastes or regulated infectious wastes are excluded.
- ☐ If any debris is taken to a transfer facility, it must be a facility approved for operation in Ohio.
- ☐ All debris management practices must follow applicable regulatory requirements regarding storage, transportation, treatment, and disposal.
- ☐ Burning of debris, other than in unrestricted areas as defined by Ohio EP A, is prohibited, unless expressly authorized by the Director of Ohio EPA. Contact Ohio EP A for guidance on all regulatory requirements, as needed.

I certify that \_\_\_\_\_ has complied with all the above conditions:

**Agency Representative:**

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

**Ohio EPA Certification**

I certify that the above referenced site meets all requirements of the Ohio Environmental Protection Agency.

\_\_\_\_\_  
OEPA Official

\_\_\_\_\_  
Date



Tab 2: Debris Disposal Outlets

Antifreeze Recycling Outlets		Special Instructions
Clermont County Fleet Maintenance 4000 Filager Rd. Batavia, Ohio 45103		No cost No limit Place in a plastic, recyclable container
Advance Auto Parts 4436 Glen Este-Withamsville Rd. Union Township, Ohio 45244		No cost No limit Place in a plastic, recyclable container
Advance Auto Parts 1228 State Route 28 Milford, Ohio 45150		No cost No limit Place in a plastic, recyclable container
Sanitary Landfills		
Waste Management's Stony Hollow 2460 South Gettysberg Avenue Dayton, Ohio 45418 937-268-1133		Maysville/Mason County Landfill 7055 Clarkson-Sherman Road Maysville, KY 41056 606-759-7049
Rumpke's Colerain Avenue Facility 10795 Hughes Road Cincinnati, Ohio 45251 513-851-0122		Epperson Waste Disposal 2360 Cynthiana Road PO Box 117 Williamstown, KY 41097 859-824-3773
Rumpke's Brown County Facility 9427 Beyers Road Georgetown, Ohio 45121		Bavarian Trucking Landfill 12764 McCoy Fork Road Walton, KY 41094 859-485-4416
Rumpke Pike County Landfill 11775 State Route 127 Eaton, Ohio 45690 740-947-4200		
Recycling and Disposal of Household Hazardous Waste		
Environmental Enterprises 4650 Spring Grove Avenue Cincinnati, Ohio 45232 513-853-3681		Clean Harbors, Inc. 4879 Spring Grove Avenue Cincinnati, Ohio 45232 513-681-6242

Construction and Demolition Debris Facilities			
County	Ohio EPA ID	Facility Name	Facility Information
Hamilton	31-00-36	Hafner C&DD Landfill 5445 Wooster Pike Cincinnati OH 45226	Licensed By: County Phone: 513-321-1895 Captive: n Asbestos: n
	31-00-33	Burger Environmental, Inc. 7849 Main Street Newton OH 45244	Licensed By: County Phone: 513-561-2906 Captive: n Asbestos: n
	31-00-39	New Baltimore CDD Landfill Ltd. 6950 River Road New Baltimore OH 45030	Licensed By: County Phone: 513-385-9031 Captive: n Asbestos: n
	31-00-40	Newtown Fill St. Rt. 32 & Little Dry Run Cincinnati, Ohio 45244	Licensed By: County Phone: 513-721-6000 Captive: n Asbestos: n
	31-00-34	E-Town Landfill & Recycling, Inc. 10978 U.S. Rt. 50 North Bend OH 45052	Licensed By: County Phone: 513-353-1200 Captive: n Asbestos: n
		Miamiview Land Development C&DD Landfill 5931 State Route 128 Cleves, Ohio 45002	Licensed By: County Phone: 513-353-3400 Captive: n Asbestos: n
		Whitewater Reclamation Company 4250 Hooven Road Cleves, Ohio 45002	Licensed By: County Phone: 513-871-1400 Captive: n Asbestos: n
Montgomery	57-00-25	Taylorsville Road Hardfill 4252 Taylorsville Road Huber Heights OH	Licensed By: County Phone: 937-233-7500 Captive: n Asbestos: n
	57-00-24	Vance Landfill, Inc. 2101 Vance Road Dayton OH 45418	Licensed By: County Phone: 937-263-5944 Captive: n Asbestos: n
	57-00-31	Weidle Sand & Gravel, Inc. 9330 Eckhart Road Germantown OH 45327	Licensed By: County Phone: 937-885-2227 Captive: Asbestos:

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	57-00-30	SRI, Inc. 1550 Soldiers Home-West Carrolton Rd. Dayton OH	Licensed By: County Phone: 937-268-8991 Captive: n Asbestos: n
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Compost or Mulching Site for Yard Waste	
Auxier Trucking Facility Type: PA 1275 Ohio Pike Amelia, OH 45102 (513) 753-9186	Grailville Composting Facility Type: PA 932 O'Bannonville Loveland, OH 45140 (513) 683-2340
Bzak Landscaping, Inc. Facility Type: PA 931 Round Bottom Rd Milford, OH 45150 (513) 831-0907	Hotel Trucking Facility Type: PA 1141 US Rt. 50 Milford, OH 45150 (513) 248-2233
Bzak Landscaping, Inc. Class III Facility Type: PA 931 Round Bottom Rd Milford, OH 45150 (513) 831-0907	Irvine Wood Recovery Facility Facility Type: PA 110 Glendale Milford Miamiville, Ohio 45147 (513) 831-0060
Evans Landscaping Facility Type: PA 3700 Round Bottom Rd. Newtown, OH 45244 (513) 271-1119	Village of West Union Facility Type: PA Owens Road, West Union, Ohio 45693 (513) 544-5217

## Tab 3: Considerations and Guidelines to Use in Preparation of a Debris Management Plan

1. How will the debris be collected? List methods.
2. How will different types of debris be stored?
  - Preparation, securing, and closing of debris sites
  - Compliance with environmental laws
  - Legal documentation, if necessary
  - Necessity of after-hours security
3. Identify sites in the County. Discuss ingress and egress to those sites, and surrounding environment....schools, businesses (how close, etc.)
4. Pre-review sites for environmental considerations.
5. How will the debris be reduced?
6. How will the debris be disposed?
7. What options are there for private industry use of this debris?
8. What agencies could assist you in debris removal efforts?
9. Supplemental assistance available from local, state or federal programs and resources, including mutual aid agreements.
10. What are the capabilities of in-house resources?
11. What types of work need to be contracted out?
12. List qualified contractors in the county.
13. Include sample contract.
14. Identify appropriate bidding procedures.

15. Who reviews these contracts? Make sure that contractors are not taking advantage of the disaster and charging excessive prices.
16. Who manages and oversees the work of contractors?
17. Identify a plan to make sure that non-disaster debris is not charged to the disaster.
18. Identify necessary legal documentation. Coordinate with Clermont County Prosecutor.
  - Right-of-Entry
  - Hold harmless
  - Insurance declaration
19. Review documentation process in State's Public Assistance Handbook. Digitize forms. PA Handbook will show how to track labor hours, equipment hours, material used, equipment rented, contracts awarded, etc.
20. Identify plan to inform the public information officer in the EOC of disposal plans and sites. Need for pre-scripted informational bulletins and media releases.
21. Identify method of financing debris removal, storage, disposal operations? In most cases, the contractor may be paid by county funds, and then contract costs reimbursed through FEMA/State Public Assistance program.
22. If your staff needs to be augmented in response to a major disaster; where would the extra staff come from?
23. How would hazardous waste be segregated?
24. What is the protocol for informing and getting cooperation from the public to segregate hazardous waste?
25. What agreements do you have with Rumpke for household and hazardous waste disposal?
26. Protocol for conducting debris assessments and reporting.