

Debris Management Support Plan

Support Annex

State of Ohio Emergency Operations Plan



Ohio Emergency Management Agency
2855 West Dublin Granville Road
Columbus, Ohio 43235

Mission:

To coordinate activities to mitigate, prepare for, respond to, and recover from disasters.

Vision:

A safer future through effective partnerships committed to saving lives and reducing the impact of disasters.

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Agency Responsibilities

Coordinating Agencies

Ohio Department of Natural Resources (ODNR)
Ohio Environmental Protection Agency (Ohio EPA)
Ohio Department of Transportation (ODOT)

Supporting Agencies

Ohio Department of Administrative Services (DAS)
Ohio Department of Agriculture (ODA)
Ohio Department of Health (ODH)
Ohio Department of Rehabilitation and Correction (ODRC)
Ohio Adjutant General's Department - Ohio National Guard (OHNG)
Ohio Emergency Management Agency (Ohio EMA)
Public Utilities Commission of Ohio (PUCO)

Purpose, Scope, Situation Overview, and Assumptions

Purpose

- A. The Debris Management Support Plan defines roles and responsibilities of the state-level coordinating and supporting agencies to the plan and provides guidance for the development and implementation of elements involved in managing debris removal operations.

Scope

- A. This plan articulates the integrated coordination between all levels of government to coordinate assessment, removal, collection, processing, and disposal of debris following a disaster, mitigate against any potential threat to health, safety, and welfare of the impacted individuals, expedite restoration and recovery efforts in the impacted area, and address any threat of damage to improved public or private property.

Situation Overview

- A. This plan covers debris management operations involving state assistance. Local jurisdictions could become overwhelmed and may lack resources to effectively and adequately address local debris management operations. State assistance in debris management operations will supplement local capabilities; however, upon declaration of emergency from the governor, the State of Ohio assumes legal authority for associated debris management operations.
- B. There are different debris types that are handled differently and are regulated by different state agencies. For that reason, debris is generally sorted prior to transport. The following are common incident debris types:
 1. Vegetative and woody;
 2. Construction and demolition (C&D);
 3. Household waste;
 4. White goods;
 5. Medical;



6. Animal carcasses;
7. Radioactively contaminated debris.

Assumptions

- A. Impacted communities may communicate pertinent debris information consistently and continuously from assessment through final disposition.
- B. It may be necessary for debris waste streams to be segregated so that a course of action for disposal can be identified and the necessary partners can be engaged.
- C. If pre-designated staging and/or disposal sites are unavailable, alternate sites may be identified which may include those capable of handling and processing chemical, biological, and low-level radioactive waste, when applicable.
- D. Sufficient state resources and contracts exist to conduct debris management operations.
- E. Federal assistance may be requested and provided, if needed.
- F. Vetted volunteer groups may be available to assist in debris missions.
- G. Various state agencies may issue notifications/alerts to the general public regarding health and safety hazards that may be associated with incident-generated debris.

Planning and Response Principles

Whole Community Integration

- A. This section describes how the plan relates to other elements of the whole community. “Whole community” preparedness not only represents the community, but also involves the community and engages the full capacity of the private and non-profit sectors, including businesses, faith-based and advocacy organizations, and the general public in conjunction with government partners.

Access and Functional Needs

- A. A critical component of “whole community” is the inclusion of community members with access and functional needs (AFN) and disabilities in planning efforts. While the term “access and functional needs” may include people with disabilities, it also includes people with limited English language proficiency, diverse cultures, children and the elderly, and those who rely on others for transportation (including those who cannot self-evacuate), among others.

Federal-level Government

- A. Provide debris management resource and technical assistance if requested by the state.

State-level Government

- A. Provide direct and/or technical assistance when local capabilities have been exceeded.
- B. Assist with public messaging.
- C. Coordinate assistance from voluntary organizations.
- D. Assist in establishing contracts.
- E. Request support from the Federal Emergency Management Agency (FEMA) and/or other federal government agencies, as needed.



Local-level Government

- A. Conduct debris management operations for their respective jurisdictions, if needed.
- B. Request assistance from the state if their debris management capabilities are exhausted.
- C. Initiate unified public messaging.

Non-Governmental Organizations and Private Entities

- A. Exist as a potential solution to assist in debris removal operations.
- B. Support the establishment of volunteer reception centers (VRCs) for unaffiliated volunteers assisting with debris clean-up.



Core Capabilities

This plan directly supports a variety of core capabilities, as identified in the National Preparedness Goal. Core capabilities highlighted in gray are directly applicable to the focused efforts of this plan.

CORE CAPABILITIES	PREVENTION	PROTECTION	MITIGATION	RESPONSE	RECOVERY
	PLANNING				
	PUBLIC INFORMATION AND WARNING				
	OPERATIONAL COORDINATION				
	INTELLIGENCE AND INFORMATION SHARING		COMMUNITY RESILIENCE	INFRASTRUCTURE SYSTEMS	
	INTERDICTION AND DISRUPTION		LONG TERM VULNERABILITY REDUCTION	Critical Transportation	ECONOMIC RECOVERY
	SCREENING, SEARCH, AND DETECTION		RISK AND DISASTER RESILIENCE ASSESSMENT	ENVIRONMENTAL RESPONSE/ HEALTH AND SAFETY	HEALTH AND SOCIAL SERVICES
	FORENSICS AND ATTRIBUTION	ACCESS CONTROL AND IDENTITY VERIFICATION	THREATS AND HAZARDS IDENTIFICATION	FATALITY MANAGEMENT SERVICES	HOUSING
		CYBERSECURITY		FIRE MANAGEMENT AND SUPPRESSION	NATURAL AND CULTURAL RESOURCES
		PHYSICAL PROTECTIVE MEASURES		LOGISTICS AND SUPPLY CHAIN MANAGEMENT	
		RISK MANAGEMENT FOR PROTECTION PROGRAMS AND ACTIVITIES		MASS CARE SERVICES	
		SUPPLY CHAIN INTEGRITY AND SECURITY		MASS SEARCH AND RESCUE OPERATIONS	



Community Lifelines



The Debris Management Support Plan contributes to the stabilization of the Energy (Power & Fuel); Transportation; Hazardous Materials lifelines to the community.

Concept of Operations

A. Assessment

1. Counties will provide details pertaining to the size, scope, and complexity of the incident.
2. Public messaging strategies are established through the county emergency management agency (EMA).
3. Following the stabilization of life safety, the state emergency operations center (State EOC) will establish debris management priorities. Essential elements of information include:
 - a. Amount of debris.
 - b. Type of debris.
 - c. Number of impacted properties (insured and uninsured).
 - d. Activation of a debris management plan.
 - e. Detailed information pertaining to engagement with waste authorities.
 - f. Anticipated gaps.
4. Upon analysis of county reporting, the State EOC will begin coordinating with supporting agencies to capture aerial imagery.
5. The State EOC will facilitate communication with subject matter experts (SMEs) through the county EMAs.
6. Continued reporting from county EMAs, Ohio EMA Regional Operations, and SMEs will support continued situational awareness.

B. Activation of the Debris Management Task Force (DMTF)

1. Determination of activation is dependent upon the size, scope, and complexity of the incident.
2. Upon activation, the DMTF will assist in advising State EOC response and will initially consist of representatives from the following agencies who will perform the following functions:



Agency	Function
Ohio Adjutant General's Department - Ohio National Guard	Provide labor and equipment to conduct operations.
Ohio Department of Administrative Services	Assist in procurement and contracting.
Ohio Department of Agriculture	Provide regulatory authority on animal carcass removal.
Ohio Department of Rehabilitation and Correction	Provide labor to conduct operations.
Ohio Emergency Management Agency	Coordinate communication with county EMAs.
Ohio Environmental Protection Agency	Provide regulatory authority pertaining to debris collection and disposal. Provide technical assistance. Liaise with waste management industry.
Ohio Department of Health	Provide regulatory authority for low-level radioactive waste. Provide technical assistance for the disposition of low-level radioactive waste and work with state licensed service providers.
Ohio Department of Natural Resources	Coordinate collection of debris. Provide personnel and equipment for debris operations. Provide legal oversight.
Ohio Department of Transportation	Provide personnel and equipment for debris operations.
Ohio Voluntary Organizations Active in Disaster	Manage volunteer debris clean-up efforts.

3. Other federal and state agencies may participate as part of the DMTF, as appropriate.
4. The DMTF will be activated to coordinate with federal and state agencies and county EMAs to address, prioritize, and assign debris removal and disposal missions and tasks.

C. Debris Collection and Disposition

1. The State EOC will provide direct and technical assistance through the DMTF in an effort to restore community lifelines in alignment with State EOC priorities.
2. Direct curbside pickup will be coordinated and messaged through the county EMAs to deter debris storage and staging. Direct curbside pickup is preferred to the establishment of temporary debris staging locations due to the higher efficiency.

Assignments of Responsibility

Ohio Department of Natural Resources (Coordinating Agency)

- A. Coordination of support agencies at the State EOC in support of the debris management plan.
- B. Deploy Ohio Department of Natural Resources (ODNR) divisions with appropriate land resources to augment Ohio Department of Transportation (ODOT) with debris removal.
- C. Evaluate the need for temporary debris sites on ODNR property for the storage/staging of vegetative/woody debris.
- D. Notify appropriate divisions with appropriate water resources to evaluate debris from navigable public waterways (note: responsibility may fall within the purview of the landowner of the impacted private property).



Ohio Environmental Protection Agency (Coordinating Agency)

- A. The Ohio Environmental Protection Agency (Ohio EPA) will support debris management by coordinating with state and local partners in the safe and lawful handling and removal of various types of debris.
- B. Ohio EPA – Division of Materials and Waste Management (DMWM) will provide regulatory oversight of, and coordinate with, solid waste facilities, including landfills, transfer facilities, and composting facilities, to ensure capacity to handle community needs.
- C. Ohio EPA – DMWM will provide technical assistance to local communities on selection, operation, and closure of temporary staging areas as needed.
- D. Ohio EPA – DMWM will perform in-field support with partner agencies on assigned debris management missions, including curbside collection campaigns.
- E. Ohio EPA – DMWM will consider waivers from solid waste disposal fees, temporary increase approvals for landfills, and other emergency authorizations issued by the Director of Ohio EPA.
- F. Ohio EPA – Office of Emergency Response (OER) will perform rapid, initial assessments of sites potentially contaminated with hazardous materials or petroleum products.
- G. Report incidents to the State EOC, where accumulated or scattered debris is having negative impacts on structures, waterways, drinking water and treatment facilities, etc.
- H. Report to the DMTF and local communities regarding any emergency authorizations or actions taken by the Director of Ohio EPA in addition to local efforts to manage debris, including problems identified, resolution of those problems, and completion of debris missions.
- I. Ohio EPA – DMWM will assist in ensuring that solid and infectious wastes and construction and demolition debris is handled and disposed of correctly, to include special handling of infectious or hazardous waste.
- J. Ohio EPA – OER will assist local jurisdictions/authorities/agencies/contractors with spill and debris clean-up; provide technical assistance on groundwater management and remediation; and direct contractor hiring/assistance.
- K. Ohio EPA – OER will coordinate with federal, state, and local response partners on the removal and transport limited quantities of certain regulated hazardous materials.
- L. Ohio EPA – DMWM will provide in-field support and management of temporary staging areas; in long-term recovery operations, assist in the support and management of debris removal to regulated facilities.
- M. Ohio EPA – DMWM will provide technical assistance for recycling, composting, and beneficial use of various waste types.
- N. Ohio EPA – Division of Air Pollution Control will provide technical assistance to local communities on handling of asbestos-containing material.
- O. Ohio EPA – DMWM maintains resource lists/information such as names/locations of regulated facilities, transporters, etc. and the types of waste materials each facility can accept.
- P. Ohio EPA – DMWM maintains a listing of contractors for remediation of scrap tire and solid waste dumps, including waste removal, reduction, recycling, and solid waste disposal activities.
- Q. Ohio EPA – OER maintain a 24-hour emergency hotline (1-800-282-9378) for reporting spills, releases, or environmental emergencies.
- R. Ohio EPA – OER maintains a list of contractors that are capable to perform remediation of hazardous waste contamination.

Ohio Department of Transportation (Coordinating Agency)

- A. Conduct debris removal operations on impacted transportation routes and bridges.



- B. Conduct debris removal in accordance with DMTF.
- C. Transport authorized debris loads to approved disposal locations.
- D. Provide technical assistance to local jurisdictions for debris management and transportation assessment operations.

Ohio Department of Administrative Services (Support Agency)

- A. Provide technical assistance for inspections, emergency repairs, and/or demolition of damaged public and/or state-owned buildings and/or properties.
- B. Participate in any working groups established ad-hoc by ODNR, Ohio EPA, and/or ODOT to discuss incident specifics.
- C. Assist in identifying, locating, and/or leasing properties and/or facilities for the purposes of staging collected debris prior to removal.
- D. Provide any other resource support in accordance with Emergency Support Function (ESF) #7 - Resource Support and Logistics plan.

Ohio Department of Agriculture (Support Agency)

- A. Provide regulatory oversight and technical assistance in performing collection, assessments, and disposal of infected animal remains and animal carcasses.
- B. Provide coordination for addressing animal disease-related incidents in accordance with ESF #11 – Agriculture.

Ohio Department of Health (Support Agency)

- A. Coordinating agency for incidents involving a nuclear or radiological incident response and remediation including activities dealing with the management and disposal of low-level radioactive waste.
- B. Coordinate with federal, state, and local response agencies to collect, segregate, process, and dispose of low-level radioactive waste.
- C. Coordinate/liaison with the Nuclear Regulatory Commission (NRC) and Ohio radioactive material licensees to properly manage radioactive material that may be out of regulatory control.
- D. Provide technical assistance on the management and disposal of low-level radioactive waste.
- E. Direct, coordinate, and assist in the response to a release of radioactive material into the public domain.

Ohio Department of Rehabilitation and Correction (Support Agency)

- A. Provide prison work crews and equipment to be utilized for debris removal operations.

Ohio Adjutant General's Department – Ohio National Guard (Support Agency)

- A. Assist state and local agencies in debris removal activities. Equipment may include, but is not limited to, dump trucks, loaders, hand-held power tools, and hand-held tools.

Ohio Emergency Management Agency (Support Agency)

- A. Provide technical assistance to state and/or local agencies on debris management.

Public Utilities Commission of Ohio (Support Agency)

- A. Provide technical assistance to emergency responders on the proper handling of hazardous debris material.
- B. Ensure proper compliance with regulations in relation to the transport of hazardous materials.



Plan Development and Maintenance

A. This plan will be reviewed subsequent to incident or exercise use, at the request of coordinating or support agencies, but no less often than every four years. Such requests are to be directed to the planner as assigned by the Ohio EMA. Reviews will be conducted by partner representatives with reference to after action reports, exercise data, federal doctrine, and other appropriate laws or regulations. Revisions will be sent through the chain of command for approval and documented in the record of changes table located within this plan. The Ohio EMA planning supervisor and Ohio EMA EOC manager are authorized to approve and notify partners of changes.

Record of Changes				
#	Date	Section	Author	Description
001	19 Aug. 2024	Situation Overview; CONOPS; AORs; Authorities and References	Jordan Sanderson	Made revisions and additions based on feedback received from ODH
002	03 Sept. 2024	AORs	Jordan Sanderson	Incorporation of ODNR's updated AORs
003	05 Sept. 2024	AORs	Jordan Sanderson	Incorporation of DAS' updated AORs
004	10 Sept. 2024	AORs	Jordan Sanderson	Incorporation of ODOT's, ODA's, ODRC's, and Ohio EMA's updated AORs
005	13 Sept. 2024	AORs	Mike Staff	Revision of agency AORs
006	18 Sept. 2024	AORs; entire plan	Jordan Sanderson	Incorporation of ODH's updated AORs; formatting, spelling, and grammar corrections and creation of new version of plan

Authorities and References

- A. Ohio Administrative Code (OAC) 3701.1-38 – License or Registration for Radiation Handlers
- B. Ohio Revised Code (ORC) 3734.027 – Low-level radioactive waste – prohibited activities
- C. ORC 3748.02 – Ohio Radiation Control Agency Designation
- D. ORC 3748.03 – Agreements with Nuclear Regulatory Commission
- E. ORC 3748.06 – Compliance with Licensing Provisions and Rules
- F. ORC 3748.10 – Prohibiting treatment, recycling, storing or disposal of waste except at licensed facility
- G. ORC 3748.13 – Inspections
- H. ORC 3701.1 – Radiation Control

