

Massachusetts Disaster Debris Management Planning

John Fischer

SSRC

August 2023



Massachusetts
Department
of
ENVIRONMENTAL
PROTECTION

Why plan in advance?

- Understand roles in advance
- Increase federal reimbursement (FEMA/FHWA)
- Coordinate with state agencies
 - (e.g, MassDOT for state roadways, MassDEP for temporary DMS)
- Clear debris more quickly & cost effectively
- Maximize debris segregation

Limited Disposal Capacity

Active Landfills
Bourne
Dartmouth
Middleborough
Nantucket
Westminster
Municipal Waste Combustors
Haverhill
Millbury
North Andover
Rochester
Saugus

Local Planning – Key Issues

- Some planning better than none
- Identify roles, responsibilities, resources (personnel, equipment, contracts)
- Critical Need – Identify Potential Sites – notice to MassDEP regional solid waste program
 - Avoid cost and legal issues of leasing private land
 - Avoid chance of problem sites
 - Activate sites more quickly

Local Planning Guidance

- Local plan guidance and checklist
- <https://www.mass.gov/lists/massdep-solid-waste-policies-guidance-fact-sheets#managing-disaster-debris>
- -Guidance -14 pages
 - Checklist - 7 pages
- Assistance with local planning – Westborough Disaster Debris Management Plan
- Other municipalities can use as a template

Connecting Debris Management Plan with Other Plans

- Link debris planning with other emergency management planning
- Consider potential debris management sites in context of other critical management infrastructure

Local Plans & Site Selection

- MassDEP has worked with:
 - Westborough
 - Boston area planning group – 9 municipalities
 - Franklin County
 - Sudbury

Temporary Debris Sites

- Temporary disaster debris management sites
 - Require notice to MassDEP regional office
 - Do not require permit (up to 90 days)
 - Siting criteria
 - Best management practices
 - Closure requirements

Temporary DMS Criteria

- Publicly owned/controlled
- Of sufficient size
- Easy access – entry and exit
- Ready to use without major modifications
- Not in flood plain
- Setbacks – including drinking water, surface water, residences

State Contracts

- Debris monitoring contract – HLS 02
 - O’Brien’s Response Management
- Debris management contract – HLS 03
 - AshBritt, Inc.
- Developed for use by state and local government agencies

Debris Monitoring Contract

- Monitor all debris management— either by force account labor or monitoring contractor
- Monitor contractor/force account labor disaster debris management activities
- Ensure compliant with all applicable requirements, eligible expenses
- Maximize potential for FEMA/FHWA reimbursement
- May be used by Mass. state, local, regional agencies

Debris Management Contract

- Services, equipment, and personnel to:
 - clear debris
 - collect debris and transport to DMS or final recycling/disposal
 - establish, operate, and close temporary debris sites (procure sites if needed)
 - send debris for recycling, composting, other uses, or disposal
 - Maximize debris segregation

For More Information

- <https://www.mass.gov/lists/massdep-solid-waste-policies-guidance-fact-sheets#managing-disaster-debris->
- John Fischer, MassDEP
- John.fischer@mass.gov