

**CITY OF LAMBERTVILLE**  
**ORDINANCE NUMBER 20-2023**

*An Ordinance Of The Lambertville City Code, 2014, To Add Section 12-6, Debris Management Plan To Chapter 12, Sanitation, And To The Emergency Operating Procedures Of The Office Of Emergency Management*

**WHEREAS**, The City of Lambertville has been heavily impacted by flooding dating as far back as 1786, and

WHEREAS, the recovery process after a disaster includes the requirement of a Debris Management Plan; and

WHEREAS, the Office of Emergency Management has worked to develop a Debris Management Plan to identify the types of debris and develop a process for disposal.

NOW THEREFORE BE IT RESOLVED by the Governing Body of the City of Lambertville, in the County of Hunterdon, in the State of New Jersey, that the Debris Management Plan dated July, 2023, attached hereto and made part of the record, is hereby adopted.

BE IT FURTHER RESOLVED, that the Office of Emergency Management will add this to the Emergency Operating Procedures to be used as a guide in the planning and recovery process.

BE IT FURTHER RESOLVED, that the City will consult with the State of New Jersey, Department of Environmental Protection to assure the latest language and procedure is up-to-date.

INTRODUCED FOR FIRST READING: June 15, 2023

PUBLIC HEARING AND SECOND READING: July 20, 2023

**CITY OF LAMBERTVILLE**  
**DEBRIS MANAGEMENT PLAN**  
**OFFICE OF EMERGENCY MANAGEMENT**

**PRE-INCIDENT DEBRIS MANAGEMENT PLAN OUTLINE**

- I. Plan Overview
  - a. Scope
  - b. Planning assumptions
  - c. List of officials who should be notified in the case of an incident and contact information
  - d. Roles and responsibilities for waste management activities
  - e. Regulatory Requirements
  - f. Documentation of plan development process
  - g. Record of plan approvals, reviews, and updates to include any changes made
- II. Materials and Debris Streams
  - a. List of anticipated debris streams
  - b. Description of each debris stream
- III. Debris Quantities
  - a. Forecast quantity of each type of anticipated debris stream
  - b. Method for estimating actual debris quantities during/after a disaster
- IV. Waste Characterization Sampling and Analysis
  - a. Sampling
  - b. Analysis
  - c. Quality assurance
- V. Debris Management Strategies/Option
  - a. Procedure and Approaches
    - i. Minimization
    - ii. Collection
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    - iv. Decontamination (equipment, people, waste/materials)
    - v. Accumulation/Storage
    - vi. Monitoring of Debris Management Activities
  - b. Pre-selected debris management sites
    - i. Debris staging and storage (short-term and long-term) locations
    - ii. Equipment staging and storage (short-term and long-term) locations
    - iii. Decontamination and treatment stations
- VI. Waste Management Facilities
  - a. Anticipated types of waste management facilities needed
  - b. Specific facilities identified
- VII. Transportation
  - a. Logistical options
  - b. Routes (including maps)
  - c. Hauler information
- VIII. Debris and Material Tracking and Reporting System

- a. General principles
  - b. Database and other tracking software to be used
  - c. Debris tracking report templates
- IX. Community Communications/Outreach Plan
- a. Strategy
  - b. Contact information for key stakeholder groups
  - c. Pre-scripted information for debris management activities involving the public
  - d. Information for a response website once a disaster occurs
- X. Health and Safety for Debris Management Activities
- XI. Resource Summary
- a. Resource needs
  - b. Resources sources
    - i. Mutual Aid Agreements
    - ii. Pre-negotiated contracts
    - iii. Specialized experts
  - c. Specialized technical assistance contacts
  - d. Contracting
    - i. Emergency procurement procedures
    - ii. Contract oversight plan
  - e. Cost accounting/financial management
  - f. FEMA eligibility guidance
- XII. Appendices
- a. Job aids for debris management staff positions
  - b. List of training classes available for different debris management roles
  - c. Pre-written debris management emergency ordinances, orders, directives, declarations, designations, permits, etc.
  - d. Maps of waste management facilities and sites, transportation routes, critical waste management infrastructure and key resources
  - e. Links to health and safety information
  - f. Protective Actions Guides
  - g. Glossary and list of acronyms

## **PLAN OVERVIEW**

**SCOPE:** The City of Lambertville is a historic community dating back to the early 1600's and is located at the bottom of the Sourland Mountains where it feeds into the Delaware River. Once designated as an industrial community, Lambertville was the home to the Lace Works, Jockey Underwear, Luggage Factory, and Corn Curl's. C.A. Niece Lumber and Finkle's Hardware Store are iconic and have survived for many generations and recessions.

The historic part of Lambertville runs parallel to the Delaware River. While most of the land is flat in nature, the north and south ends are the low spots and the areas that suffer most from back flooding from the Delaware River and flash flooding.

Cottage Hill, Connaught Hill and Music Mountain border the flatlands and are comprised mostly of single family units. The age of homes varies throughout all three developments and except for Lamberts Hill, Woodcrest and Northfield Court, differ vastly in design.

**PLANNING ASSUMPTIONS:** Lambertville will continue to flood from the Delaware River and flash flooding.

## **LIST OF OFFICIALS WHO SHOULD BE NOTIFIED IN THE CASE OF AN INCIDENT AND CONTACT INFORMATION**

OEM Coordinator, Deputy Coordinators  
Mayor  
Police Director/Chief  
City Clerk and Deputy Clerk  
Public Works Director  
Fire Department  
Lambertville Municipal Utilities Authority  
Veolia – Water Company

## **ROLES AND RESPONSIBILITIES FOR WASTE MANAGEMENT ACTIVITIES**

*Regulatory Requirements:* The Mayor will declare a State of Emergency and at that time, the OEM Coordinator will take charge of all emergency activities. A copy of the Proclamation will be posted on the City's website, bulletin board, and a signed copy will be kept in the safe at City Hall.

*Documentation of plan development process:* The Debris Management Plan is a goal in the city's Hazard Mitigation Plan and is also a regulatory requirement for all major disasters. This draft will be reviewed by the following officials: OEM Coordinator, Deputy Coordinators, Mayor Police Director/Chief, City Clerk and Deputy Clerk, and Public Works Director,

*Record of plan approvals, reviews, and updates to include any changes made:* The City of Lambertville will adopt by ordinance the Debris Management Plan that will outline the procedure and process.

## **MATERIALS AND DEBRIS STREAMS**

The City of Lambertville suffers mostly from flood events and the debris streams are limited to household items, building materials, heating oil, gas, vehicles, and houses.

*List of anticipated debris streams*

Vegetative Debris; C&D Debris; Building Contents; Animal Carcasses; Displaced soils and sediments;

*Description of each debris stream*

C&D Debris: mixed metals, masonry materials, concrete, lumber, asphalt shingles

Cylinders and tanks;

Electronics waste (e-waste)(televisions, computers, cell phones)

Food Waste

Hazardous waste: batteries, pesticides, solvents, paint thinners, mercury-containing devices

HHW: household cleaners, freezer and refrigerator coolant;

Lead-based paint;

Marine or waterway debris;

Medical waste;

Metals;

Mixed waste (waste containing both radioactive and hazardous waste components)

Municipal Solid Waste

PCB-containing waste (transformers, capacitor, other electrical equipment);

Pharmaceuticals;

Radiological-contaminated waste (hospital equipment)

Scrap tires;

Soils, sediments and sandbags;

Treated wood (utility poles, fencing, decks);

Used oil and oil-contaminated waste;

Vegetative Debris: plants, uprooted trees, branches, vegetation (green waste);

Vehicles and vessels;

White goods (household appliances)

**DEBRIS QUANTITIES**

The tax books maintained by the Assessor list the following:

Vacant Land: 186

Residential Units: 1,633	Industrial (4b): 8	Charitable: 28
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Farm (3a): 1	Apartment (4c): 39	Cemetery: 3
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Farm (3b): 11	Public School: 1	Miscellaneous: 20
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Commercial (4a): 174	Other School: 1
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Forecast quantity of each type of anticipated debris stream

Vegetative Debris; C&D Debris; Building Contents; Animal Carcasses; Displaced soils and sediments;

Method for estimating actual debris quantities during/after a disaster

Tonnage from the most recent disaster (Hurricane Ida) was reviewed to help determine a base estimate for each of the following categories:

- Vegetative Debris;
- C&D Debris;
- Building Contents;
- Animal Carcasses;
- Displaced soils and sediments;

### **WASTE CHARACTERIZATION SAMPLING AND ANALYSIS**

Waste characterization will depend on the type of disaster. Flooding will result in white goods, and municipal waste, while a high wind event will increase vegetative debris (brush).

- a. Sampling
- b. Analysis
- c. Quality assurance

### **DEBRIS MANAGEMENT STRATEGIES/OPTION**

Procedure and Approaches: The City of Lambertville will adopt by ordinance the Debris Management Plan that will outline the procedure and process.

Minimization: in order to maintain order and control illegal dumping, the police department will oversee and manage the Temporary Debris Management Area. Residents will need to:

- Show proof of residency;
- Record damages and categorize their waste

### **COLLECTION**

- CVS Parking Lot (40.376694,-74.9501668)
- Phillip L. Pittore Justice Center (40.3645394,-74.9472444)
- Brunswick Avenue east of the gas station (40.3645475,-74.9472444)
- Parking Lot by Ely Field (40.3690957,-74.9464228)
- Holcombe Park (40.3748017,-74.9501022)

### **SEGREGATION**

Each site will contain one dumpster for Municipal Waste; and staging areas for white goods, vegetative items, hazardous waste (will be separated into categories)

### **DECONTAMINATION (EQUIPMENT, PEOPLE, WASTE/MATERIALS)**

LMUA will be used as a decontamination site. We will use portable wastewater pretreatment equipment; all waste-water will be contained in storage units and disposed of in a manner as prescribed by NJDEP.

**ACCUMULATION/STORAGE:** In an effort to keep the streets clean of debris and animals, the city will conduct a Request for Proposals for emergency events only so that when the city has an event, we have already contracted with a vender who is state approved and has the equipment necessary for debris management.

**MONITORING OF DEBRIS MANAGEMENT ACTIVITIES:** The police department will oversee all Debris Management Areas; The Director of Public Works will oversee the collection of all debris.

### **PRE-SELECTED DEBRIS MANAGEMENT SITES**

Debris staging and storage (short-term and long-term) locations

Short-term:

- a. CVS Parking Lot
- b. Phillip L. Pittore Justice Center
- c. Brunswick Avenue east of the gas station
- d. Parking Lot by Ely Field
- e. Holcombe Park

Long-term:

- f. Public Works Department will maintain an open area that is clear of debris to assist with emergencies.

Equipment staging and storage (short-term and long-term) locations

The city will contract with a company that is state approved for municipal waste and hazardous waste.

Decontamination and treatment stations

LMUA

Fire Department

Police Department

**WASTE MANAGEMENT FACILITIES:** Anticipated types of waste management facilities needed: Dumpsters, Garbage Trucks, and Recycling Trucks.

**SPECIFIC FACILITIES IDENTIFIED:** Transportation will be the sole responsibility of the company who is awarded the contract.

Logistical options

Routes (including maps)

Hauler information

**DEBRIS AND MATERIAL TRACKING AND REPORTING SYSTEM:** The OEM Deputy Coordinator will be responsible for completing the TDMAs (Temporary Debris Management Areas) as required by the State of NJ DEP.

General principles: The city will:

Pre-disaster: determine the locations for the TDMAs.

North Union and Cherry Street

South Union Street at the Justice Center

Brunswick Avenue by the Gas Station

Dumpsters were also placed on Streets close to the flood area.

Disaster: complete and submit the TDMA's to the State of NJ Department of Environmental Commission.

Database and other tracking software to be used: each contractor picking up municipal waste, e-waste or any other item will submit a day total with a tonnage report for tracking purposes.

Debris tracking report templates: the city will use the tracking templates provided by the State of NJ DEP and FEMA.

**COMMUNITY COMMUNICATIONS/OUTREACH PLAN:** Strategy: to mitigate the build-up of municipal waste and prevent an overflow into the waterways; mitigate animal control (rats); and rid the area of waste in the most efficient and effective manner.

Contact information for key stakeholder groups: Debris Management information will be maintained in the database by the OEM Deputy Coordinator which will be shared on a google drive and access will be given to all members to ensure good record keeping.

Pre-scripted information for debris management activities involving the public: the police department will oversee the TDMA to ensure only city residents are using the dumpsters provided and for crowd control.

Information for a response website once a disaster occurs: the OEM Deputy will maintain the templates and will insert pertinent data directly related to the event into the templates. They will then be reviewed for correctness and disseminated through the city's listserv, website, and hardcopies will be available at city hall.

**HEALTH AND SAFETY FOR DEBRIS MANAGEMENT ACTIVITIES:** All employees and volunteers will wear facemasks and gloves provided by the City of Lambertville. All cuts and puncture wounds will be reported immediately to the Field Supervisor. The Field Supervisor will determine if a visit to emergent care is required.

## **RESOURCE SUMMARY**

Resource needs

Resources sources

- ii. Mutual Aid Agreements
  - 1. LMUA
  - 2. Township of West Amwell
- iii. Pre-negotiated contracts
  - 1. Waste Management
- iv. Specialized experts
  - 1. NJDEP

Specialized technical assistance contacts

Contracting

- v. Emergency procurement procedures
- vi. Contract oversight plan

Cost accounting/financial management

FEMA eligibility guidance

## **APPENDICES**

Job aids for debris management staff positions

List of training classes available for different debris management roles

Pre-written debris management emergency ordinances, orders, directives, declarations, designations, permits, etc.

Maps of waste management facilities and sites, transportation routes, critical waste management infrastructure and key resources

Links to health and safety information

Protective Actions Guides

Glossary and list of acronyms