

**City Of Lakewood**

**Wolf Creek Dam  
Failure**

**Emergency Action  
Guidelines**

**Revised March 15, 2007**

# **Wolf Creek Dam Failure Emergency Guidelines**

## **Statement of Purpose**

The City Of Lakewood's Wolf Creek Dam Failure Emergency Guidelines provides a plan of action in the event of flood caused by Wolf Creek Dam failure.

It is to be understood, the City Of Lakewood's Wolf Creek Dam Failure Emergency Guidelines are supplemental to guidelines, procedures and practices of the Metro Nashville Office Of Emergency Management (OEM), Federal Emergency Management Administration (FEMA) and/or US Army Corps Of Engineers.

At no time will the City Of Lakewood's Wolf Creek Dam Failure Emergency Guidelines supersede or conflict with those of OEM, FEMA or US Army Corps Of Engineers.

The purpose of the document is to protect life and property of Lakewood residents to the best of the City Of Lakewood's ability.

The Emergency Guidelines provide structure and guidance for Elected City Officials, City Manager, Chief Of Police and City Employees to protect Lakewood citizens and property to the best of their ability.

This document provides Emergency Action guidelines, it is to be understood, these guidelines are not inclusive, and may be amended by the Mayor, City Manager and/or Chief Of Police, or their designate, based on a given situation in order that life and safety are preserved above all else.

## **Flood Damage Estimates**

Flooding and damage estimates for the City Of Lakewood are based on flood plain information provided by the US Army Corps Of Engineers. The US Army Corps Of Engineers provided flood plain maps estimating a worst-case flooding scenario. A flood plain map is available for review at the Lakewood City Hall.

According to US Army Corps Of Engineers flood plain maps, the most drastic flooding situations for the City Of Lakewood will occur on low lying streets located nearest the Cumberland River and Old Hickory shoreline.

### ➤ **Streets Near Cumberland River**

Teresa Drive  
MacAurhur Drive  
Meadows Drive  
Ray Drive (lower portion)  
Riner Court  
Riner Drive  
Kingsway  
Lynn Lee Drive  
Gayle Drive  
Charlie Gann Drive  
Mt. Vernon Drive  
Clifton Court (lower portion)  
Allentown Road  
Area of Pitts Avenue and Rifle Range  
Donaho Drive

### ➤ **Streets Along Old Hickory Lake Shoreline**

Lakeshore Drive near Sandy Cove, Lakemeade Point, and 3218 Lakeshore Drive  
Lakeshore Drive at 30<sup>th</sup> Street  
Lakeshore Drive at 28<sup>th</sup> Street  
Lakeshore Drive at Dabbs Avenue

### ➤ **Other Street Considerations**

Hadley Avenue / Old Hickory Blvd near Iris Avenue and Anthony Street  
Old Hickory Blvd. near Dupont Hadley Middle School

## **Expected Road Cut-Offs**

Hadley Avenue / Old Hickory Blvd near Iris Avenue and Anthony Street  
Old Hickory Blvd. near Dupont Hadley Middle School  
Lakeshore Drive at Dabbs Avenue  
Lakeshore Drive at 28<sup>th</sup> and 30<sup>th</sup> Streets  
Lakeshore Drive *dips* near Sandy Cove, Lakemeade Point  
Lakeshore Drive *dip* near 3210 Lakeshore

## **Expected Road Cut-Offs – Continued**

Teresa Drive  
Teresa Drive  
MacAurhur Drive  
Meadows Drive  
Ray Drive (lower portion)  
Riner Court  
Riner Drive  
Kingsway  
Lynn Lee Drive  
Gayle Drive  
Charlie Gann Drive  
Mt. Vernon Drive  
Clifton Court (lower portion)  
Allentown Road  
Area of Pitts Avenue and Rifle Range  
Donaho Drive

## **Hazardous Conditions**

- Impassible Streets Due To Flooding
- Power Outages
- Contaminated Water Supply
- Propane tanks breaking loose and floating free, ruptured natural gas lines, unknown hazardous materials stored in flooded residences and businesses.
- Dead Animals
- Floating Debris
- Overstressing of City Personnel

## **City Personnel**

In event of Wolf Creek Dam failure, off duty City personnel, volunteers, CERT Team Members will be notified by the City Manger or respective department head. The City Manager will determine which City employees will be called-in to work emergency duty.

Additional manpower will be needed to assist the City in various ways before, during and after this emergency period. The City Manager will determine need for volunteer workers and additional manpower to be provided by the Davidson Co. Sheriff's Office, Offender Worker Program.

## **Notification Of Residents**

US Army Corps Of Engineers sensors within the Wolf Creek Dam would provide ample early warning of a pending failure of the earthen dam. An unexpected sudden failure of the dam is unlikely. Therefore, the US Army Corps Of Engineers would have advance notice of a catastrophic failure of the dam. The City will have a couple days to prepare before floodwater reaches our immediate area.

US Army Corps Of Engineers will active the NOAA warning system to alert the public. Public notification will occur in this manner:

1. NOAA Weather Radio Alert Broadcasts.
2. Activation of OEM Emergency Plan.
3. Television and Radio emergency broadcasts.
4. OEM information scrolling on television stations and radio announcements advising of evacuations, evacuation routes and shelters.
5. OEM activation of Reverse 911 System.
6. Local news media coverage of the pending flood event.

In addition to the above, the City Of Lakewood will:

1. City Manager to get instruction from OEM.
2. Distribution of Orange EVAC signs, placed in mailboxes of all residents in flood zones. (See Appendix A)
3. Utilize City employees, volunteers and manpower provided by Davidson Co. Sheriff's Office, Offender Worker Program EVAC sign distribution.
4. Rent a 15-passenger van and provide City personnel to transport citizens without means of transportation to designated OEM Evacuation Staging Area for the Old Hickory Area.
5. When advised by OEM or when determined by City Manager or his designate, dispatch emergency vehicles and personnel with Public Address Systems (PA) to expected flood zones, driving at 5 mph, alternating with siren and scripted PA announcement of mandatory evacuation. (See Appendix B)
6. Utilize volunteers and CERT Team Members to close and secure roads in flood zones after evacuations.
7. Utilize Lakewood Police Officers to enforce mandatory evacuation orders.

## **Curfew**

City Manager may instate dusk to dawn residential and business curfew for the City Of Lakewood.

Curfew for traffic traveling north and south on Old Hickory Blvd. / Hadley Avenue will be determined by OEM.

**Financial Accountability**

The City Of Lakewood will be responsible for keeping accurate account of all financial transactions used during this state of emergency to include, but not limited to; overtime hours paid, equipment needs, materials and supplies, food and fuel.

The City Of Lakewood will submit a complete financial report to OEM or submit directly to the federal government for reimbursement of Wolf Creek Dam emergency related expenses.

**WHEN MANDATORY EVACUATION HAS BEEN DELCARED, EVERYONE MUST EVACUATE IMMEDIATELY.**

**PLACE THIS SIGN IN FRONT WINDOW OR ON FRONT DOOR WHEN EVACUATED.**

**EVAC**

**If You Have No Means Of Transportation To Evacuate, Call Lakewood City Hall**

**847-8030 OR 847-3711**

## Appendix B

### Script For Emergency Evacuation Orders

- Attention
- This is an announcement from the City Of Lakewood.
- A state of emergency has been declared in Davidson Co.
- The Wolf Creek Dam has failed.
- The Cumberland River OR Old Hickory Lake will begin flooding your area shortly.
- Evacuation is mandatory.
- You are ordered to pack essential items, medications and leave immediately.
- Take your pets with you.
- If you have family or friends outside Davidson Co., you are asked to stay with them.
- If you need a place to stay, listen to local radio instructions for Shelters and Safe Areas.
- If you do not have transportation to leave the area, call the Lakewood City Hall at 847-8030 or 847-3711.
- Place your orange EVAC sign in your front window or on your front door as you evacuate.
- Attention.....Wolf Creek Dam has failed and Davidson Co. has declared a state of emergency.....Evacuation is mandatory.