



MARTHA L. FRECH, P.E.  
PRESIDENT

---

21 SUNRISE DRIVE  
LEECHBURG, PENNSYLVANIA  
15656

---

TELE: 412-372-5150  
CELL: 724-991-4541  
FAX: 412-372-5152

---

**EMERGENCY ACTION PLAN  
SURVEILLANCE, WARNING AND EVACUATION  
PROCEDURES**

**TOWNSHIP LINE DAM  
DEP NUMBER D65-033**

**LOCATED IN WESTMORELAND COUNTY,  
HEMPFIELD AND UNITY TOWNSHIPS**

**LATITUDE N 40° 16' 43" LONGITUDE W 79° 30' 00"**

**OPERATED BY: MR. JOHN R. BURNS  
PRESIDENT, LAKE LAGO, INC,  
ADDRESS: 4 ALTA VITA DRIVE  
GREENSBURG, PA 15601**

**TELEPHONE: WORK: (412) 906-6000  
HOME: (724) 853-8877  
24-HOUR: (412) 906-6000 (cell)**

**OWNED BY: MR. JOHN R. BURNS  
PRESIDENT, LAKE LAGO, INC.  
ADDRESS: 4 ALTA VITA DRIVE  
GREENSBURG, PA 15601  
TELEPHONE: WORK: (412) 906-6000  
HOME: (724) 853-8877**

**DATE: SEPTEMBER 11, 2008**

**PROJECT NO. 07-106**

## TABLE OF CONTENTS

	PROMULGATION AND CONCURRENCE	ii-iii
I.	PURPOSE AND SCOPE	1
II.	SITUATION	1
III.	CONCEPT OF OPERATIONS	2
IV.	RESPONSIBILITIES AND DUTIES	4
V.	ADMINISTRATION AND LOGISTICS	7
VI.	AUTHORITY AND REFERENCES	8
VII.	DEFINITIONS	8
VIII.	EXERCISE AND TRAINING	11
IX.	PLAN MAINTENANCE AND DISTRIBUTION	11

## ATTACHMENTS

ATTACHMENT A - INUNDATION MAP	13
ATTACHMENT B - TRAFFIC CONTROL POINTS	17
ATTACHMENT C - LOCATION MAP	18
ATTACHMENT D - TELEPHONE ROSTER	19
ATTACHMENT E - MEDIA ANNOUNCEMENT	20
ATTACHMENT F - NOTICE	21

September 11, 2008

## PROMULGATION AND CONCURRENCE

We, the undersigned, on date indicated, have reviewed the requested support activity in the Emergency Action Plan for the Township Line Dam. Our support action will be executed in accordance with existing Standing Operation Procedures.

### DAM OWNER:

\_\_\_\_\_  
(Signature)  
John R. Burns  
President, Lake Lago, Inc.

\_\_\_\_\_  
DATE

### DAM OPERATOR:

\_\_\_\_\_  
(Signature)  
John R. Burns  
President, Lake Lago, Inc.

\_\_\_\_\_  
DATE

### HEMPFIELD TOWNSHIP EMA:

\_\_\_\_\_  
(Signature)  
David E. Roddy, Hempfield Township EMA Coordinator

\_\_\_\_\_  
DATE

### UNITY TOWNSHIP EMA:

\_\_\_\_\_  
(Signature)  
Peter Tenerowicz, Unity Township EMA Coordinator

\_\_\_\_\_  
DATE

### WESTMORELAND COUNTY EMA:

\_\_\_\_\_  
(Signature)  
Richard J. Matason, Westmoreland County EMA

\_\_\_\_\_  
DATE

September 11, 2008

**PEMA AND DEP APPROVALS**

**The Pennsylvania Emergency Management Agency, hereby finds the Emergency Action Plan contains sufficient elements for an effective warning and evacuation plan.**

\_\_\_\_\_  
Director, PEMA Western Area Office

\_\_\_\_\_  
DATE

**The Department of Environmental Protection, Bureau of Waterways Engineering, Division of Dam Safety hereby approves the Emergency Action Plan for TOWNSHIP LINE DAM (D65-033).**

\_\_\_\_\_  
Chief, Division of Dam Safety

\_\_\_\_\_  
DATE

## I. PURPOSE AND SCOPE

- A. To safeguard the lives as well as to reduce property damage of the citizens living within the dam's potential downstream flood or inundation area.
- B. To provide for effective dam surveillance, prompt notification to local emergency management agencies, citizen warning and evacuation response, when required.
- C. To identify emergency actions to be taken by the dam owner/operator, public officials, emergency personnel, and to outline response actions in the event of a potential or imminent failure of the dam.

## II. SITUATION

- A. The dam is a 56-foot high and 790-foot long earthen embankment recreation dam, maintaining a normal pool volume of 750 acre-feet with a maximum reservoir storage volume of 1250 acre-feet.
- B. The dam is located on Township Line Run in Hempfield and Unity Townships, Westmoreland County. State Route (SR) 130 borders the dam to the south, and the Lago De Vita Development surrounds the impoundment. Refer to Location Map at **Attachment C**.
- C. The area subject in inundation, should the Dam fail, varies from 200 to 1300 feet in total width, being those areas adjacent to Township Line Run, extending south 5.5 miles from the Dam downstream to the stream's confluence with Sewickley Creek. See Inundation Map at **Attachment A**.
- D. Roughly 100 structures (approximately 250 residents) are located within this area and these are predominately single-family homes. Some of the structures have first-floor elevations above the inundation elevations, however, flood damage to those homes with exposed basement walls can be expected during the PMF failure scenario. The inundation area includes two golf courses. In addition the following roads will be impacted by flooding (either inundated or cut off): Lakewood Road, Route 130, Pacek Road, Waterbury Drive, Newport Drive, Fairfield Drive, Bellfield Court, Pembroke Court, Sussex Way, Green Valley Road, Bailey Farm Road, Bennetts Road, Mt Pleasant Road, Pattern Shop Road, Brinkerton Road, Valley Green Road, Albrights Lake Road, Pores Road, Harhai Road, and Armburst Brinkerton Road, Refer to the Inundation Map at **Attachment A**.

### III. CONCEPT OF OPERATIONS

#### A. SURVEILLANCE - (DAM OWNER OR OPERATOR)

##### 1. Normal Conditions

- a. Mr. John Burns, President Lake Lago, Inc, will conduct an on-site visual inspection of the dam, the dam's spillway(s), control systems, and the toe area below the dam at a minimum of once every three months. Any abnormal or questionable conditions will be immediately brought to the attention of the Owner's engineer and the Division of Dam Safety of DEP.

##### 2. Unusual Event Conditions

- a. Possible failure of this dam is most likely to occur during severe thunderstorms, heavy rains with local flood warnings, tropical storms and hurricanes, or heavy rains with frozen ground and/or snow cover.
- b. Mr. John Burns, President Lake Lago, Inc. will commence 24-hour continuous around-the-clock surveillance of conditions at the dam site when:
  - (1) The water level in the impoundment area has reached the threshold level of 6 feet below the top of the dam, or
  - (2) The National Weather Service issues a flash flood watch or warning and conditions warrant, or
  - (3) Any condition(s) listed in Section III.C.1 is observed during routine dam maintenance or an inspection, or
  - (4) Following the occurrence of an earthquake in the general region of the dam.

#### B. TERMINATION OF SURVEILLANCE

1. The Mr. John Burns, President Lake Lago, Inc. may terminate 24 -hour surveillance of dam site conditions when:
  - a. The National Weather Service ends a flash flood watch or warning, and
  - b. Heavy rains have ended and the water level in the lake has dropped 6 feet below the top of the dam and is receding.

- c. After personal inspection by a knowledgeable professional engineer of the dam site, following an earthquake, overtopping of the dam, or an evacuation of the inundation area as a result of this EAP, or other serious problems resulting in a notification of a dam site emergency.

C. WARNING NOTIFICATION

- 1. Mr. John Burns, President Lake Lago, Inc. is responsible for determining the dam's threat potential. The following conditions constitute a dam emergency and require notification to the Westmoreland County Communications Center 911 and the Department of Environmental Protection's Southwest Regional Office.
  - a. The water level in the impoundment area has reached the threshold level of 3.5 feet below the top the dam.
  - b. The depth of flow in the emergency spillway has reached the depth of 10 feet.
  - c. Imminent failure of this dam might be indicated by observance of one or more of the following conditions at the dam site.
    - (1) The lake or pond level is at or near the top of the dam and water is flowing, or about to flow, over the top of the dam.
    - (2) The overflow pipe or spillway is damaged, or clogged with debris or ice, which is resulting in a rapid rise in the lake or pond level.
    - (3) The emergency spillway is experiencing heavy flows which are causing severe erosion to the spillway or the dam embankment.
    - (4) Any structural movement or failure of the concrete (masonry) spillway or the spillway abutment walls.
    - (5) Any sloughing or sliding of the embankment upstream or downstream slope. Also, earth slides in the spillway channel, either upstream or downstream the dam's crest, which could impede the flow in the spillway.
    - (6) Subsidence, sinkholes or cracks found in any part of the dam's embankment or abutting slopes.

- (7) Any new discharge of water is observed through the dam's embankment or abutting slopes, adjacent to any conduit outlets, or under the dam, which appears as a boil along the downstream toe. Should such a discharge occur and the water is cloudy or muddy in color, then a very serious problem exists.
2. Warning notification will be relayed from the Westmoreland County Communications Center 911 to all emergency responders and designated government officials and agencies.
3. Emergency management officials will accomplish the needed actions, which are explained in this EAP, in accordance with their existing recommended operating guidelines and existing municipal or county emergency operation plans.

**D. EVACUATION**

Evacuation or pre-evacuation warning of the public may commence upon notification by Mr. John Burns, President Lake Lago, Inc. of a potential or imminent failure of the dam. Emergency responders will initiate action in accordance with plan outline and any existing internal organizational recommended operating guidelines, and existing municipal or county operation plans

**IV. RESPONSIBILITIES AND DUTIES - EMERGENCY RESPONSE**

**A. DAM OWNER (SURVEILLANCE- DAM SITE EMERGENCY)**

1. Mr. John Burns, President Lake Lago, Inc. will provide for 24-hour on site dam surveillance and monitoring.
2. When the situation meets the criteria under the warning notification guidelines, presented in Section III.C.1, indicating a failure of the dam is possible or a significant threat condition is developing, Mr. John Burns, President Lake Lago, Inc. will initiate warning communication to the Westmoreland County Communications Center 911 and the Department of Environmental Protection's Southwest Regional Office.

**B. WESTMORELAND COUNTY COMMUNICATIONS CENTER 911**

1. The Westmoreland County Communications Center will notify:
  - a. Westmoreland County EMA
  - b. Pennsylvania State Police Department - Greensburg
  - c. West Point Volunteer Fire Department



- d. Dry Ridge Volunteer Fire Department
- e. Mutual Aid Ambulance Service

C. WESTMORELAND COUNTY EMA

1. The Westmoreland County EMA will contact the following personnel and agencies:
  - a. Hempfield Township EMA
  - b. Unity Township EMA
  - c. Media - Advisory and/or Warning (Activate EAS). Refer to Attachment E
  - d. Westmoreland County EMA staff, as necessary
  - e. American Red Cross – Westmoreland County Chapter (when mass care or family assistance is required). Coordinate sheltering per ESF 6 of County EOP.
  - f. Westmoreland County elected officials
  - g. Hempfield Area School District
  - h. Greater Latrobe School District
  - i. Pennsylvania Emergency Management Agency
  - j. Pennsylvania Department of Transportation, District 12
2. The Westmoreland County EMA will ascertain and report to PEMA any unmet needs requirements.
3. The Westmoreland County EMA will initiate Damage Assessment and Recovery procedures as the situation requires.

D. LOCAL MUNICIPAL EMAs

1. Hempfield Township EMA and Unity Township EMA will conduct the following tasks:
  - a. Notify municipal elected officials.
  - b. Advise municipal services (water, sewer, etc.).

- c. Keep the County EMA apprised of the situation.
- d. Coordinate the evacuation (where appropriate).
- e. Perform initial damage assessment.

E. FIRE DEPARTMENTS

- 1. West Point Volunteer Fire Department and Dry Ridge Volunteer Fire Department
  - a. Provide citizen notification and route alerting to advise residents living within their jurisdiction. (See Inundation Map - Attachment A)
  - b. Assist in evacuation.
  - c. Assist police and EMS, as requested.
  - d. Provide communications support if feasible and requested.

F. POLICE SERVICES

- 1. PENNSYLVANIA STATE POLICE
  - a. Dispatch radio vehicle to dam site in order to provide alternate communications system.
  - b. Assist evacuation traffic flow and establish traffic control points (TCP) at pre-designated locations (See Inundation Map – Attachment A and Traffic Control Points – Attachment B).
  - c. Prevent unauthorized entry into emergency areas.
  - d. Provide assistance with route alerting, if requested.

G. EMERGENCY MEDICAL SERVICES (EMS)

- 1. Mutual Aid Ambulance Service
  - a. Provide evacuation transportation assistance and coordinate with designated fire services agencies for transportation of persons with disabilities and any special needs.
  - b. Assist fire and police departments as requested.

- c. Provide EMS support to any mass care center as requested.

**H. AMERICAN RED CROSS**

- 1. WESTMORELAND COUNTY CHAPTER (If requested by Westmoreland County EMA)
  - a. Designate the reception center and the mass care center closest to the Hot Zone within the Safety Zone.
  - b. Alert person(s) responsible to set-up and operate reception center and the mass care center.
  - c. Support operations of the reception center and activate mass care center staff.
  - d. Maintain operations of reception center/mass care center as requested by EMA officials until final disposition of evacuees is completed.

**I. PENNSYLVANIA DEPARTMENT OF TRANSPORTATION (PennDOT)**

- 1. Provide services, signs, barricades and guidance on roads and bridges affecting the evacuation and recovery.

**V. ADMINISTRATION AND LOGISTICS**

**A. Notices (see Attachment F) will be posted at the following public places:**

- 1. Hempfield Township Building
- 2. Westmoreland County Tax Office
- 3. Unity Township Building

**B. The Notice (see Attachment F) must state that copies of the Emergency Action Plan for this dam are available for inspection at the following locations (include physical address):**

- 1. Westmoreland County Emergency Management Agency Office,  
911 Public Safety Road, Greensburg, PA 15601
- 2. Hempfield Township Emergency Management Office,  
1132 Woodward Drive, Suite A, Greensburg, PA 15601
- 3. Unity Township Emergency Management Office

154 Beatty County Road, Latrobe, PA 15650

- C. New Notices will be sent to those agencies in paragraph "A" above whenever Plan is revised.

## VI. AUTHORITY AND REFERENCES

### A. AUTHORITY

1. The Dam Safety and Encroachments Act (32 P.S. sections 693.1-693.27), May 16, 1985.
2. The Pennsylvania Code - Title 25, Chapter 105 Dam Safety and Waterways Management, Section 105.63 and 105.134.
3. Emergency Management Services Code, 35 Pa C.S. Section 7101 et seq., as amended.

### B. REFERENCES

1. Guidelines for Developing an Emergency Action Plan for Hazard Category 1 & 2 Dams. Prepared by the Department of Environmental Protection, Water Management, Bureau of Waterways Engineering, Division of Dam Safety, and the Pennsylvania Emergency Management Agency, July 2005.
2. Inspection, Maintenance and Operation of Dams in Pennsylvania. Prepared by the Department of Environmental Protection, Water Management, Bureau of Waterways Engineering, Division of Dam Safety, August 2004.
3. Westmoreland County Emergency Operations Plan.

## VII. DEFINITIONS

- A. **ABUTMENT** - The part of the valley's hillside against which the dam abuts. Right and left abutments are those on respective sides of the dam as an observer looks downstream.
- B. **AFFECTED COUNTIES/MUNICIPALITIES** – Those jurisdictions within Pennsylvania or adjoining states that, according to the inundation map, may experience flooding as a result of a failure of the dam.
- C. **BOIL** - A disturbance in the surface layer of soil caused by water escaping under pressure from behind a water-retaining structure such as a dam or a levee. The boil may be

accompanied by deposition of soil particles (usually sand or silt) in the form of a ring (miniature volcano) around the area where the water escapes.

- D. **BREACH** - An opening or a breakthrough of a dam sometimes caused by rapid erosion of a section of earth embankment by water.
- E. **CONDUIT** - A pipe used to convey water through or around or under a dam.
- F. **CONTROL TOWER** - A structure in the dam or reservoir used to control withdraw of water from the reservoir thru pipes or culverts.
- G. **CREST OF DAM** - The crown of an overflow section of the dam. In the United States, the term "crest of dam" is often used when "top of dam" is intended. To avoid confusion, the terms **crest of spillway** and **top of dam** should be used for referring to the overflow section and dam proper, respectively.
- H. **CULVERT** - (a) A drain or waterway structure built transversely under a road, railway, or embankment. A culvert usually comprises a pipe or a covered channel of box section. (b) A gallery or waterway constructed through any type of dam, which is normally dry but is used occasionally for discharging water; hence the terms scour culvert, drawoff culvert and spillway culvert.
- I. **DAM** - A barrier built across a watercourse for impounding or diverting the flow of water.
- J. **DAM FAILURE** - The uncontrolled release of a dam's impounded water. It is recognized that there are degrees of failure. Any malfunction or abnormality, outside the design assumptions and parameters, which adversely affect a dam's primary function of impounding water is properly considered a failure. Minor malfunctions or abnormalities can result in a sudden failure of a dam.
- K. **EARTH DAM (EARTHFILL DAM)** - An embankment dam in which more than 50% of the total volume is formed of compacted fine-grained earth.
- L. **EMBANKMENT** - Fill material, usually earth or rock, placed with sloping sides.
- M. **EMERGENCY** - A condition of serious nature which develops unexpectedly and endangers the structural integrity of a dam or endangers downstream property and human life. An emergency requires immediate action.
- N. **EMERGENCY ACTION PLAN (EAP)** - A formal plan of procedures designed to minimize consequences to life and property in the event of an emergency at a dam.
- O. **FACE** - With reference to a structure, the external surface that limits the structure, e.g., the face or a wall or dam.

- P. **FAILURE** - An incident resulting in the uncontrolled release of water from an operating dam. See "Dam Failure".
- Q. **FOUNDATION OF DAM** - The natural material on which the dam structure is placed.
- R. **GROIN** - That area along the contact (or intersection) of the face of a dam with the abutment.
- S. **HAZARD** - A situation which creates the potential for adverse consequences such as loss of life, property damage, and adverse social and environmental impacts. Impacts may be for a defined area downstream of a dam from floodwaters released through spillways and outlet works of the dam or waters released by partial or complete failure of the dam. They may also be for an area upstream of the dam from effects of backwater flooding or effects of landslides around the reservoir perimeter.
- T. **INUNDATION AREA** - The downstream area that would be flooded or other wise affected by the failure of a dam or large flows. This area can be subject to a fast moving flood wave, 20 to 50 MPH is common, with a height of 1 foot to tens of feet
- U. **INUNDATION MAP** - A map delineating the area that would probably be flooded in the event of a dam failure. This map must be prepared by a registered professional engineer.
- V. **NOTIFICATION** - To promptly inform appropriate individuals or emergency agency about an emergency condition so they can initiate appropriate actions.
- W. **NORMAL WATER LEVEL (NORMAL WATER POOL)** - For reservoir with a fixed overflow spillway crest, it is the lowest level of that crest.
- X. **OPERATOR** - The person or position in a company or organization, who is responsible for a dam's operation and surveillance.
- Y. **OUTLET** - A constructed opening through which water can be safely discharged for a particular purpose from a reservoir.
- Z. **OWNER** - Any person, authority or agency that manages a dam or reservoir.
- AA. **SEEPAGE** - The movement of water that might occur through the dam, its foundation or its abutments. Small amounts of clear water seepage is normal. Increase in the amount of water flow or change in color is a concern for a dam's safety.
- BB. **SLIDE** - The movement of a mass of earth and/or down a slope. In embankments and abutments, this involves the separation of a portion of the slope from the surrounding materials.

- CC. **SPECIAL NEEDS FACILITY** – A building or establishment relating to people who have specific needs, such as children or those associated with a disability.
- DD. **SPILLWAY** - A structure over or through which flows are discharged. If the flow is controlled by gates, it is considered a controlled spillway; if the elevation of the spillway crest is the only control, it is considered an uncontrolled spillway.
- EE. **SPILLWAY CHANNEL** - A channel conveying water from the spillway crest to the river downstream.
- FF. **TOE OF DAM** - The junction of the downstream face of a dam with the ground surface. Also referred to as downstream toe. For an embankment dam, the junction of the upstream face with ground surface is called the upstream toe.
- GG. **TOP OF DAM** - The elevation of the uppermost surface of a dam, usually a road or walkway, excluding any parapet wall, railings, etc.
- HH. **TRAFFIC CONTROL POINT (TCP)** – Manned and unmanned posts established at critical road junctions for the purpose of controlling or limiting traffic. TCPs are used to control evacuation movement and also limit entry into the inundation area when an emergency situation requires it.

#### VIII. EXERCISE AND TRAINING

The dam owner will advise and cooperate with the Westmoreland County EMA of any exercises scheduled, and coordinate with the Westmoreland County EMA to exercise all or portions of this EAP as part of the county's all-hazard exercise program schedule.

#### IX. PLAN MAINTENANCE AND DISTRIBUTION

- A. This Plan will be reviewed every five years by the owner or the owner's engineer. During the five year review:
  - 1. The owner's engineer will field review the flood (inundation) area for any increase in downstream development and revise the Inundation Map, if needed.
  - 2. The owner's engineer will review and revise surveillance conditions as needed.
  - 3. The owner will coordinate with Westmoreland County EMA if population increase or development within the inundation area could affect the emergency response requirements. If so, a new or revised plan should be developed.
  - 4. The owner will obtain concurrence from the affected county EMA offices.

5. The owner will submit revised plan to DEP for approval.
- B. A copy of the approved EAP will be distributed to those emergency response agencies listed in Section IV and a letter certifying distribution of the approved EAP will be sent to the DEP, Division of Dam Safety.

**ATTACHMENTS:**

ATTACHMENT A - DOWNSTREAM FLOOD AREA (INUNDATION) MAP  
ATTACHMENT B - TRAFFIC CONTROL POINTS  
ATTACHMENT C - LOCATION MAP  
ATTACHMENT D - TELEPHONE ROSTER  
ATTACHMENT E - MEDIA ANNOUNCEMENT  
ATTACHMENT F - NOTICE



# ATTACHMENT B

## TRAFFIC CONTROL POINTS

TCP - 1	At Lakewood Road, 500 feet west of the intersection of the Lago de Vita Development entrance road and Lakewood Road.	Pennsylvania State Police
TCP - 2	At Lakewood Road, 650 feet east of the intersection of the Lago de Vita Development entrance road and Lakewood Road.	Pennsylvania State Police
TCP - 3	At Route 130, 1000 feet east of the intersection of West Point Drive and Route 130.	Pennsylvania State Police
TCP - 4	At Route 130, 2000 feet northwest of the intersection of Kings Nursery Road and Route 130	Pennsylvania State Police
TCP - 5	At Pacek Road, 2000 feet northwest of the intersection of Bailey Farm Road and Pacek Road.	Pennsylvania State Police
TCP - 6	At Fairfield Drive, 800 feet south of the intersection of Strafford Drive and Fairfield Drive.	Pennsylvania State Police
TCP - 7	At Newport Drive, 1650 feet southeast of the intersection of Westland Drive and Newport Drive.	Pennsylvania State Police
TCP - 8	At Waterbury Drive, 650 feet south of the intersection of Chelsea Drive and Waterbury Drive.	Pennsylvania State Police
TCP - 9	At Stamford Drive, just south of the intersection of Abington Drive and Stamford Drive.	Pennsylvania State Police
TCP - 10	At Bailey Farm Road, 2800 feet southwest of the intersection of Myers Road and Bailey Farm Road	Pennsylvania State Police
TCP - 11	At Bennets Road, 1 mile west of the intersection of Myers Road and Bennets Road.	Pennsylvania State Police
TCP - 12	At Mt. Pleasant Road, 2100 feet west of the intersection of Firestone Road and Mt. Pleasant Road.	Pennsylvania State Police
TCP - 13	At Mt. Pleasant Road, 2500 feet south of the intersection of Ridgeview Drive and Mt. Pleasant Road.	Pennsylvania State Police
TCP - 14	At Brinkerton Road, 3650 feet south of the intersection of Smartnick Road and Brinkerton Road.	Pennsylvania State Police
TCP - 15	At Brinkerton Road, 2600 feet north of the intersection of Weavers Road and Brinkerton Road.	Pennsylvania State Police
TCP - 16	At Valley Green Road, 3000 feet northeast of the intersection of Albrights Lake Road and Valley Green Road	Pennsylvania State Police
TCP - 17	At entrance of private road along eastern side of Valley Green Road, 2000 feet south of the intersection of Ablrights Lake Road and Valley Green Road.	Pennsylvania State Police
TCP - 18	At Albrights Lake Road, 3000 feet south of the intersection of Ablrights Lake Road and Valley Green Road.	Pennsylvania State Police
TCP - 19	At Pores Road, 3800 feet west of the intersection of Brinkerton Road and Pores Road.	Pennsylvania State Police
TCP - 20	At Armburst Brinkerton Road, 3800 feet northwest of the intersection of Udell Road and Armburst Brinkerton Road.	Pennsylvania State Police
TCP - 21	At Armburst Brinkerton Road, 500 feet east of the intersection of Mt. Pleasant Road and Armburst Brinkerton Road.	Pennsylvania State Police



Directions: Take Route 30 East Bound east of Greensburg. Take the exit for Route 130 South Bound or Humphrey Road. Follow Route 130 for 2.3 miles. Make a left into the Lago de Vita Development. Make an immediate right onto Lakewood Road. The dam will be on your left.

**Map Ref:**  
2006 NAVTEC BY  
Microsoft Corporation

**Scale:**  
As Shown

#### LOCATION MAP

TOWNSHIP LINE DAM  
HEMPFIELD TOWNSHIP & UNITY TOWNSHIP  
WESTMORELAND CO., PA

ATTACHMENT C

# ATTACHMENT D

## TELEPHONE ROSTER

CONTACTS	EMERGENCY	NON-EMERGENCY
<b><u>Dam Owner/Operator</u></b> John Burns, President Lake Lago, Inc.	(412) 906-6000	(412) 906-6000 (work) (724) 853-8877 (home)
<b><u>Westmoreland County Communications Center will notify:</u></b>		
a. Westmoreland County EMA	911 (724)- 836-1551	(724) 600-7358
b. Pennsylvania State Police – Greensburg	911	(724) 832-3288
c. West Point Volunteer Fire Department	911	
d. Dry Ridge Volunteer Fire Department	911	
e. Mutual Aid Ambulance Service	911	
<b><u>Westmoreland County EMA will contact the following personnel and agencies:</u></b>		
a. Hempfield Township EMA - David E. Roddy	911	(724) 834-7232 ext 127 (724) 640-6336 (cell) (724) 853-0802(page)
b. Unity Township EMA - Peter Tenerowicz	911	(724) 539-2546 ext 22 (724) 787-1264 (cell) (724) 832-2226 (page)
c. Media – Advisory and/or Warning (Activated EAS) (Refer to <i>Media Announcement, Attachment E</i> ) -KDKA-AM – 1020	N/A	(412) 575-2544
d. Westmoreland County EMA staff, if necessary		
e. American Red Cross – Westmoreland County Chapter (when mass care or family assistance is required). Coordinate sheltering per ESF 6 of County EOP.	N/A	(724) 834-6510
f. Westmoreland County County Commissioners: Tony Balya, Tom Ceraso and Kim Ward	N/A	(724) 830-3106
g. Hempfield Area School District	(724) 433-2678	(724) 834-2230
h. Greater Latrobe School District	N/A	(724) 539-4212
i. Pennsylvania Emergency Management Agency (PEMA)	(717) 651-2001	(717) 651-2001
j. Pennsylvania Department of Transportation – District 12 -Hempfield Township: Duane Wright, ACMM -Unity Township: Keith Howard, ACMM	N/A (724) 433-8586( (724) 433-1710	(724) 439-7315
<b><u>DEP Division of Dam Safety</u></b>	(717) 787-4343	(717) 787-8568
<b><u>DEP Southwest Regional Office</u></b>	(412) 442-4000	(412) 442-4187

# **ATTACHMENT E**

## **MEDIA ANNOUNCEMENT**

### **WARNING MESSAGE:**

The Westmoreland County Emergency Management Agency advises that due to conditions at the Township Line Dam in Hempfield and Unity Townships, the public should avoid the area downstream of the dam along Township Line Run from Route 130 to Armburst Brinkerton Road. Stay tuned for further information.

\*\*\*REPEAT PERIODICALLY\*\*\*

### **EVACUATION MESSAGE:**

The Westmoreland County Emergency Management Agency is advising all residents living downstream of the Township Line Dam in Hempfield and Unity Townships to evacuate the area immediately. Evacuate the area along Township Line Run from Route 130 to Armburst Brinkerton Road. If you require shelter during this emergency you should report to \_\_\_\_\_ (location of reception/ mass care center to be determined by American Red Cross – Westmoreland County Chapter at the time of the emergency).

\*\*\*REPEAT PERIODICALLY\*\*\*

### **INCIDENT RESOLVED, SAFE TO RETURN:**

The Westmoreland County Emergency Management Agency is advising residents of the area downstream of the Township Line Dam in Hempfield and Unity Townships that the problem at the dam has been resolved and that residents may return to their homes.

\*\*\*REPEAT PERIODICALLY\*\*\*

**NOTE:** The above messages should be modified as necessary to fit the situation.

## **ATTACHMENT F**

# **NOTICE**

**TOWNSHIP LINE DAM HAS BEEN CLASSIFIED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION AS A HIGH HAZARD DAM; THIS IS, A DAM SO LOCATED AS TO ENDANGER POPULATED AREAS DOWNSTREAM BY ITS FAILURE.**

---

**AN EMERGENCY ACTION PLAN HAS BEEN DEVELOPED FOR  
TOWNSHIP LINE DAM**

**A COPY OF THIS PLAN, INCLUDING AN INUNDATION MAP NOTING  
AREAS IN**

**HEMPFIELD TOWNSHIP  
UNITY TOWNSHIP**

**SUBJECT TO FLOODING IN THE EVENT OF FAILURE, IS AVAILABLE  
FOR PUBLIC INSPECTION AT THE FOLLOWING LOCATIONS:**

**WESTMORELAND COUNTY  
DEPARTMENT OF PUBLIC  
SAFETY**

**911 PUBLIC SAFETY ROAD  
GREENSBURG, PA 15601**

**HEMPFIELD TOWNSHIP EMA**

**1132 WOODWARD DRIVE, SUITE A  
GREENSBURG, PA 15601**

**UNITY TOWNSHIP EMA**

**154 BEATTY COUNTY ROAD  
LATROBE, PA 15601**