

EMERGENCY ACTION PLAN

For

_____ DAM

_____ COUNTY, NORTH CAROLINA

State ID #: _____

Date: _____

Owner Name: _____

Address: _____

Telephone #: _____

Signature

Date

EAP prepared by: _____

Address: _____

Telephone #: _____

Signature

Date

Emergency Action Plan

Dam: _____

County: _____

INSTRUCTIONS

This Emergency Action Plan is applicable to small dams as defined by North Carolina Administrative Code 15A-2K .0205. The purpose of this Emergency Action Plan (EAP) is to safeguard the lives and reduce risk of damage to property downstream of the referenced dam in the event of flooding that may be caused by failure of the dam.

In the event that the dam owner/supervisor/caretaker observes or is informed of one or more of the conditions listed under "Emergency Conditions," or for any other reason feels that the structural integrity of the dam is at risk, then the owner or his representative shall contact the entities listed in the Notification Sequence on Page 3 of this Emergency Action Plan.

Upon receiving notification of an emergency situation, the State Emergency Operations Center shall contact the State Dam Safety Program and the appropriate local Emergency Management office.

EMERGENCY CONDITIONS

The following conditions indicate an existing or potential emergency situation. If one or more of these are observed, the owner should initiate the Notification Sequence on Page 3 immediately.

- Water flowing around the abutments of the dam or undermining the dam.
- Turbid seepage (that is, muddy seepage) emerging from the downstream slope of the dam, from around a spillway outlet pipe, from a seepage collection system drainpipe, from underneath a spillway slab or from the area just downstream of the dam.
- Seepage rates increasing significantly over a short period of time.
- New cracking, sliding, settlement, or other evidence of movement not previously noticed on the dam, the foundation or an abutment.
- Concentrated seepage or flow emerging from or near the dam embankment.
- "Boils" in the area downstream of the dam, or on the abutments. (Note: "Boils" appear to be small sand "volcanoes" which indicate the loss of soil material from the foundation or abutment. Seepage forces cause them.)
- Formation of a whirlpool in the impoundment.

Emergency Action Plan

Dam: _____

County: _____

NOTIFICATION SEQUENCE

Use Power Point insert.

Emergency Action Plan

Dam: _____

County: _____

DOWNSTREAM HAZARDS

The following residences, businesses, roads, etc. would likely be impacted by failure of the _____ Dam. (This page should be reproduced as necessary.)

Example for a Downstream Resident/Business:

Name of Owner or Business (if known)

Street Address

City/State/Zip

Telephone #

Example for a Downstream Road with Location

Description (list local road name and State

Road # if available):

Downstream Road (SR 2136) between Road A (SR 2137) and Road B (SR 2138); where it crosses Dam Creek.

- **Hazard information should be confirmed/updated annually to reflect changes in downstream conditions or ownership information.**

Emergency Action Plan

Dam: _____

County: _____

VICINITY MAP

Please include a map indicating the location of the dam and downstream hazards. A photocopied portion of a United States Geological Survey 7.5-minute Quadrangle map or a North Carolina Department of Transportation county road map is preferred.

An engineering breach analysis may be required for situations where the downstream hazards are not readily identifiable.

Emergency Action Plan

- If **Sequence 2** on Page 3 is followed, please provide the following information to the **Emergency Operations Center** (1-800-858-0368):

Name of Dam: _____

County: _____

State ID #: _____

River or Stream
on which Dam is
Located: _____

Structural Height
of Dam: _____ [ft]

Surface Area at
Normal Pool: _____ [acres]

Drainage Area: _____ [acres]

Directions to Dam: _____

The **Owner** shall be responsible for providing copies of this document to the parties listed below. All information in this document should be updated annually and revised copies provided to the parties listed below.

1. Local Emergency Management Office or 911.

2. Land Quality Section

_____ Regional Office

telephone _____

3. State Dam Safety Engineer
Division of Land Resources
Land Quality Section
1612 Mail Service Center
Raleigh, North Carolina 27699-1612
(919) 733-4574