

6/15/2011 3:56:11 PM C:\Users\jgibbs\OneDrive\Projects\Carvins Cove Dam Break Analysis\GIS\GCP_Panels.mxd



Panel Locator Inset

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Cross Section

Stream

Spillway Design Flood

Sunny Day Breach

Spillway Design Flood With Breach

School

Hospital

City/County Boundary

Notes:

- The information contained in this map is prepared for use in notification of downstream property owners by emergency management personnel.
- Mapping of flooded areas and floodwave travel times are approximate. Timing and extent of actual inundation may differ from information presented on this map.
- It is prudent to assume that areas outside, but adjacent to, the inundation limits shown could also be flooded.
- Due to the topography, floodwave similarities, and map scale, inundation lines may obscure other inundation lines at some locations on the map.

- Hazard Potential Classification: **HIGH**
- Spillway Design Flood: **Probable Maximum Flood**
- The dam's hazard potential classification information shown in this map documents the conditions at the time the map is signed and printed.
- The impacted addresses shown on the map are a result of the Spillway Design Flood with Breach.
- Dam break inundation zone maps shall be provided by the owner to the local government for use in review of proposed development plans and zoning.

* Start time is the beginning of the breach.
** Start time is the beginning of the storm.
*** Depth of water above channel bottom.

0601200

1200

2400

Feet

Coordinate System: NAD 1983 StatePlane Virginia South FIPS 4502 Feet
Source: Virginia Geographic Information Network (2009)
Aerial Imagery Copyright 2002 Commonwealth of Virginia (2009)
ESRI MediaKit (2010)

N

DESIGNED BY: MRG

DRAWN BY: GAN

CHECKED BY: AWG

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DATE: 6/15/11

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REV

DESCRIPTION

DATE

COMMONWEALTH OF VIRGINIA

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CARVINS COVE DAM BREAK ANALYSIS
DAM BREAK INUNDATION ZONE MAP
BOTETOURT COUNTY, VA

PANEL 4

WESTERN VIRGINIA
WATER AUTHORITY

DRAWING NO:
11821007.00

SHEET:
5 OF 10

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