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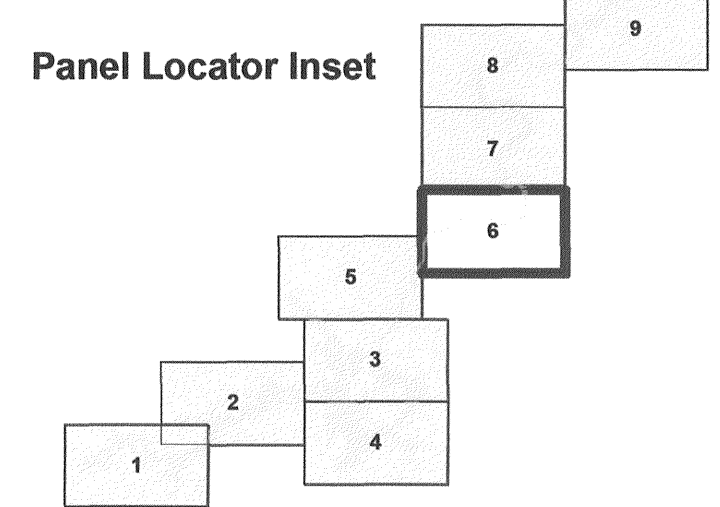
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 DATE: 6/24/11



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

PANEL 6



- Cross Section
- Stream
- Spillway Design Flood
- Sunny Day Breach
- Spillway Design Flood With Breach
- School
- Hospital
- City/County Boundary

Cross Section	Distance from Dam (miles)
Z	17.1

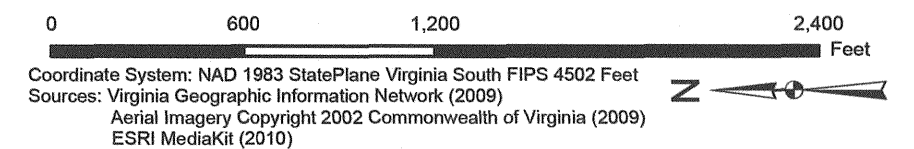
Sunny Day Dam Breach		
First Flood Waters*	Peak Flood Level*	Depth of Water**
(hr:min)	(hr:min)	(feet)
2:45	4:20	20.8

Spillway Design Flood Breach		
First Flood Waters**	Peak Flood Level*	Depth of Water***
(hr:min)	(hr:min)	(feet)
17:15	3:45	38.9

- 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.



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7 OF 10