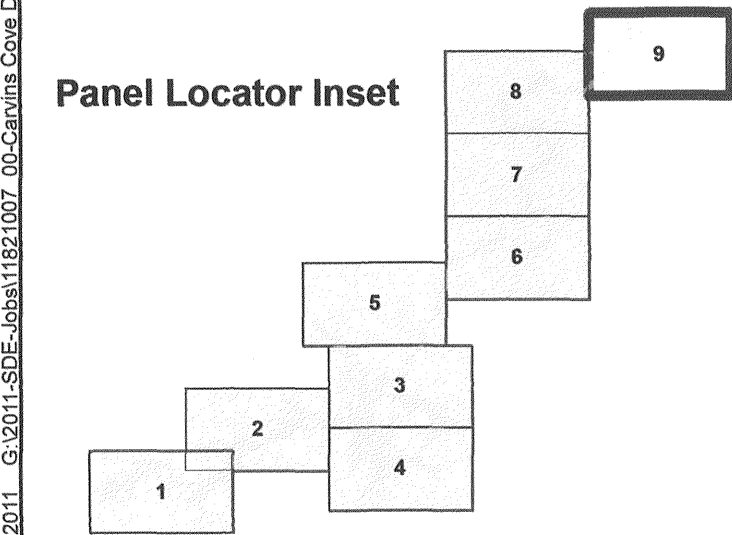


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- Cross Section
- Stream
- Spillway Design Flood
- Sunny Day Breach
- Spillway Design Flood With Breach
- School
- Hospital
- City/County Boundary

Cross Section	Distance from Dam (miles)
DD	28.8
EE	30.5

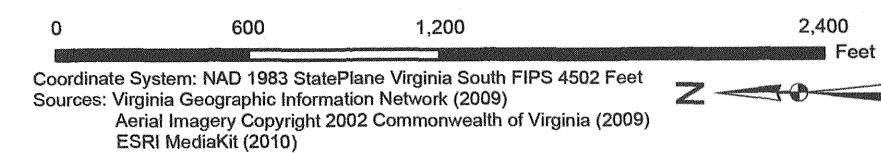
Sunny Day Dam Breach		
First Flood Waters*	Peak Flood Level*	Depth of Water***
(hr:min)	(hr:min)	(feet)
3:30	4:29	63.5
3:35	4:30	74.9

Spillway Design Flood Breach		
First Flood Waters**	Peak Flood Level*	Depth of Water***
(hr:min)	(hr:min)	(feet)
20:19	3:59	64.8
20:20	4:00	75.8

- 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.

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

- 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.



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

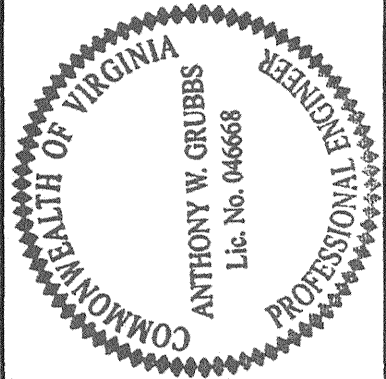
PANEL 9



DRAWING NO:
11821007.00

SHEET:
10 OF 10

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