

Emergency Action Plan (EAP) Scott Candler Reservoir Dams #1 & #2

National Inventory of Dams (NID) No. GA01311 & GA00227
State ID No. 044-024-00377 & 044-108-05350
DeKalb County, Georgia



*With assistance from the
DeKalb County
Emergency Management Agency*



Reviewed and Updated:

Reginald Wells
Reginald Wells, Interim Director, DeKalb County
Department of Watershed Management (DWM)

10/28/19
Date

S.V. Loeffler
S.V. Loeffler, Director
DeKalb County Emergency Management (DEMA)

10-4-19
Date

Copy ___ of ___

Concurrences

By my signature, I acknowledge that I, or my representative, have reviewed this plan and concur with the tasks and responsibilities assigned herein for me and my organization.

1. Reginald Wells DEKALB COUNTY 10/28/19
Signature *Organization* *Date*

Printed name and title: Reginald D. Wells, Director, Department of Watershed Management

2. Jeff Winters 10-14-19
Signature *Organization* *Date*

Printed name and title: Jeff T. Winters, Maintenance Manager, Scott Candler WFP

3. Susan Loeffler 10-4-19
Signature *Organization* *Date*

Printed name and title: Susan Loeffler, DeKalb County Emergency Management, Director

4. Tom Woosley GA SAFE DAMS 12/9/19
Signature *Organization* *Date*

Printed name and title: Tom Woosley, GA Safe Dams, Program Manager

5. Joseph H. Lumpkin Sr. DeKalb County Public Safety 10/04/19
Signature *Organization* *Date*

Printed name and title: Chief Joseph "Jack" Lumpkin, DeKalb County Police Department, Interim Police Chief and Director of Public Safety

6. Darnell Fullum 10.2.19
Signature *Organization* *Date*

Printed name and title: Darnell Fullum, DeKalb County Fire Department, Fire Chief

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Basic EAP Data

Purpose

The purpose of this EAP is to reduce the risk of human life loss and injury and minimize property damage during an unusual or emergency event at Scott Candler Reservoir Dams #1 and/or #2. This document can be used for the following scenarios:

Scenario	Scott Candler Reservoir Dam #1	Scott Candler Reservoir Dam #2
A	Emergency State	Not Impacted - OK
B	Not Impacted - OK	Emergency State
C	Emergency State	Emergency State

Potential Impacted Area

See *Location and Vicinity Maps* tab (Appendix B–2) and *People at Risk* tab (Appendix B–4) for the locations of the following residents and businesses that may be flooded if the dam should fail and the estimated time for the flood wave to travel from the dam to these locations:

- **One of the Dams** (Scenario A or B): approximately 2 miles along Nancy Creek and adjacent areas ending around I-285 off-ramp for North Peachtree Road and ends in that area. Includes inundation of Peachtree Industrial Boulevard at Tilly Mill Exit.
- **Both Dams at the same time** (Scenario C): impact extends to 6.2 miles downstream of dams on Nancy Creek ending around Evergreen Drive and Mill Road and includes overtopping I-285 around N. Peachtree Road as well as Peachtree Industrial Boulevard at Tilly Mill Exit.

Scott Candler Reservoir Dam #1 Description

Height: 55 ft

Built: 1940, updated 1979

Legal Description: Parcel ID: 06 279 01 001

Latitude: 33.93539 Longitude: -84.28088

National Inventory of Dams No.: GA01311

Drainage Area: 0.07 sq. mi.

Hazard Classification: Category I

Dam Operator: DeKalb County Department
Watershed Management (DWM)

Major Property Owner: DWM

Dam Designer: Arthur Pugh

Scott Candler Reservoir Dam #2 Description

Height: 59 ft

Built: 1979, last major update 2003

Legal Description: Parcel ID: 06 279 01 001

Latitude: 33.93722 Longitude: -84.27694

National Inventory of Dams No.: GA00227

Drainage Area: 0.05 sq. mi.

Hazard Classification: Category I

Dam Operator: DWM

Major Property Owner: DWM

Dam Designer: Golder Associates
(Last Major Upgrades)

See detailed design data in Appendix B-5 tab.

Directions to the dam (See *Location and Vicinity Map*; Appendix B–2.)

To reach Scott Candler Reservoir Dams #1 and #2 during a potential failure:

1. Leaving from the DeKalb County Office of Public Safety, at 1950 and 1960 West Exchange Place, Tucker, GA 30084.
2. Turn left onto Northlake Parkway and go 0.2 miles.
3. Use the 2nd from the left lane to turn left onto Lavista Road and go 0.1 miles.
4. Turn right onto the Route 1 N ramp and then merge onto I-285 North. Proceed 2.8 miles once entering I-285.
5. Take Exit 32 for US-23/Buford Hwy toward Doraville and go 1.4 miles.
6. Use the right 2 lanes to turn right onto US-23 N/Buford Hwy NE and go 1.9 miles.
7. Turn left onto Amwiler Road NW and go 0.9 miles.
8. Turn right onto Winters Chapel Rd and go 0.6 miles.
9. Enter Scott Candler WFP on the left.

****Note:** If using a GPS device, enter 33.93801, -84.27038 as the destination. This location will route to the dam as well but may include areas subject to inundation.

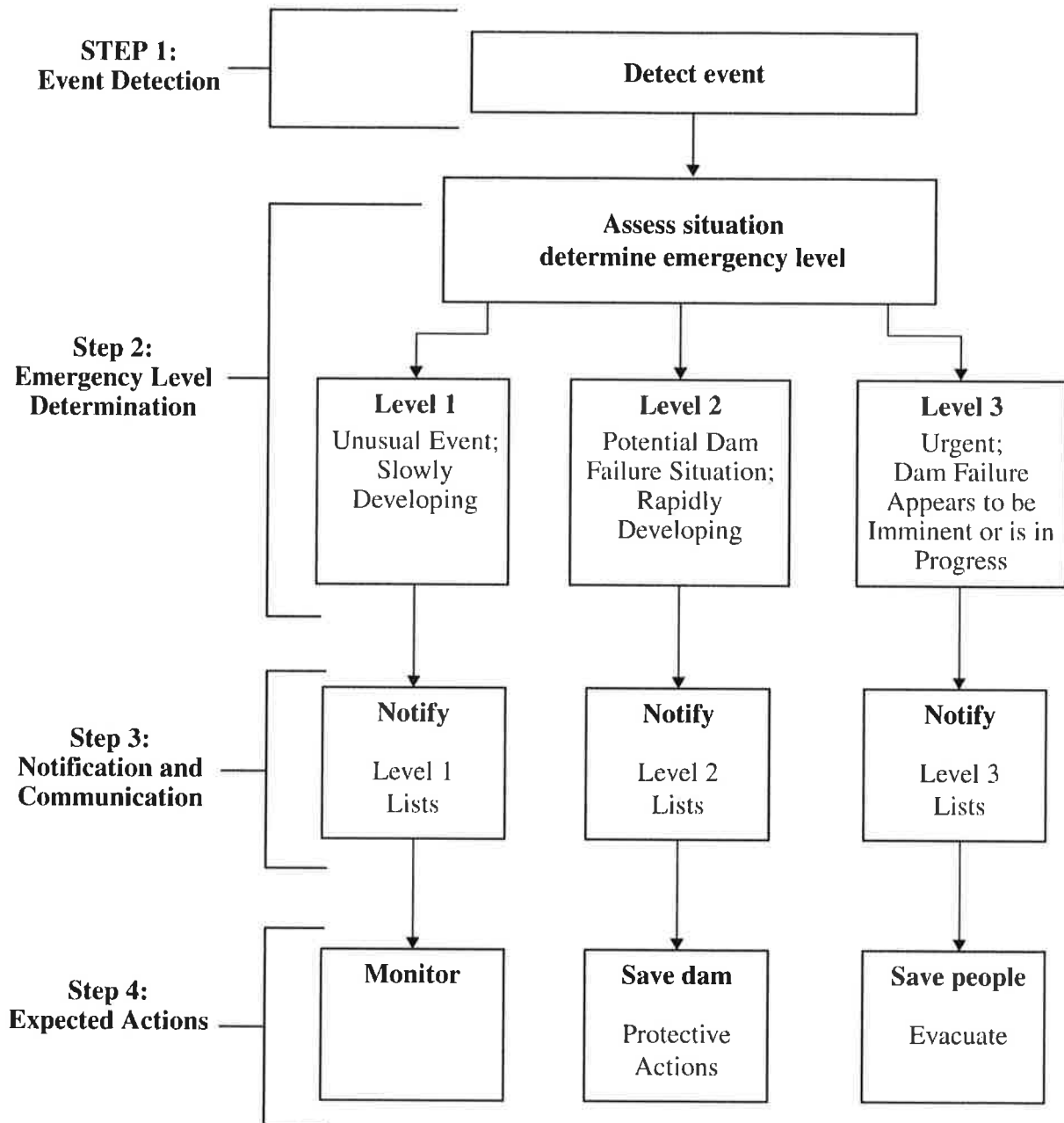
For all Scenarios, the following major roads will be overtopped and are not safe to pass:

- 1) *Amberly Dr*
- 2) *Laurelwood Rd*
- 3) *Tilly Mill Rd*
- 4) *Peachtree Industrial Blvd*
- 5) *East Kings Point Circle*
- 6) *Dunwoody Crossing*
- 7) *Stonington Rd*
- 8) *I-285 northbound lanes at N. Peachtree Road*

If both dams are under emergency, the following additional major roads will be overtopped and are not safe to pass:

- 1) *N. Peachtree Rd exit on I-285*
- 2) *N. Peachtree Rd*
- 3) *Shallowford Rd*
- 4) *Chamblee-Dunwoody Rd*
- 5) *Ashford-Dunwoody Rd*
- 6) *W. Nancy Creek Dr NE*
- 7) *Johnson Ferry Rd NE*

EAP Overview



Roles and Responsibilities

DeKalb Department of Watershed Management (DWM) is responsible for the Dam Operator's Representative and Technical Representative Roles.

(Current staff is located in the County Emergency Operations Plan and the DWM Continuity of Operations Plan located on DeKalbReady.)

Dam Operator's Representative (Scott Candler WFP Treatment Plant Manager)

- As soon as an emergency event is observed or reported, immediately determine the emergency level (see Emergency Levels tab).
 - Level 1: unusual event, slowly developing
 - Level 2: potential dam failure situation, rapidly developing
 - Level 3: dam failure appears imminent or is in progress
- Immediately notify the personnel in the order shown on the notification chart for the appropriate level (see notification charts tab).
- Provide updates of the situation to the DeKalb County 911 Communication Center and DEMA to assist them in making timely and accurate decisions regarding warnings and evacuations.
- Provide leadership to assure the EAP is reviewed and updated annually and copies of the revised EAP are distributed to all who received copies of the original EAP.

Incident Commander/Emergency Management Services (DEMA)

- Serve as the primary contact person responsible for coordination of emergency actions.
- When a Level 1 situation occurs:
 - Provide assistance and guidance as necessary.
- When a Level 2 situation occurs:
 - Initiate the DeKalb Emergency Operations Plan.
 - Prepare emergency services personnel for possible evacuations that may be needed if a Level 3 situation occurs.
 - Alert the public as appropriate.
- When a Level 3 situation occurs:
 - Initiate the DeKalb Emergency Operations Plan and evacuation procedures.
 - Alert the public, initiate warnings, and order evacuation of people at risk downstream of the dam.
 - Notify emergency management personnel to carry out the evacuation of people and close roads within the evacuation area (see *Location and Vicinity Maps* tab).
- Participate in an annual review and update of the EAP in collaboration with DWM.
- Decide when to terminate the EAP in collaboration with Georgia Safe Dams.

Dam Operator's Technical Representative (Scott Candler WFP Treatment Plant Maintenance Manager)

- Advise the dam operator on the emergency level determination, if time permits.
- Contact the on-call Dam Safety Representative, if time permits.
- Advise the dam operator of remedial actions to take if a Level 2 event occurs, if time permits.

State Dam Safety Agency (Georgia Safe Dams)

- Advise the dam operator on the emergency level determination, if time permits.
- Advise the dam operator of remedial actions to take if a Level 2 event occurs, if time permits.
- Decide when to terminate the EAP in collaboration with DEMA.

**** DWM and DEMA will be used throughout this document to define roles and responsibilities. Calling DEMA will allow efficient communications to interested parties and determine if the DeKalb Emergency Operations Plan needs to be activated which ensures proper emergency planning and procedures will occur in the event of a dam emergency.**

The Five-step EAP Process

Step 1 Event Detection

This step describes the detection of an unusual or emergency event and provides information to assist the dam operator in determining the appropriate emergency level for the event.

Unusual or emergency events may be detected by:

- Observations at or near the dam by government personnel (local, state, or Federal), landowners, visitors to the dam, or the public
- Evaluation of instrumentation data
- Earthquakes felt or reported in the vicinity of the dam
- Forewarning of conditions that may cause an unusual event or emergency event at the dam (for example, a severe weather or flash flood forecast)

See *Guidance for Determining the Emergency Level* table for assistance in evaluating specific events to determine if they are unusual or potential emergency situations. DWM is located on site and it is likely an emergency situation will be quickly detected. Otherwise, detection will most likely be made by a resident who is likely to contact the DeKalb County 911 Communication Center. This has been accounted for in the Emergency Notifications flowcharts presented on pages 14-16.

Available Instrumentation

Piezometers in three different applications:

- 1) Crest piezometers are intended to monitor the development of the phreatic surface within the embankment.
- 2) Midslope piezometers are intended to monitor the effectiveness of the internal drainage system at drawing down the phreatic surface.
- 3) Toe piezometers are intended to monitor uplift pressure at the downstream toe of the dam.
- 4) Toe drains and settlement monuments.

Step 2 Emergency Level Determination

After an unusual or emergency event is detected or reported, DWM or their alternate is responsible for classifying the event into one of the following three emergency levels:

Emergency Level 1—Nonemergency, unusual event, slowly developing. This is a NON_EMERGENCY STATE, NO OFFSITE PREPARATION NEEDED.

This situation is not normal but has not yet threatened the operation or structural integrity of the dam, but possibly could if no action is taken to address the issue. The Scott Candler WFP Treatment Plant Manager (Owners Representative) or Maintenance Manager (Technical Representative) followed by Georgia Safe Dams and the On-Call Engineer of Record, as warranted, should be contacted to investigate the situation and recommend actions to take. The condition of the dam should be closely monitored, especially during storm events, to detect any development of a potential or imminent dam failure situation until the condition is returned to normal. Additionally, DEMA should be informed so they are prepared if it is determined the conditions may possibly develop into a worse situation. DEMA will give notice to the appropriate internal parties (e.g. fire and police) well before Level 2 will be activated if the conditions become worse. *Typical Level 1 events include such items as:*

- Repairs needed to gates/valves/structures supporting the dam but not part of the dam
- Small cracks (less than ¼" noted but no seepage or evidence of slump/another movement (e.g. surface))
- Rodent activity on the dam in a localized, high area

Emergency Level 2—Potential dam failure situation, developing. THIS IS A POTENTIAL EMERGENCY STATE, NOTIFICATION INITIATION TO PREPARE FOR EMERGENCY.

This situation *may* eventually lead to dam failure and flash flooding downstream, but there is not an immediate threat of dam failure. The full emergency contact list should be notified of this situation and placed on alert. DWM should stop all influents to the impacted reservoir and start immediate slow drawdown (up to including full drainage if the evaluation indicates warranted), closely monitor the condition of the dam and periodically report the status of the situation to DEMA for distribution. If the dam condition worsens and failure becomes imminent, DEMA must be notified immediately of the change in the emergency level to initiate the EOC and evacuate the people at risk downstream. CODE RED warning should be initiated at this time.

The Scott Candler WFP Maintenance Manager (Technical Representative), On-Call Engineer of Record and Georgia Safe Dams should be contacted to evaluate the situation and recommend remedial actions to prevent failure of the dam. The dam operator should initiate remedial repairs (note local resources that may be available—see Appendix B-1). Time available to employ remedial actions may be hours or days.

This emergency level is also applicable when draining the reservoir and flow through the outlet has or is expected to result in flooding of downstream areas and people near the channel could be endangered. Emergency services should be on alert to initiate evacuations or road closures if the flooding increases.

Emergency Level 3—Urgent; dam failure appears imminent or is in progress: THIS IS AN EMERGENCY.

This is an extremely urgent situation when a dam failure is occurring or is obviously about to occur and cannot be prevented. Flash flooding will occur downstream of the dam. This situation is also applicable when flow through the outlet is causing downstream flooding of people and roads. ChatComm, DeKalb County 911 Communication Center and DEMA should be contacted immediately so emergency services can begin evacuations of all at-risk people and close roads as needed (see *Location and Vicinity Maps Map* tab).

See the following pages for guidance in determining the proper emergency level for various situations.

Guidance for Determining the Emergency Level

Event	Situation	Emergency level*
Rapid Drawdown	Reservoir level is drawn down less than 4 feet in a 24 hour period	1
Seepage	New seepage areas in or near the dam	1
Embankment cracking	New cracks in the embankment greater than ¼-inch wide without seepage	1
Embankment movement	Visual movement/slippage of the embankment slope	1
Instruments	Instrumentation readings beyond predetermined values	1
Earthquake	Measurable earthquake felt or reported on or within 50 miles of the dam	1
Security Threat	Damage to dam or appurtenances with no impacts on the functioning of the dam	1
Sabotage/ vandalism	Damage to dam or appurtenance with no impacts on the functioning of the dam	1
Sabotage/ vandalism	Modification to the dam or appurtenances that could adversely impact the functioning of the dam	1
Rapid Drawdown	Reservoir level is drawn down greater than 4 feet in a 24 hour period	2
Embankment overtopping	Reservoir level is 1 foot below the top of the dam	2
Seepage	New seepage areas with cloudy discharge or increasing flow rate	2
Sinkholes	Observation of new sinkhole in reservoir area or on the embankment	2
Embankment cracking	Cracks in the embankment with seepage	2
Earthquake	Earthquake resulting in visible damage to the dam or appurtenances	2
Security Threat	A verified bomb threat that, if carried out, could result in damage to the dam	2
Sabotage/ vandalism	Damage to dam or appurtenances that has resulted in seepage flow	2
Embankment overtopping	Water from the reservoir is flowing over the top of the dam	3
Seepage	Seepage with discharge greater than 50 gallons per minute	3
Sinkholes	Rapidly enlarging sinkhole	3
Embankment movement	Sudden or rapidly proceeding slides of the embankment slopes	3
Earthquake	Earthquake resulting in the uncontrolled release of water from the dam	3
Earthquake	Earthquake resulting in the uncontrolled release of water from the dam	3
Security Threat	Detonated bomb that has resulted in damage to the dam or appurtenances	3
Sabotage/ vandalism	Damage to dam or appurtenances that has resulted in uncontrolled water release	3

* Emergency Level 1: Nonemergency unusual event, slowly developing

* Emergency Level 2: Potential dam failure situation, rapidly developing

* Emergency Level 3: Urgent; dam failure appears imminent or is in progress

Examples of Emergency Situations

The following are examples of conditions that usually constitute an emergency situation that may occur at a dam. Adverse or unusual conditions that can cause the failure of a dam are typically related to aging or design and construction oversights. Extreme weather events that exceed the originally designed conditions can cause structural instability or overtopping of the embankment. However, accidental or intentional damage to the dam may also result in emergency conditions. The conditions have been grouped to identify the most likely emergency-level condition. The groupings are provided as guidance only. Not all emergency conditions may be listed, and the dam operator is urged to use conservative judgment in determining whether a specific condition should be defined as an emergency situation at the dam.

Embankment Overtopping

Emergency Level 1 – Nonemergency unusual event, slowly developing:

1. The reservoir level is within 1 foot from the top of the dam but no influent is occurring and normal withdrawal is occurring.

Emergency Level 2—Potential dam failure situation; rapidly developing:

1. The reservoir level is within 1 foot from the top of the dam and influent is still occurring or no withdrawal/discharge is occurring.

Emergency Level 3—Urgent; dam failure appears imminent or is in progress:

1. The reservoir level has exceeded the top of the dam, and flow is occurring over the embankment.

Embankment Movement and Cracking

Emergency Level 1 – Nonemergency unusual event, slowly developing:

1. Minor cracking of pavement occurs in hot weather.
2. Minor dip noted in the roadway, developed over months.

Emergency Level 2—Potential dam failure situation; rapidly developing:

1. Settlement of the crest, slopes, abutments and/or foundation of the dam that may eventually result in breaching of the dam.
2. A significant increase in length, width, or offset of cracks in the crest, slopes, abutments, and/or foundation of the dam that may eventually result in breaching of the dam.

Emergency Level 3—Urgent; dam failure appears imminent or is in progress:

1. Sudden or rapidly proceeding slides, settlement, or cracking of the embankment crest, slopes, abutments, and/or foundation, and breaching of the dam appears imminent or is in progress.

Seepage and Sinkholes

Emergency Level 1 – Nonemergency unusual event, slowly developing:

1. Clear seepage noted after heavy rain event from an area observed before. Watched and clears up after rain stops.
2. Internal drain output has an increased but clear discharge after rain event which diminishes and returns to normal rapidly.

Emergency Level 2—Potential dam failure situation; rapidly developing:

1. Cloudy seepage or soil deposits are observed at seepage exit points or from internal drain outlet pipes.
2. New or increased areas of wet or muddy soils are present on the downstream slope, abutment, and/or foundation of the dam, and there is an easily detectable and unusual increase in the volume of downstream seepage.
3. Significant new or enlarging sinkhole(s) near the dam or settlement of the dam is observed.
4. Reservoir level is falling without apparent cause.
5. The following known dam defects are or will soon be inundated by a rise in the reservoir:
 - Sinkhole(s) located on the upstream slope, crest, abutment, and/or foundation of the dam; or
 - Transverse cracks extending through the dam, abutments, or foundation.

Emergency Level 3—Urgent; dam failure appears imminent or is in progress:

1. Rapidly increasing cloudy seepage or soil deposits at seepage exit points to the extent that failure appears imminent or is in progress.
2. Rapid increase in the volume of downstream seepage to the extent that failure appears imminent or is in progress.
3. Water flowing out of holes in the downstream slope, abutment, and/or foundation of the dam to the extent that failure appears imminent or is in progress.
4. Whirlpools or other evidence exists indicating that the reservoir is draining rapidly through the dam or foundation.
5. Rapidly enlarging sinkhole(s) are forming on the dam or abutments to the extent that failure appears imminent or is in progress.
6. Rapidly increasing flow through the crack(s) eroding materials to the extent that failure appears imminent or is in progress.

Step 3 Notification and Communication

Notification

After the emergency level has been determined, the people on the following notification charts for the appropriate emergency level shall be notified immediately.

Communication

Emergency Level 1—Nonemergency, unusual event; slowly developing:

Scott Candler WFP leadership will coordinate with DEMA, on-call Engineer of Record and Georgia Safe Dams, as necessary. As needed, the leadership will describe the situation and request technical assistance on the next steps to take. There is no activation of the emergency notification list for this level.

Emergency Level 2—Emergency event, potential dam failure situation; rapidly developing:

The following message may be used to help describe the emergency situation to DWM, ChatComm, the DeKalb County 911 Communication Center, or DEMA personnel:

Use the message below for the following scenarios ONLY:

Scenario	Scott Candler Reservoir Dam #1	Scott Candler Reservoir Dam #2
A	Emergency State	Not Impacted - OK
B	Not Impacted - OK	Emergency State

“This is (State your name and position).

We have an emergency condition at the Scott Candler Reservoir Dam #1 [OR Scott Candler Reservoir Dam #2] located at 4830 Winters Chapel Road.

We have activated the Emergency Action Plan for this dam and are currently under Emergency Level 2 – Potential Event, with the potential for dam failure.

We are implementing predetermined actions to respond to a rapidly developing situation that could result in dam failure.

In an abundance of caution, please prepare to evacuate the area along Nancy Creek downstream of the dam to I-285 including Peachtree Industrial Blvd at Tilly Mill.

Reference the inundation map in your copy of the Emergency Action Plan which is also posted on DeKalbReady.

We will advise you when the situation is resolved or if the situation gets worse.

I can be contacted at the following number (XXX)-XXX-XXXX. If you cannot reach me, please call the following alternative number (XXX)-XXX-XXXX.”

This information is variable and is dependent on the person reporting the event.

Emergency Level 2—Emergency event, potential dam failure situation; rapidly developing:

The following message may be used to help describe the emergency situation to the ChatComm, DeKalb County 911 Communication Center, DWM, or DEMA personnel:

Use the message below for the following scenario ONLY:

Scenario	Scott Candler Reservoir Dam #1	Scott Candler Reservoir Dam #2
C	Emergency State	Emergency State

"This is (State your name and position).

*We have an emergency condition at **BOTH** of the Scott Candler Reservoir Dams #1 & #2 located at 4830 Winters Chapel Road.*

We have activated the Emergency Action Plan for this dam and are currently under Emergency Level 2 – Potential Event.

We are implementing predetermined actions to respond to a rapidly developing situation that could result in dam failure.

Please prepare to evacuate the area along Nancy Creek downstream of the dam to Mill Creek Road NE including Peachtree Industrial Blvd at Tilly Mill and I-285 at N. Peachtree Road.

Reference the inundation map in your copy of the Emergency Action Plan.

We will advise you when the situation is resolved or if the situation gets worse.

I can be contacted at the following number (XXX)-XXX-XXXX. If you cannot reach me, please call the following alternative number (XXX)-XXX-XXXX."

This information is variable and is dependent on the person reporting the event.

Emergency Level 3—Urgent event; dam failure appears imminent or is in progress:

The DEMA, ChatComm, and DeKalb County 911 Communication Center should be contacted immediately and the area evacuated (see *Location and Vicinity Maps* tab). The following actions should be taken:

1. Call the DeKalb County 911 Communication Center. Be sure to say, “This is an emergency.” They will notify emergency services who will begin the evacuation. The following message may be used to help describe the emergency situation to the DeKalb County 911 Communication Center or DEMA personnel:

Use the message below for the following scenarios ONLY:

Scenario	Scott Candler Reservoir Dam #1	Scott Candler Reservoir Dam #2
A	Emergency State	Not Impacted - OK
B	Not Impacted - OK	Emergency State

“This is (State your name and position).”

Scott Candler Reservoir Dam #1 [OR Scott Candler Reservoir Dam #2] located at 4830 Winters Chapel Road (Dunwoody) is failing. The downstream area must be evacuated immediately. Repeat, Scott Candler Reservoir Dam #1 [OR Scott Candler Reservoir Dam #2] is failing; evacuate along Nancy Creek to I-285 including Peachtree Industrial Blvd at Tilly Mill.

We have activated the Emergency Action Plan for this dam and are currently under Emergency Level 3 – Urgent Event. Reference the inundation map in your copy of the Emergency Action Plan.

I can be contacted at the following number (XXX)-XXX-XXXX. If you cannot reach me, please call the following alternative number (XXX)-XXX-XXXX.”

Use the message below for the following scenario ONLY:

Scenario	Scott Candler Reservoir Dam #1	Scott Candler Reservoir Dam #2
C	Emergency State	Emergency State

“This is (State your name and position).”

Both of the Scott Candler Reservoir Dams #1 & #2 located at 4830 Winters Chapel Road (Dunwoody) are failing. The downstream area must be evacuated immediately. Repeat, both of the Scott Candler Reservoir Dams #1 & #2 are failing; evacuate along Nancy Creek to Mill Creek Road NE including Peachtree Industrial Blvd at Tilly Mill and I-285 at N. Peachtree Road.

We have activated the Emergency Action Plan for this dam and are currently under Emergency Level 3 – Urgent Event. Reference the inundation map in your copy of the Emergency Action Plan.

I can be contacted at the following number (XXX)-XXX-XXXX. If you cannot reach me, please call the following alternative number (XXX)-XXX-XXXX.”

2. Do whatever is necessary to bring people in immediate danger (anyone on the dam, downstream from the dam, boating on the lake, or evacuees) to safety if directed by DEMA.

3. Keep in frequent contact with the DEMA to keep them up-to-date on the condition of the dam. They will tell you how you can help handle the emergency.
4. If all means of communication are lost: (1) try to find out why, (2) try to get to another radio or telephone that works, or (3) get someone else to try to re-establish communications. If these means fail, handle the immediate problems as well as you can, and periodically try to re-establish contact with the DeKalb County 911 Communication Center and DEMA.

The following pre-scripted message may be used as a guide for the DEMA personnel to communicate the status of the emergency with the public:

Use the message below for the following scenarios ONLY:

Scenario	Scott Candler Reservoir Dam #1	Scott Candler Reservoir Dam #2
A	Emergency State	Not Impacted - OK
B	Not Impacted - OK	Emergency State

Attention: This is an emergency message from the DeKalb County Office of Emergency Management. Listen carefully. Your life may depend on immediate action.

One of the Scott Candler Reservoir Dams #1 & #2 located at 4830 Winters Chapel Road (Dunwoody), is failing. Repeat. One of the Scott Candler Reservoir Dams #1 & #2, is failing.

If you are in or near this area, proceed immediately to high ground away from the valley. Do not travel on Amberly Drive, Laurelwood Road, Tilly Mill Road, Peachtree Industrial Blvd, East Kings Point Circle, Stonington Road or any nearby roads to Nancy Creek or return to your home to recover your possessions. You cannot outrun or drive away from the flood wave. Proceed immediately to high ground away from the valley.

Repeat message.

Use the message below for the following scenario ONLY:

Scenario	Scott Candler Reservoir Dam #1	Scott Candler Reservoir Dam #2
C	Emergency State	Emergency State

Attention: This is an emergency message from the DeKalb County Office of Emergency Management. Listen carefully. Your life may depend on immediate action.

Both of the Scott Candler Reservoir Dams #1 & #2 located at 4830 Winters Chapel Road, are failing. Repeat. Both of the Scott Candler Reservoir Dams #1 & #2, are failing.

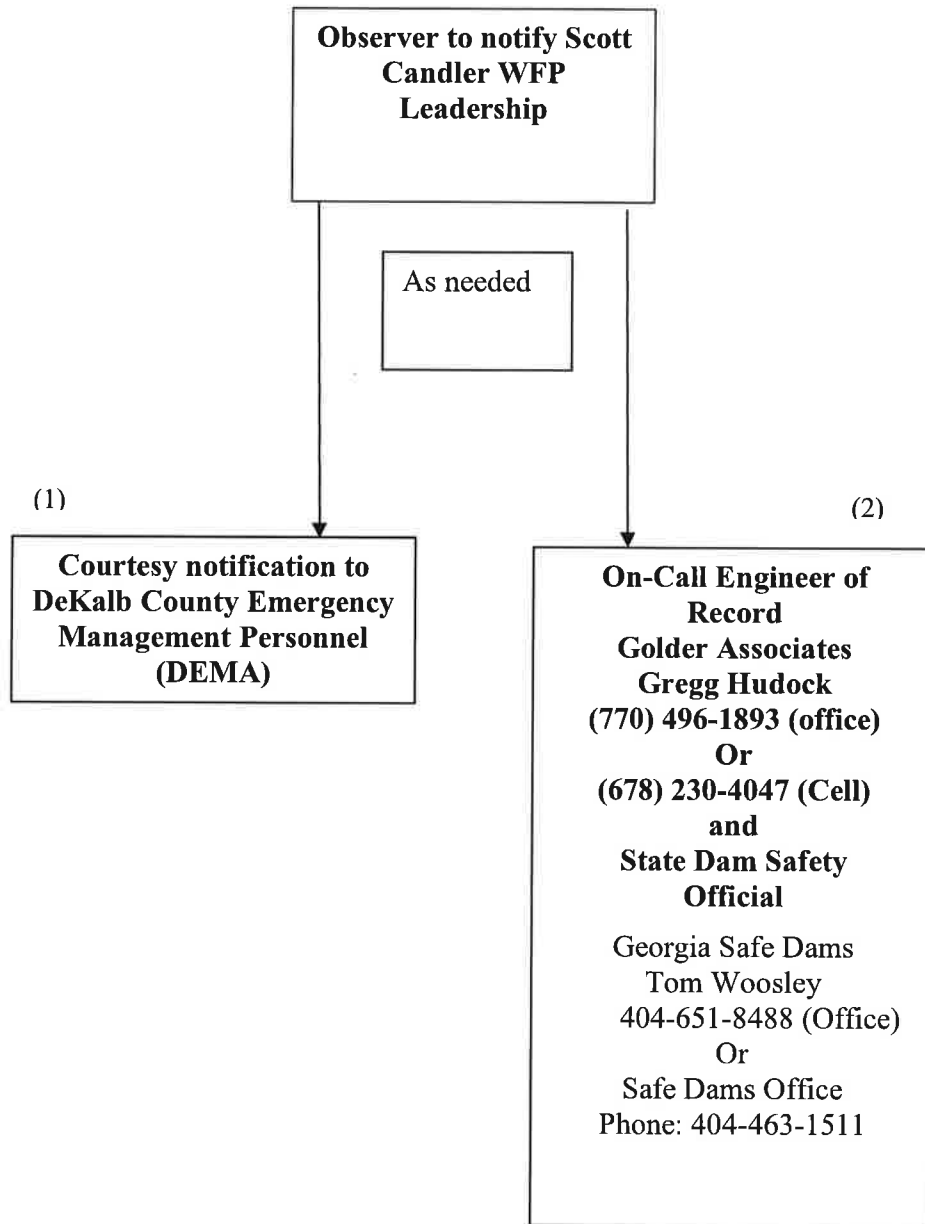
If you are in or near this area, proceed immediately to high ground away from the valley. Do not travel on Amberly Drive, Laurelwood Road, Tilly Mill Road, Peachtree Industrial Blvd, East Kings Point Circle, Stonington Road, North Peachtree Road exit on I-285, North Peachtree Road, Shallowford Road, Chamblee-Dunwoody Road, Ashford-Dunwoody Road, West Nancy Creek Diver NE, Johnson Ferry Rd NE or any nearby roads to Nancy Creek or return to your home to recover your possessions. You cannot outrun or drive away from the flood wave. Proceed immediately to high ground away from the valley.

Repeat message.

This information is variable and is dependent on the person reporting the event.

Emergency Level 1 Notifications

**Nonemergency
unusual event; slowly developing**



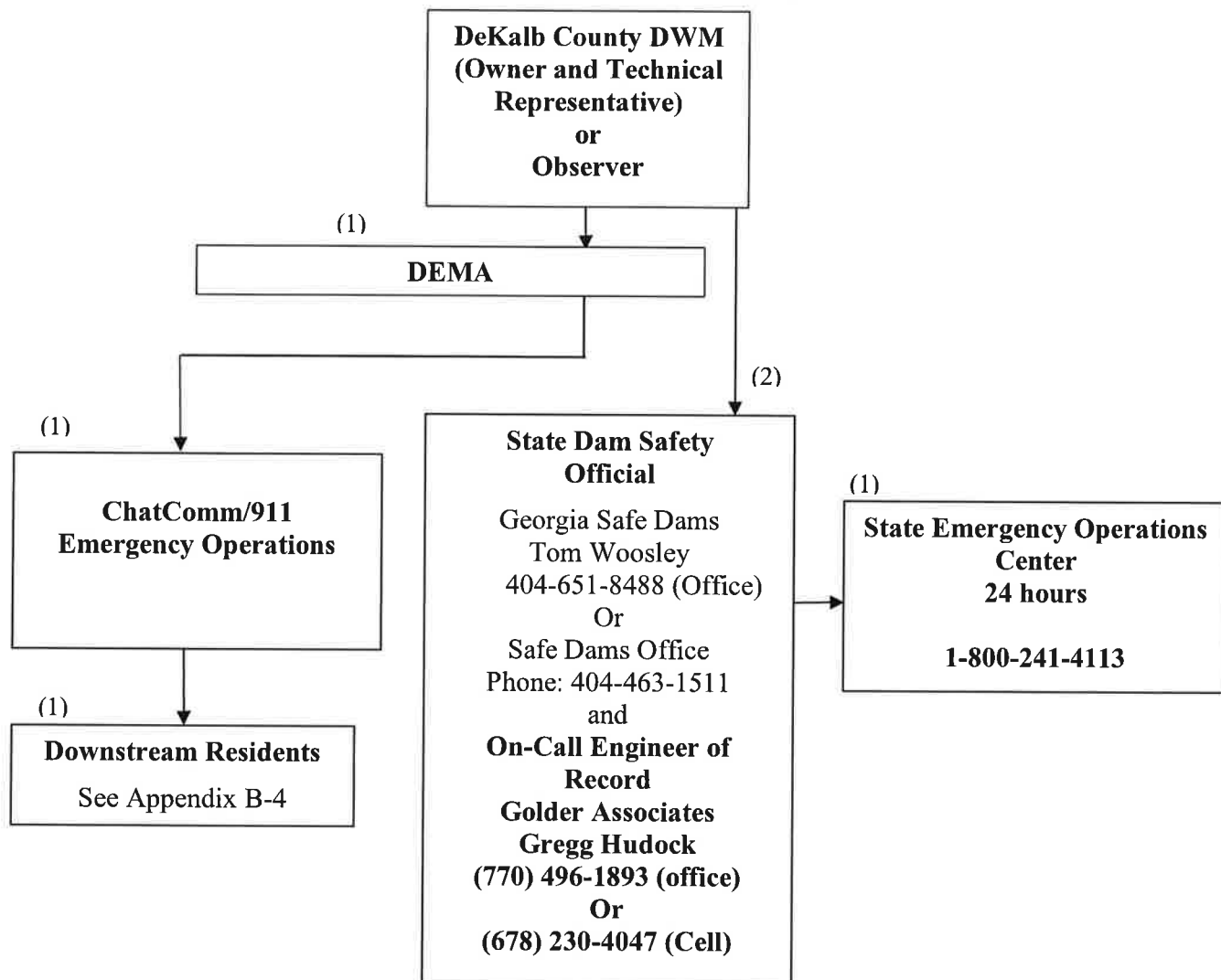
Note:
1, 2, etc., denotes call sequence

Legend:
Calls by operator _____
Second level calls - - - - -

See *Emer. Services Contacts* tab for contact information for back-ups to the persons shown above and other emergency personnel.

Emergency Level 2 Notifications

Emergency event, potential dam failure situation; rapidly developing



Note:
1, 2, etc., denotes call sequence

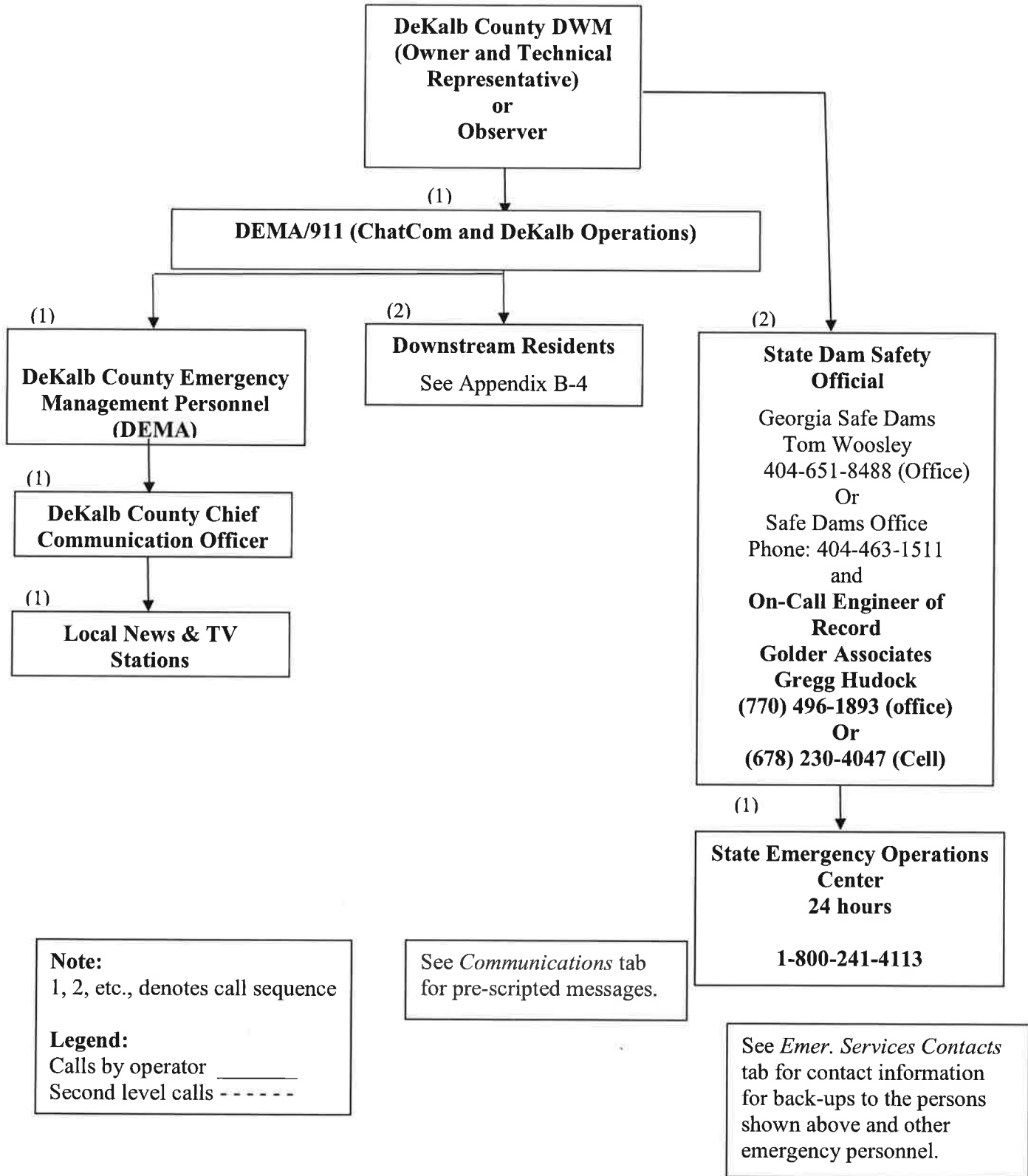
Legend:
Calls by operator _____
Second level calls - - - - -

See *Communications* tab for pre-scripted messages.

See *Emer. Services Contacts* tab for contact information for back-ups to the persons shown above and other emergency personnel.

Emergency Level 3 Notifications

Urgent event, dam failure appears imminent or is in progress



Note:
1, 2, etc., denotes call sequence

Legend:
Calls by operator _____
Second level calls - - - - -

See *Communications* tab for pre-scripted messages.

See *Emer. Services Contacts* tab for contact information for back-ups to the persons shown above and other emergency personnel.

Emergency Services Contacts

FOR MOST CURRENT LISTING SEE www.DeKalbReady.com – Emergency Operations Plan

Agency / Organization	Principal contact	Address	Office Telephone Number	Alternate Telephone Number
DeKalb County Department Watershed Management (DWM)	Reginald D. Wells Director	1580 Roadhaven Drive Stone Mountain, GA 30083	770-621-7208	678-410-6013
Scott Candler WFP	Sandy A. Smith Treatment Plant Manager	4830 Winters Chapel Road Dunwoody, GA 30360	770-391-6040	404-597-8052
	Jeff T. Winters Maintenance Manager		770-391-6061	678-758-5056
DeKalb County Emergency Management Agency (DEMA)	Chief S. V. Loeffler Director	1950 W. Exchange Place Tucker, GA 30084	770-270-0413	404-964-2677
	Lt Duane Ward		770-270-0413	404-502-4459
GA DNR Safe Dams Program	Tom Woosley Program Manager	2 MLK Jr. Drive, Suite 1362 Atlanta, GA 30334	404-651-8488	404-463-1511
Golder Associates 0 Engineer of Record	Gregg Hudock Engineer of Record	3730 Chamblee Tucker Road Atlanta, GA 30341	770-496-1893	678-230-4047
DeKalb County Police	Police Chief Joseph "Jack" Lumpkin	1960 W. Exchange Place Tucker, GA 30084	770-724-7670	
DeKalb County Fire Rescue	Darnell Fullum Fire Chief	1950 W. Exchange Place Tucker, GA 30084	678-406-7731	
DeKalb County 911 Communications Center	Marshall Mooneyham Director	1960 W. Exchange Place Tucker, GA 30084	678-406-7929	
Chat Comm (911 Call Center)	Stephen Pierce Director of Operations	859 Mount Vernon Highway, NE Suite 400 Sandy Springs, GA 30328	404-843-6609	706-974-5411
GA Emergency Management	Sheri Russo Area Two Coordinator	P.O. Box 18055 Atlanta, Georgia 30316-0055	1-800-TRYGEMA (1-800-879-4362)	
GA Environmental Protection Division	Jerry R. Campbell Emergency Response Manager	P.O. Box 3250 16 Center Road Cartersville, GA 30121	770-387-4900	800-241-4113
GA Department of Transportation	District 7, Area 1 Offices	5025 New Peachtree Road Chamblee, GA 30341	770-216-3920	
WSB-TV (ABC - Channel 2)		1601 West Peachtree St. NE Atlanta, GA 30309	404-897-7000	
WGCL-TV (CBS – Channel 46)		425 14 th Street NW Atlanta, GA 30318	404-327-3200	
FOX 5 - TV (FOX – Channel 5)		1551 Briarcliff Road NE Atlanta, GA 30306	404-898-0100	
WXIA-TV (NBC – Channel 11)		One Monroe Place NE Atlanta, GA 30324	404-892-1611	
News 95.5/AM 750 WSB		1601 West Peachtree Street NE Atlanta, GA 30309	404-897-7500	

Step 4 Expected Actions

If the DeKalb County 911 Communication Center, ChatComm or DEMA receives a call regarding observations of an unusual or emergency event at the dam, they should immediately contact DWM. After DWM determines the emergency level, the following actions should be taken. If time permits, the Scott Candler WFP Maintenance Manager (Technical Representative) and Georgia Safe Dams should be contacted for technical consultation.

Emergency Level 1—Nonemergency, unusual event; slowly developing:

- A. The Scott Candler WFP Maintenance Manager (Technical Representative) should inspect the dam. At a minimum, inspect the full length of the upstream slope, crest, downstream toe, and downstream slope. Also, check the reservoir pool level, abutments, and downstream channel for signs of changing conditions. **If increased seepage, erosion, cracking, or settlement are observed, immediately report the observed conditions to the DEMA and Georgia Safe Dams; refer to the emergency level table for guidance in determining the appropriate event level for the new condition and recommended actions.**
- B. Record all contacts that were made on the Contact Checklist (Appendix A-1). Record all information, observations, and actions taken on the Event Log Form (Appendix A-2). Note the time of changing conditions. Document the situation with photographs and video, if possible.
- C. DWM should contact Georgia Safe Dams and request technical staff to investigate the situation and recommend corrective actions.

Emergency Level 2—Potential dam failure situation; rapidly developing:

- A. DWM should contact the DEMA, ChatComm, and DeKalb County 911 Communication Center to initiate the DeKalb Emergency Operations Plan and notify them of the issue.
- B. DWM should contact the on-call Engineer of Record and Georgia Safe Dams to report the situation and, if time permits, request technical staff to investigate the situation and recommend corrective actions.
- C. DWM should contact DEMA to inform them that the EAP has been activated and if current conditions get worse, an emergency situation may require evacuation. Preparations should be made for possible road closures and evacuations.
- D. Provide updates to the Emergency Operations Center (EOC)/DEMA to assist them in making timely decisions concerning the need for warnings, road closures, and evacuations.
- E. If time permits, the Scott Candler WFP Maintenance Manager (Technical Representative) should inspect the dam. At a minimum, inspect the full length of the upstream slope, crest, downstream toe, and downstream slope. Also, check the reservoir pool level, abutments, and downstream channel for signs of changing conditions. **If piping, increased seepage, erosion, cracking, or settlement are observed, immediately report the observed conditions to Georgia Safe Dams; refer to the emergency level table for guidance in determining the appropriate event level for the new condition and recommended actions.**
- F. Record all contacts that were made on the *Contact Checklist* (Appendix A-1). Record all information, observations, and actions taken on the *Event Log Form* (Appendix A-2). Note the time of changing conditions. Document the situation with photographs and video, if possible.
- G. If time permits, the following emergency remedial actions should be taken as appropriate.

Emergency Level 2—Potential dam failure situation; rapidly developing—continued:***Emergency remedial actions***

If time permits, the following emergency remedial actions should be considered for Emergency Level 2 conditions. Immediate implementation of these remedial actions may delay, moderate, or prevent the failure of the dam. Several of the listed adverse or unusual conditions may be apparent at the dam at the same time, requiring implementation of several modes of remedial actions. Close monitoring of the dam must be maintained to confirm the success of any remedial action taken at the dam. Time permitting, any remedial action should be developed through consultation with Georgia Safe Dams. See *Resources Available* (Appendix B–1) for sources of equipment and materials to assist with remedial actions.

Embankment overtopping

1. If the water level in the reservoir is no longer rising, place sandbags along the low areas of the top of the dam to control wave action, reduce the likelihood of flow concentration during minor overtopping, and to safely direct more water through the outlet.
2. Cover the weak areas of the top of the dam and downstream slope with riprap, sandbags, plastic sheets, or other materials to provide erosion-resistant protection.

Seepage and sinkholes

1. Open the principal outlet to lower the reservoir level as rapidly as possible to a level that stops or decreases the seepage to a non-erosive velocity. If the valve is damaged or blocked, pumping or siphoning may be required.

Continue lowering the water level until the seepage stops.

2. If the entrance to the seepage origination point is observed in the reservoir (possible whirlpool) and is accessible, attempt to reduce the flow by plugging the entrance with readily available materials such as hay bales, bentonite, soil or rockfill, or plastic sheeting.
3. Cover the seepage exit area(s) with several feet of sand/gravel to hold fine-grained embankment or foundation materials in place. Alternatively, construct sandbag or other types of ring dikes around seepage exit areas to retain a pool of water, providing backpressure and reducing the erosive nature of the seepage.
4. Prevent vehicles and equipment from driving between the seepage exit points and the embankment to avoid potential loss from the collapse of an underground void.

Embankment movement

1. Open outlet(s) and lower the reservoir to a safe level at a rate commensurate with the urgency and severity of the condition of the slide or slump. If the gate is damaged or blocked, pumping or siphoning may be required.
2. Repair settlement of the crest by placing sandbags or earth and rockfill materials in the damaged area to restore freeboard.
3. Stabilize slides by placing a soil or rockfill buttress against the toe of the slide.

Earthquake

1. Immediately conduct a general overall visual inspection of the dam.
2. Perform a field survey to determine if there has been any settlement and movement of the dam embankment, equipment, and low-level outlet works.
3. Drain the reservoir, if required.

Emergency Level 3—Urgent; dam failure appears imminent or is in progress:

- A. DWM shall immediately contact the ChatComm, DeKalb County 911 Communication Center, DEMA, and others shown on the notification chart.
- B. DEMA shall lead the efforts to carry out warnings, close roads, and evacuate people at risk downstream from the dam (see *Location and Vicinity Maps* tab).
- C. DEMA shall alert the public and immediately evacuate at-risk people and close roads as necessary.
- D. DWM shall maintain continuous communication and provide the DeKalb County 911 Communication Center and DEMA with updates of the situation to assist him/her in making timely decisions concerning warnings and evacuations.
- E. DWM should record all contacts that were made on the *Contact Checklist* (Appendix A-1). Record all information, observations, and actions taken on the *Event Log Form* (Appendix A-2). Note the time of changing conditions. Document the situation with photographs and video, if possible.
- F. Advise people monitoring the dam to follow safe procedures. Everyone should stay away from any of the failing structures or slopes and out of the potential breach inundation areas.

Step 5 Termination

Whenever the EAP has been activated, an emergency level has been declared, all EAP actions have been completed, and the emergency is over, the EAP operations must eventually be terminated and follow-up procedures completed.

Termination responsibilities

DEMA, after consulting with DWM, Georgia Safe Dams, GEMA, Fire Rescue and Police (Unified Command), is responsible for terminating the EAP. It is then the responsibility of each person to notify the same group of contacts that were notified during the original event notification process to inform those people that the event has been terminated.

Prior to termination of an Emergency Level 3 event that has not caused actual dam failure, the DWM (Technical Representative) or the Georgia Dam Safety Officer will inspect the dam or require the inspection of the dam to determine whether any damage has occurred that could potentially result in loss of life, injury, or property damage. If it is determined that conditions do not pose a threat to people or property, DEMA, after consulting with DWM, Georgia Safe Dams, GEMA, Fire Rescue and Police (Unified Command), will be advised to terminate EAP operations as described above.

DWM shall assure that the *Dam Safety Emergency Situation Report* (Appendix A-3) is completed to document the emergency event and all actions that were taken. DWM shall distribute copies of the completed report to DEMA and Georgia Safe Dams.

Maintenance—EAP Review and Revision

EAP annual review

DWM will review and, if needed, update the EAP at least once each year. The EAP annual review will include the following:

- Calling all contacts on the three notification charts in the EAP to verify that the phone numbers and persons in the specified positions are current. The EAP will be revised if any of the contacts have changed.
- Contacting DEMA to verify the phone numbers and persons in the specified positions. In addition, DWM will ask if the person contacted knows where the EAP is kept and if the responsibilities described in the EAP are still applicable.
- Calling the locally available resources to verify that the phone numbers, addresses, and services are current.
- Updates will be distributed to all involved.

Revisions

DWM is responsible for updating the EAP document. The EAP document held by the DEMA is the master document. When revisions occur, DWM will provide the revised pages and a revised revision summary page to all the EAP document holders. The document holders are responsible for revising outdated copy of the respective document(s) whenever revisions are received. Outdated pages shall be immediately discarded to avoid any confusion with the revisions.

EAP periodic test

DWM will host and facilitate a periodic test of the EAP at least once every 3 to 4 years.

The periodic test will consist of a meeting, including a tabletop exercise, conducted at a location to be determined in collaboration with DEMA. Attendance should include DWM, DEMA, key DeKalb County personnel, at least one representative of the DeKalb County 911 Communication Center, DeKalb County Fire Rescue and Police Departments, and others with key responsibilities listed in the EAP. At the discretion of DEMA, other organizations that may be involved with an unusual or emergency event at the dam are encouraged to participate. Prior to the tabletop exercise, there must be a planning meeting(s) with reference to the tabletop exercise. Meeting participants will visit the dam during the periodic test to familiarize themselves with the dam site.

The tabletop exercise will begin with the facilitator presenting a scenario of an unusual or emergency event at the dam. The scenario will be developed prior to the exercise. Once the scenario has been presented, the participants will discuss the responses and actions that they would take to address and resolve the scenario. The narrator will control the discussion, ensuring realistic responses and developing the scenario throughout the exercise. DWM should complete an event log as they would during an actual event.

After the tabletop exercise, the five sections of the EAP will be reviewed and discussed. Mutual aid agreements and other emergency procedures can be discussed. DWM will prepare a written summary of the periodic test, revised EAP if necessary, and After Action Plan. A copy of the summary, the revised EAP, and After Action Plan shall be reviewed with those involved in the exercise to determine a course of action to correct any abnormalities in the plan. This document shall be distributed to all involved.

Record of Holders of Control Copies of this EAP

Copy Number	Organization	Person receiving copy
1	DWM Document Library 1580 Roadhaven Drive Stone Mountain, GA 30083	Patricia Moore
2	Maintenance Manager Scott Candler WFP 4830 Winters Chapel Road Dunwoody, GA 30360	Jeff T. Winters
3	Director, DeKalb DWM 1580 Roadhaven Drive Stone Mountain, GA 30083	Reginald D. Wells
4	DeKalb County Emergency Management 1950 W. Exchange Place Tucker, GA 30084	Susan Loeffler
5	GA Safe Dams Program 2 MLK Jr. Drive Suite 1362 Atlanta, GA 30334	Tom Woosley
6	DeKalb County Police Department 1960 W. Exchange Place Tucker, GA 30084	Joseph "Jack" Lumpkin
7	DeKalb County Fire Department 1950 W. Exchange Place Tucker, GA 30084	Darnell Fullum

Record of Revisions and Updates Made to EAP

Revision Number	Date	Revisions made	By whom
0	07/15/2016	Creation and distribution of EAP document	Eric Zgonina, P.E.
1	08/1/2018	Updates in general and based on Tabletop Lessons Learned	Sandra L. Glenn
2	10/1/19	EAP updates as per EPD comments dated 8/20/19	Brent Zern

Appendices—Forms, Glossary, Maps, and Supporting Data

Appendix A

- A-1 Contact Checklist
- A-2 Unusual or Emergency Event Log Form
- A-3 Dam Emergency Situation Report Form
- A-4 Glossary of Terms

Appendix B

- B-1 Resources Available
- B-2 Location and Vicinity Maps
- B-3 Plan View of Dam
- B-4 Residents/Businesses/Highways at Risk
- B-5 National Inventory of Dams (NID) Data

Appendix A

Appendix A-1

Contact Checklist

Scott Candler Reservoir Dams #1 & #2

DeKalb County, Georgia

Date _____

The following contacts should be made immediately after the emergency level is determined (see pages 6–9 for guidance to determine the appropriate emergency level for a specific situation). The person making the contacts should initial and record the time of the call and who was notified for each contact made. See the *Notification Charts* tab for critical contact information and *Emer. Services Contacts* tab for contact information for other possible emergency services.

Emergency Level 1 (see page 14)	Person Contacted	Time Contacted	Contacted by
<input type="checkbox"/> DWM	_____	_____	_____
<input type="checkbox"/> DEMA	_____	_____	_____
<input type="checkbox"/> GA Safe Dams	_____	_____	_____

Emergency Level 2 (see page 15)	Person Contacted	Time Contacted	Contacted by
<input type="checkbox"/> DWM	_____	_____	_____
<input type="checkbox"/> DeKalb Co. 911 Comm. Center	_____	_____	_____
<input type="checkbox"/> ChatComm	_____	_____	_____
<input type="checkbox"/> DEMA	_____	_____	_____
<input type="checkbox"/> GA Safe Dams	_____	_____	_____
<input type="checkbox"/> DeKalb County Public Safety	_____	_____	_____

Emergency Level 3 (see page 16)	Person Contacted	Time Contacted	Contacted by
<input type="checkbox"/> DWM	_____	_____	_____
<input type="checkbox"/> DeKalb Co. 911 Comm. Center	_____	_____	_____
<input type="checkbox"/> ChatComm	_____	_____	_____
<input type="checkbox"/> DEMA	_____	_____	_____

<input type="checkbox"/> GA Safe Dams	_____	_____	_____
<input type="checkbox"/> DeKalb County Public Safety	_____	_____	_____

Appendix A-2

Unusual or Emergency Event Log Form

Circle the affected dam.

(to be completed following the termination of the emergency)

Dam name: Scott Candler Reservoir Dams #1 & #2

County: DeKalb County

When and how was the event detected? _____

Weather conditions: _____

General description of the emergency situation: _____

Emergency level determination: _____ Made by: _____

Actions and Event Progression

Date	Time	Action/event progression	Taken by

Report prepared by: _____ Date: _____

Appendix A-3

Dam Emergency Situation Report Form

Circle the affected dam.

(to be completed following the termination of the emergency)

Dam name: Scott Candler Reservoir Dams #1 & #2

National Inventory of Dams (NID) No.: GA01311 & GA00227

Dam location: Dunwoody DeKalb County Nancy Creek
(City) (County) (Stream/River)

Date: _____ Time: _____

Weather conditions: _____

General description of emergency situation:

Area(s) of dam affected:

Extent of dam damage: _____

Possible cause(s): _____

Effect on dam's operation: _____

Initial reservoir elevation: _____ Time: _____

Maximum reservoir elevation: _____ Time: _____

Final reservoir elevation: _____ Time: _____

Description of area flooded downstream/damages/injuries/loss of life: _____

Other data and comments:

Observer's name and telephone number: _____

Report prepared by: _____ Date: _____

Appendix A–4

Glossary of Terms

Abutment	That part of the valley side against which the dam is constructed. The left and right abutments of dams are defined with the observer looking downstream from the dam.
Acre-foot	A unit of volumetric measure that would cover 1 acre to a depth of 1 foot. One acre-foot is equal to 43,560 cubic feet or 325,850 gallons.
Berm	A nearly horizontal step (bench) in the upstream or downstream sloping face of the dam.
Boil	A disruption of the soil surface due to water discharging from below the surface. Eroded soil may be deposited in the form of a ring (miniature volcano) around the disruption.
Breach	An opening through the dam that allows draining of the reservoir. A controlled breach is an intentionally constructed opening. An uncontrolled breach is an unintended failure of the dam.
Conduit	A closed channel (round pipe or rectangular box) that conveys water through, around, or under the dam.
Control section	A usually level segment in the profile of an open channel spillway above which water in the reservoir discharges through the spillway.
Cross section	A slice through the dam showing elevation vertically and direction of natural water flow horizontally from left to right. Also, a slice through a spillway showing elevation vertically and left and right sides of the spillway looking downstream.
Dam	An artificial barrier generally constructed across a watercourse for the purpose of impounding or diverting water.
Dam failure	The uncontrolled release of a dam's impounded water.
Dam Operator	The person(s) or unit(s) of government with responsibility for the operation and maintenance of the dam.
Drain, toe or foundation, or blanket	A water collection system of sand and gravel and typically pipes along or the downstream portion of the dam to collect seepage and convey it to a safe outlet.
Drainage area (watershed)	The geographic area on which rainfall flows into the dam.
Drawdown	The lowering or releasing of the water level in a reservoir over time or the volume lowered or released over a particular period of time.
Emergency	A condition that develops unexpectedly, endangers the structural integrity of the dam and/or downstream human life and property, and requires immediate action.

Emergency Action Plan (EAP)	A formal document identifying potential emergency conditions that may occur at the dam and specifies preplanned actions to minimize potential failure of the dam or minimize failure consequences including loss of life, property damage, and environmental impacts.
Evacuation map	A map showing the geographic area downstream of a dam that should be evacuated if it is threatened to be flooded by a breach of the dam or other large discharge.
Filter	The layers of sand and gravel in a drain that allow seepage through an embankment to discharge into the drain without eroding the embankment soil.
Freeboard	Vertical distance between a stated water level in the reservoir and the top of dam.
Gate, slide or sluice, or regulating	An operable, watertight valve to manage the discharge of water from the dam.
Groin	The area along the intersection of the face of a dam and the abutment.
Hazard classification	A system that categorizes dams (high, significant, or low) according to the degree of their potential to create adverse incremental consequences such as loss of life, property damage, or environmental impacts of a failure or disoperation of a dam.
Height, dam	The vertical distance between the lowest point along the top of the dam and the lowest point at the downstream toe, which usually occurs in the bed of the outlet channel.
Hydrograph, inflow or outflow, or breach	A graphical representation of either the flow rate or flow depth at a specific outflow, or breach point above or below the dam over time for a specific flood occurrence.
Incident Commander	The highest predetermined official available at the scene of an emergency situation.
Instrumentation	An arrangement of devices installed into or near dams that provide measurements to evaluate the structural behavior and other performance parameters of the dam and appurtenant structures.
Inundation area or map	The geographic area downstream of the dam that would be flooded by a breach of the dam or other large discharge.
Notification	To immediately inform appropriate individuals, organizations, or agencies about a potential emergency situation so they can initiate appropriate actions.
Outlet works (principal spillway)	An appurtenant structure that provides for controlled passage of normal water flows through the dam.
Piping	The progressive destruction of an embankment or embankment foundation by internal erosion of the soil by seepage flows.
Probable Maximum	Precipitation (PMP) or

Flood (PMF)	The theoretically greatest precipitation or resulting flood that is meteorologically feasible for a given duration over a specific drainage area at a particular geographical location.
Reservoir	The body of water impounded or potentially impounded by the dam.
Riprap	A layer of large rock, precast blocks, bags of cement, or other suitable material, generally placed on an embankment or along a watercourse as protection against wave action, erosion, or scour.
Risk	A measure of the likelihood and severity of an adverse consequence.
Seepage	The natural movement of water through the embankment, foundation, or abutments of the dam.
Slide	The movement of a mass of earth down a slope on the embankment or abutment of the dam.
Spillway (auxiliary or emergency)	The appurtenant structure that provides the controlled conveyance of excess water through, over, or around the dam.
Spillway capacity	The maximum discharge the spillway can safely convey with the reservoir at the maximum design elevation.
Spillway crest	The lowest level at which reservoir water can flow into the spillway.
Tailwater	The body of water immediately downstream of the embankment at a specific point in time.
Toe of dam	The junction of the upstream or downstream face of an embankment with the ground surface.
Top of dam (crest of dam)	The elevation of the uppermost surface of an embankment which can safely impound water behind the dam.

Appendix B

Appendix B-1 Resources Available

**Note the most current list is located on
www.DeKalbReady.com – DWM COOP**

DWM has the following locally available equipment, labor, and materials for use in the event of a dam emergency:

- | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> • Excavator • Front End Loader • 4 Dump Trucks • Valve Trailer • Heavy Equipment Trailer • Air Compressor | <ul style="list-style-type: none"> • Portable Lights • 6 Cylinder Pump • Mobile Generator (230kW) • 7 Maintenance Mechanics with Tool Trucks • 4 Electricians/Electronic Technicians with Tool Trucks |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Other locally available resources include:

Heavy Equipment Service (Additional Resources available from Roads and Drainage if needed)		
Available from Roadhaven Yard	Available at Pole Bridge AWTF	Available at Snapfinger AWTF
<ul style="list-style-type: none"> • 8 General Repair Trucks with Tools • 1 Dump Truck • 2 Crane Trucks • 5 CCTV Trucks • Excavators • Front End Loaders 	<ul style="list-style-type: none"> • Front End Loader • Backhoe • Skip Loader • 2 Dump Trucks • 3 Equipment Trailers (1 Flatbed and 2 Utility) 	<ul style="list-style-type: none"> • Front End Loader • Dump Truck (Tandem) • Equipment Trailer • Boom Crane Truck • 2 Portable Generators (10KW and 100KW)

Sand and Gravel Supply	
Available from Roadhaven Yard (large stockpiles):	Available at Pole Bridge AWTF:
<ul style="list-style-type: none"> • Sand • Crusher Run • 57 Stone 	<ul style="list-style-type: none"> • 2 loads of Crusher Run • 2 loads of 57 Stone

Ready-mix Concrete Supply
<ul style="list-style-type: none"> • Contact Roadhaven Warehouse

Pumps	
Available from Roadhaven Yard:	Available at Pole Bridge AWTF & Snapfinger AWTF:
<ul style="list-style-type: none"> • Multiple Bypass Pumps 	<ul style="list-style-type: none"> • 6” Hydraulic Pump • 8” Hydraulic Pump

Sand Bags
<ul style="list-style-type: none"> • Available and to be made at Roadhaven or Snapfinger AWTF

Appendix B-2

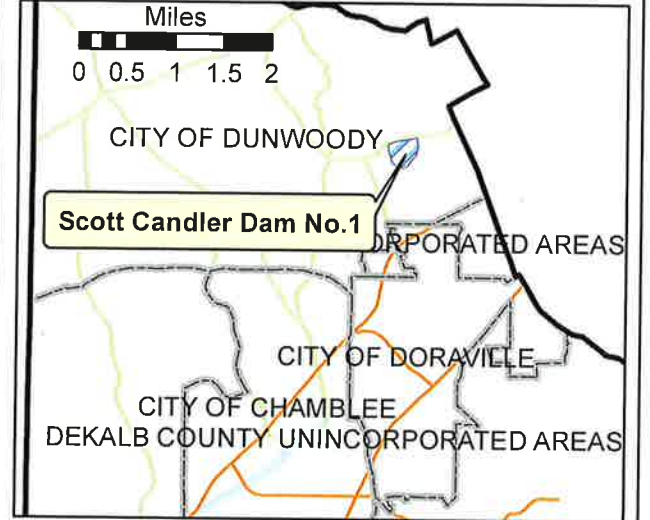
Location and Vicinity Maps



SCOTT CANDLER NO. 1 DAM FAILURE

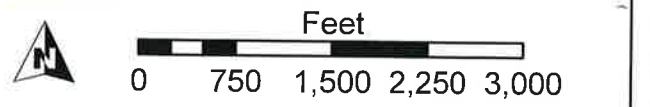
Panel 1 of 1

PANEL LOCATOR



LEGEND

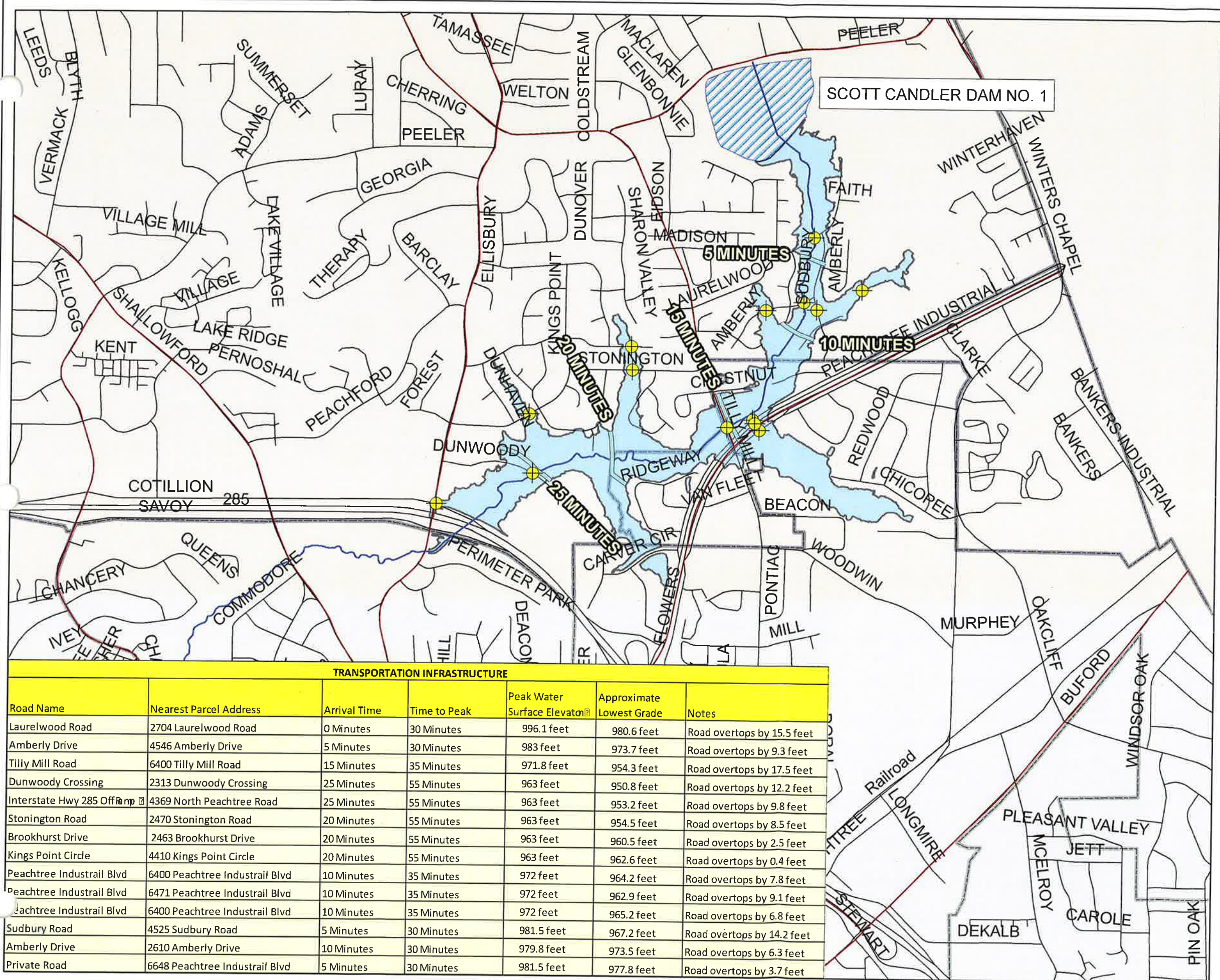
- IMPACTED ROADS
- FLOODWAVE ARRIVAL TIME
- STREAM CHANNEL CENTERLINE
- SUNNY_DAY BREACH ZONE
- CITY BOUNDARY
- LAKE



The methods used to develop the inundation zone and floodwave arrival time are approximate and should only be used as a guidance for establishing evacuation zones. Actual areas inundated will depend on failure and pre-failure hydrologic conditions, and may differ significantly from the information shown on these maps.

The inundation zone and floodwave arrival time shown were established using failure parameters established by the Georgia Safe Dams Program for a sunny-day failure.

By: **Dewberry** Date: 02/10/2015



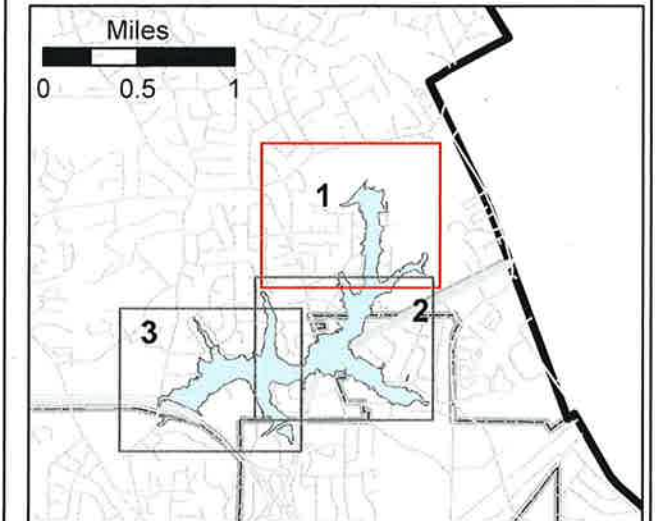
TRANSPORTATION INFRASTRUCTURE

Road Name	Nearest Parcel Address	Arrival Time	Time to Peak	Peak Water Surface Elevation	Approximate Lowest Grade	Notes
Laurelwood Road	2704 Laurelwood Road	0 Minutes	30 Minutes	996.1 feet	980.6 feet	Road overtops by 15.5 feet
Amberly Drive	4546 Amberly Drive	5 Minutes	30 Minutes	983 feet	973.7 feet	Road overtops by 9.3 feet
Tilly Mill Road	6400 Tilly Mill Road	15 Minutes	35 Minutes	971.8 feet	954.3 feet	Road overtops by 17.5 feet
Dunwoody Crossing	2313 Dunwoody Crossing	25 Minutes	55 Minutes	963 feet	950.8 feet	Road overtops by 12.2 feet
Interstate Hwy 285 Off Ramp	4369 North Peachtree Road	25 Minutes	55 Minutes	963 feet	953.2 feet	Road overtops by 9.8 feet
Stonington Road	2470 Stonington Road	20 Minutes	55 Minutes	963 feet	954.5 feet	Road overtops by 8.5 feet
Brookhurst Drive	2463 Brookhurst Drive	20 Minutes	55 Minutes	963 feet	960.5 feet	Road overtops by 2.5 feet
Kings Point Circle	4410 Kings Point Circle	20 Minutes	55 Minutes	963 feet	962.6 feet	Road overtops by 0.4 feet
Peachtree Industrail Blvd	6400 Peachtree Industrail Blvd	10 Minutes	35 Minutes	972 feet	964.2 feet	Road overtops by 7.8 feet
Peachtree Industrail Blvd	6471 Peachtree Industrail Blvd	10 Minutes	35 Minutes	972 feet	962.9 feet	Road overtops by 9.1 feet
Peachtree Industrail Blvd	6400 Peachtree Industrail Blvd	10 Minutes	35 Minutes	972 feet	965.2 feet	Road overtops by 6.8 feet
Sudbury Road	4525 Sudbury Road	5 Minutes	30 Minutes	981.5 feet	967.2 feet	Road overtops by 14.2 feet
Amberly Drive	2610 Amberly Drive	10 Minutes	30 Minutes	979.8 feet	973.5 feet	Road overtops by 6.3 feet
Private Road	6648 Peachtree Industrail Blvd	5 Minutes	30 Minutes	981.5 feet	977.8 feet	Road overtops by 3.7 feet

SCOTT CANDLER NO. 1 DAM FAILURE

Panel 1 of 3

PANEL LOCATOR



LEGEND

- 0.5 miles MILES DOWNSTREAM FROM DAM
- FLOODWAVE ARRIVAL TIME
- STREAM CHANNEL CENTERLINE
- CITY BOUNDARY
- BUILDING AT RISK
- SUNNY_DAY_BREACH_ZONE



The methods used to develop the inundation zone and floodwave arrival time are approximate and should only be used as a guidance for establishing evacuation zones. Actual areas inundated will depend on failure and pre-failure hydrologic conditions, and may differ significantly from the information shown on these maps.

The inundation zone and floodwave arrival time shown were established using failure parameters established by the Georgia Safe Dams Program for a sunny-day failure.

By: **Dewberry** Date: 02/10/2015



SCOTT CANDLER DAM NO. 1

2746 Laurelwood Road
Peak Floodwater at/near Building Elevation

2658 Stonehenge Court
Peak Floodwater at/near Building Elevation

Laurelwood Road
Road Overtops by 15.5 feet
Time to Peak Flood = 30 minutes

2669 Stonehenge Place
Peak Floodwater at/near Building Elevation

(4606, 4607, 4598, 4599, 4590, 4582, 4576, 4568, 4560, 4552, 4546, 4543, 4551, 4561) Sudbury Road
Peak Floodwater at/near Building Elevation

(2696, 2704, 2695, 2705) Laurelwood Road
Maximum Flood Depth = 28 feet
Time to Peak Flood = 30 minutes

Amberly Drive
Road Overtops by 9.3 feet
Time to Peak Flood = 30 minutes

(4611, 4603, 4597, 4589, 4581, 4571) Holliston Road
Peak Floodwater at/near Building Elevation

(4557, 4561, 4567) Amberly Court
Peak Floodwater at/near Building Elevation

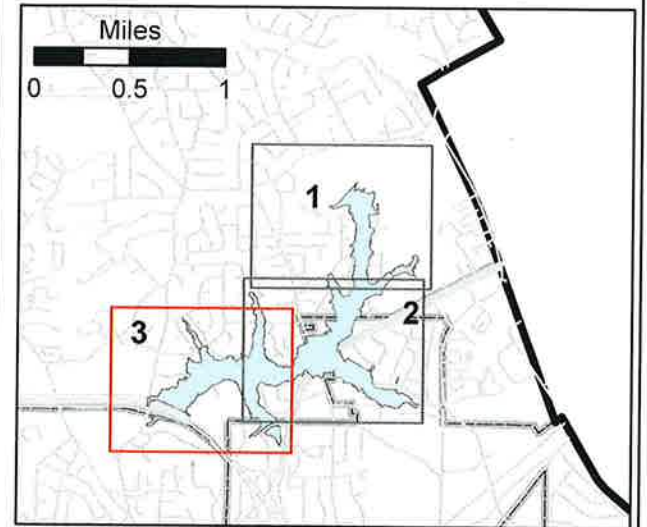
(2615, 2623) Laurelwood Road
Peak Floodwater at/near Building Elevation

Private Road
Road Overtops by 3.7 feet
Time to Peak Flood = 30 minutes

SCOTT CANDLER NO. 1 DAM FAILURE

Panel 3 of 3

PANEL LOCATOR



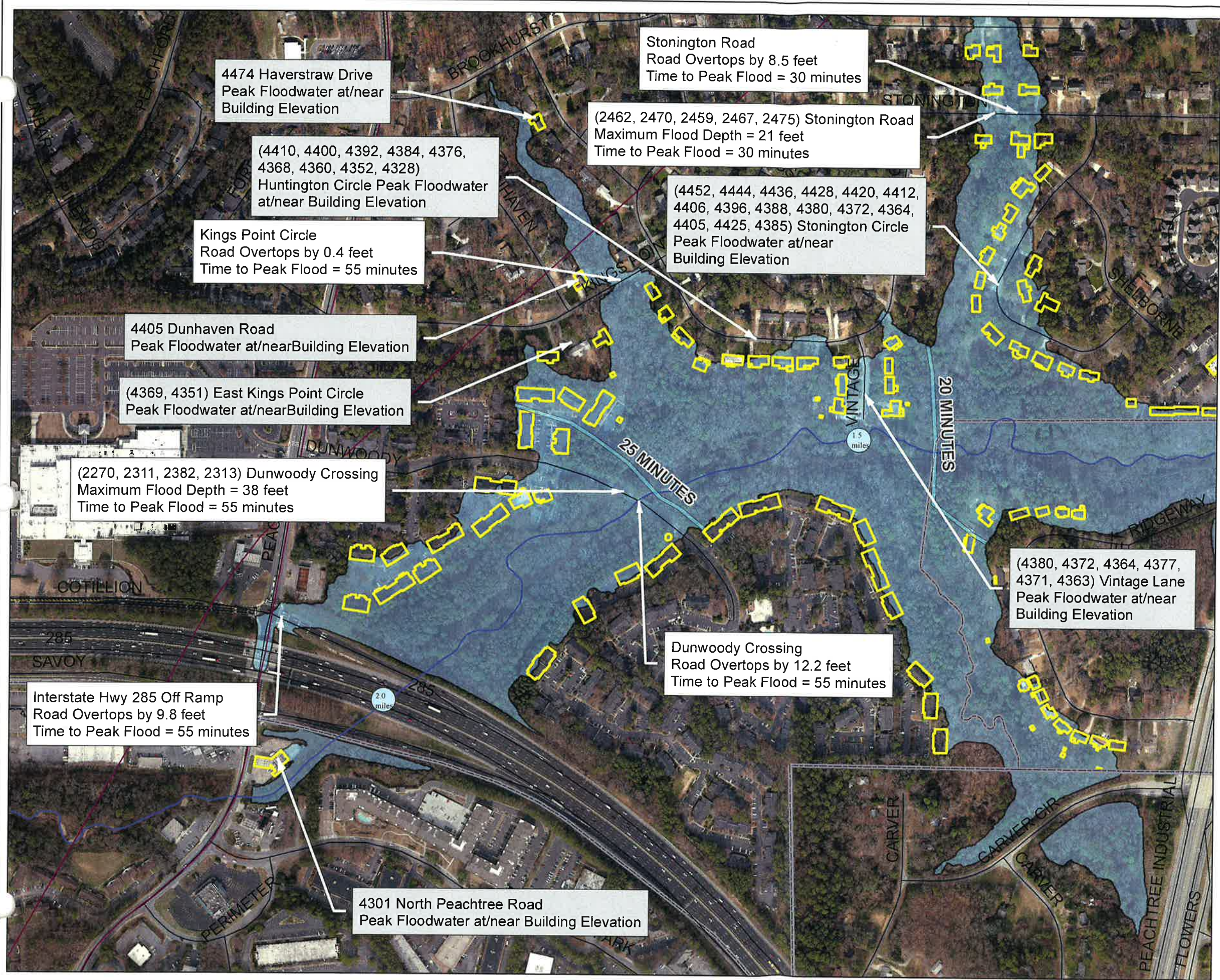
LEGEND

- MILES DOWNSTREAM FROM DAM
- FLOODWAVE ARRIVAL TIME
- STREAM CHANNEL CENTERLINE
- CITY BOUNDARY
- BUILDING AT RISK
- SUNNY_DAY_BREACH_ZONE



The methods used to develop the inundation zone and floodwave arrival time are approximate and should only be used as a guidance for establishing evacuation zones. Actual areas inundated will depend on failure and pre-failure hydrologic conditions, and may differ significantly from the information shown on these maps.

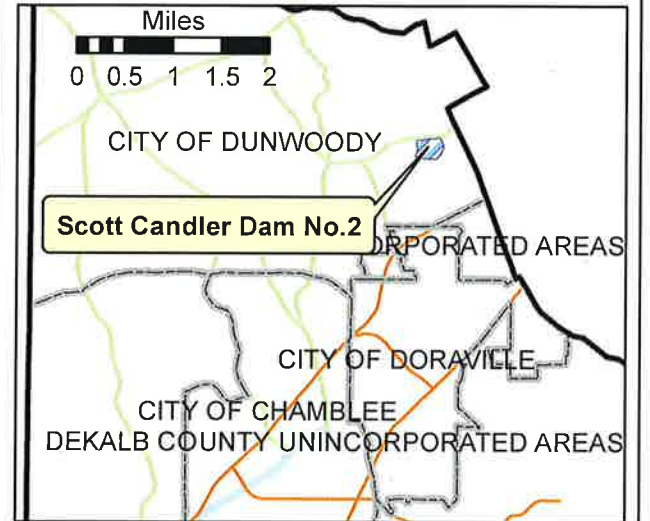
The inundation zone and floodwave arrival time shown were established using failure parameters established by the Georgia Safe Dams Program for a sunny-day failure.



SCOTT CANDLER NO. 2 DAM FAILURE

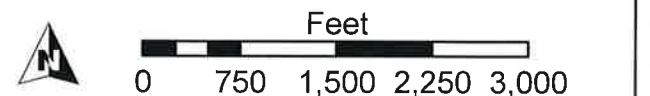
Panel 1 of 1

PANEL LOCATOR



LEGEND

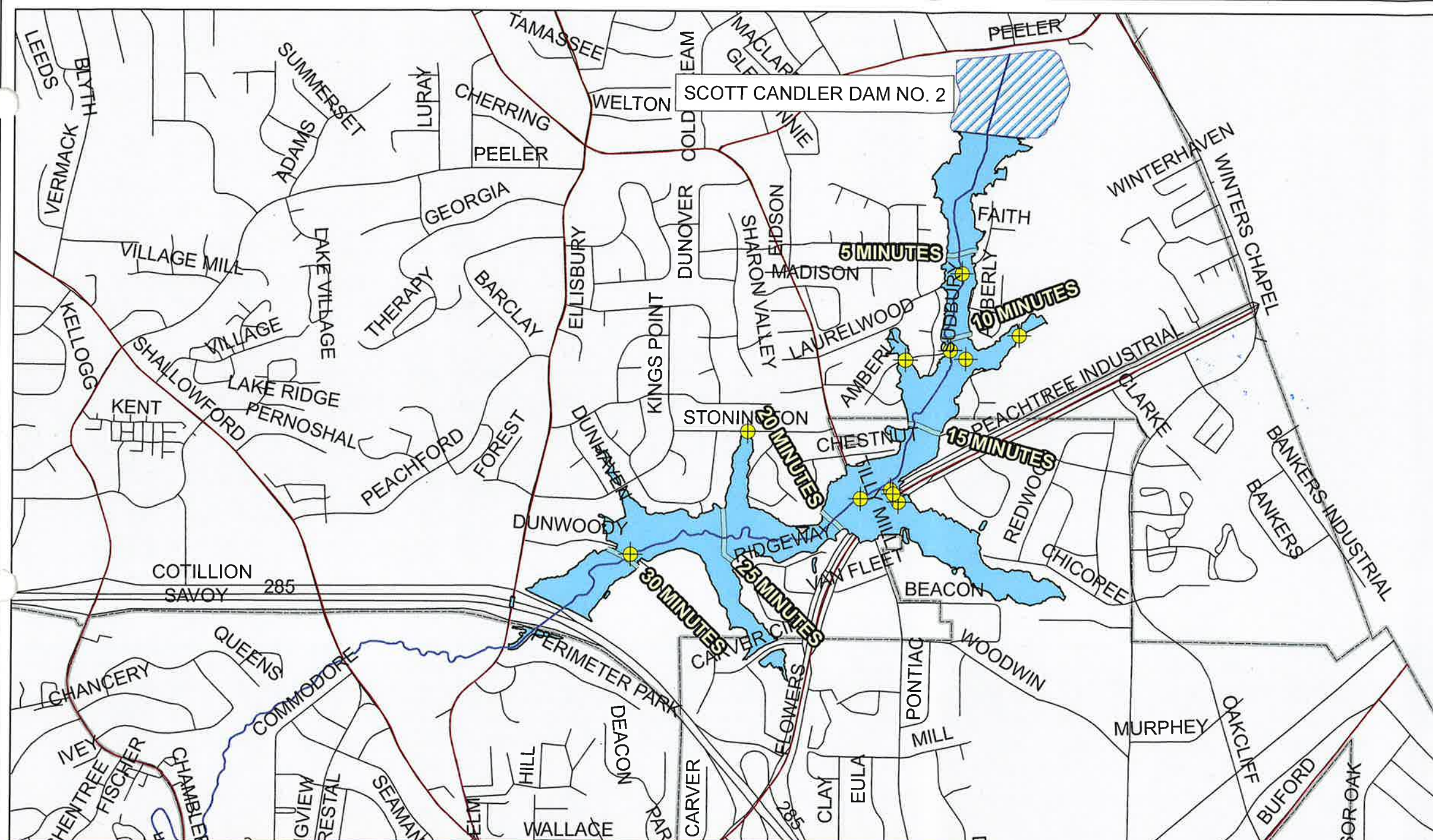
- IMPACTED ROADS
- FLOODWAVE ARRIVAL TIME
- STREAM CHANNEL CENTERLINE
- CITY BOUNDARY
- SUNNY_DAY_BREACH_ZONE
- LAKE



The methods used to develop the inundation zone and floodwave arrival time are approximate and should only be used as a guide for establishing evacuation zones. Actual areas inundated will depend on failure and pre-failure hydrologic conditions, and may differ significantly from the information shown on these maps.

The inundation zone and floodwave arrival time shown were established using failure parameters established by the Georgia Safe Dams Program for a sunny-day failure.

By: **Dewberry** Date: 02/10/2015



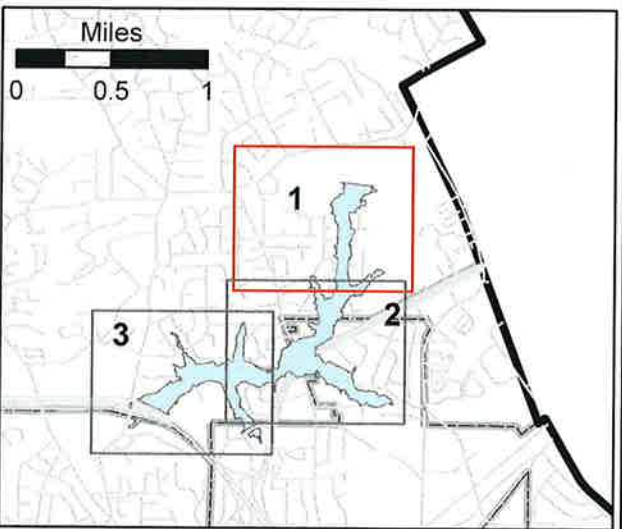
TRANSPORTATION INFRASTRUCTURE

Road Name	Nearest Parcel Address	Arrival Time	Time to Peak	Peak Water Surface Elevation	Approximate Lowest Grade	Notes
Laurelwood Road	2704 Laurelwood Road	5 Minutes	30 Minutes	992.4 feet	980.6 feet	Road overtops by 11.8 feet
Amberly Drive	4546 Amberly Drive	10 Minutes	30 Minutes	980.3 feet	973.7 feet	Road overtops by 6.6 feet
Tilly Mill Road	6400 Tilly Mill Road	15 Minutes	35 Minutes	967.5 feet	954.3 feet	Road overtops by 13.2 feet
Dunwoody Crossing	2313 Dunwoody Crossing	25 Minutes	60 Minutes	955.1 feet	950.8 feet	Road overtops by 4.3 feet
Stonington Road	2470 Stonington Road	20 Minutes	40 Minutes	955.1 feet	954.5 feet	Road overtops by 0.6 feet
Peachtree Industrail Blvd	6400 Peachtree Industrail Blvd	15 Minutes	35 Minutes	968.1 feet	964.2 feet	Road overtops by 3.9 feet
Peachtree Industrail Blvd	6471 Peachtree Industrail Blvd	15 Minutes	35 Minutes	968.1 feet	962.9 feet	Road overtops by 5.2 feet
Peachtree Industrail Blvd	6400 Peachtree Industrail Blvd	15 Minutes	35 Minutes	968.1 feet	965.2 feet	Road overtops by 2.9 feet
Sudbury Road	4525 Sudbury Road	10 Minutes	30 Minutes	979.0 feet	967.2 feet	Road overtops by 11.8 feet
Amberly Drive	2610 Amberly Drive	10 Minutes	30 Minutes	976.9 feet	973.5 feet	Road overtops by 3.4 feet
Private Road	6648 Peachtree Industrail Blvd	10 Minutes	30 Minutes	979.0 feet	977.8 feet	Road overtops by 1.2 feet

SCOTT CANDLER NO. 2 DAM FAILURE

Panel 1 of 3

PANEL LOCATOR

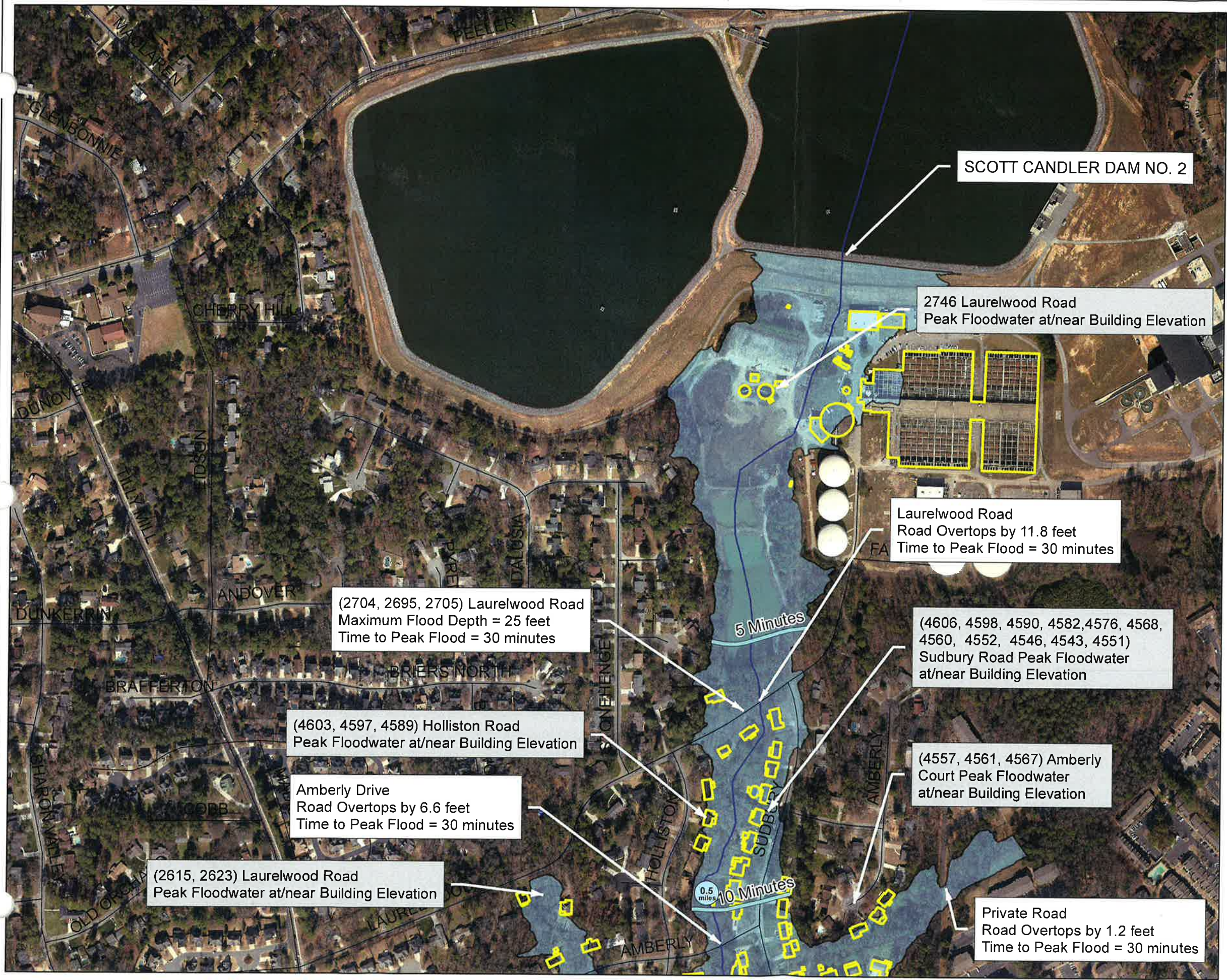


LEGEND

- MILES DOWNSTREAM FROM DAM
 - FLOODWAVE ARRIVAL TIME
 - STREAM CHANNEL CENTERLINE
 - CITY BOUNDARY
 - BUILDING_AT_RISK
 - SUNNY_DAY_BREACH_ZONE
- Professional Engineer Seal: L. FLEMING, No. 24009, 9/20/19*
- Feet
0 200 400 600 800

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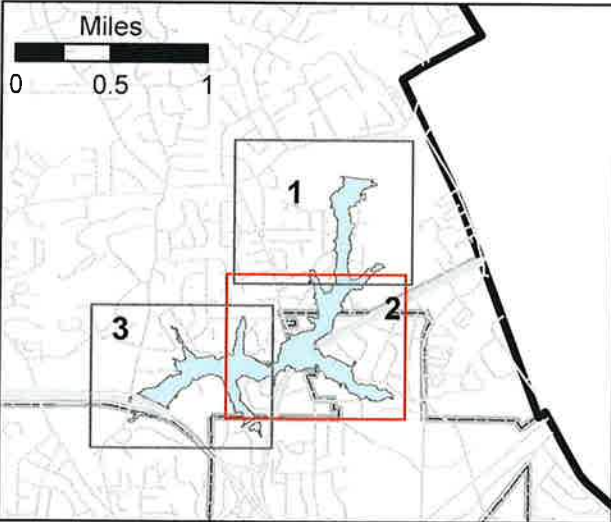
The inundation zone and floodwave arrival time shown were established using failure parameters established by the Georgia Safe Dams Program for a sunny-day failure.



SCOTT CANDLER NO. 2 DAM FAILURE

Panel 2 of 3

PANEL LOCATOR



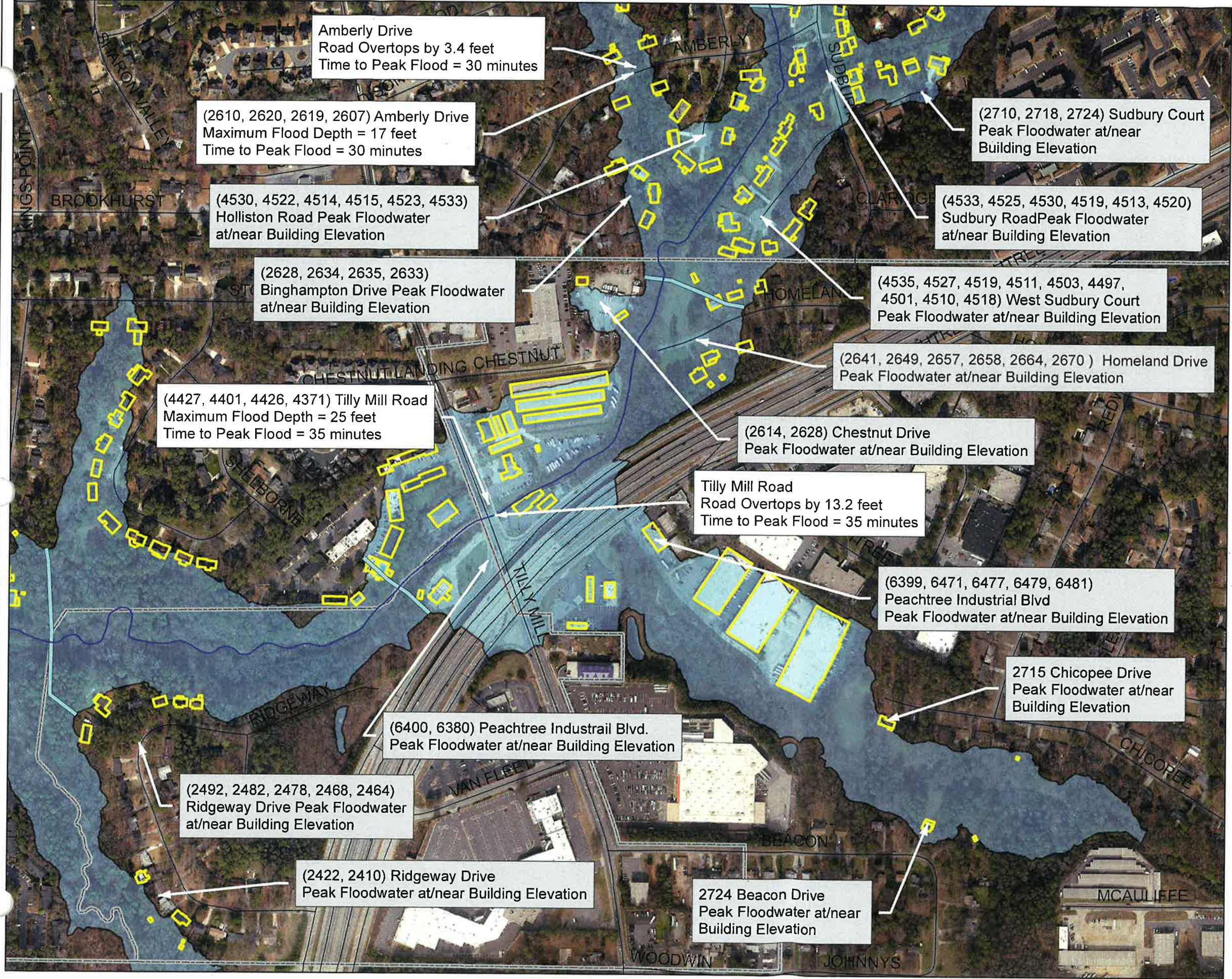
LEGEND

- 0.5 MILES DOWNSTREAM FROM DAM
 - FLOODWAVE ARRIVAL TIME
 - STREAM CHANNEL CENTERLINE
 - CITY BOUNDARY
 - BUILDING_AT_RISK
 - SUNNY_DAY_BREACH_ZONE
- Feet



The methods used to develop the inundation zone and floodwave arrival time are approximate and should only be used as a guidance for establishing evacuation zones. Actual areas inundated will depend on failure and pre-failure hydrologic conditions, and may differ significantly from the information shown on these maps.

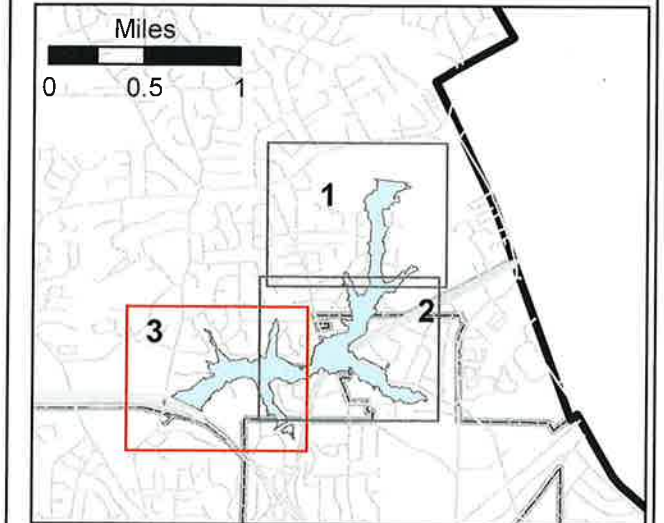
The inundation zone and floodwave arrival time shown were established using failure parameters established by the Georgia Safe Dams Program for a sunny-day failure.









SCOTT CANDLER NO. 2 DAM FAILURE

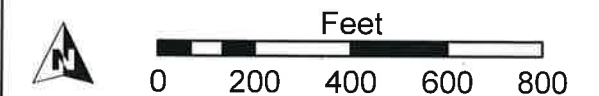
Panel 3 of 3

PANEL LOCATOR



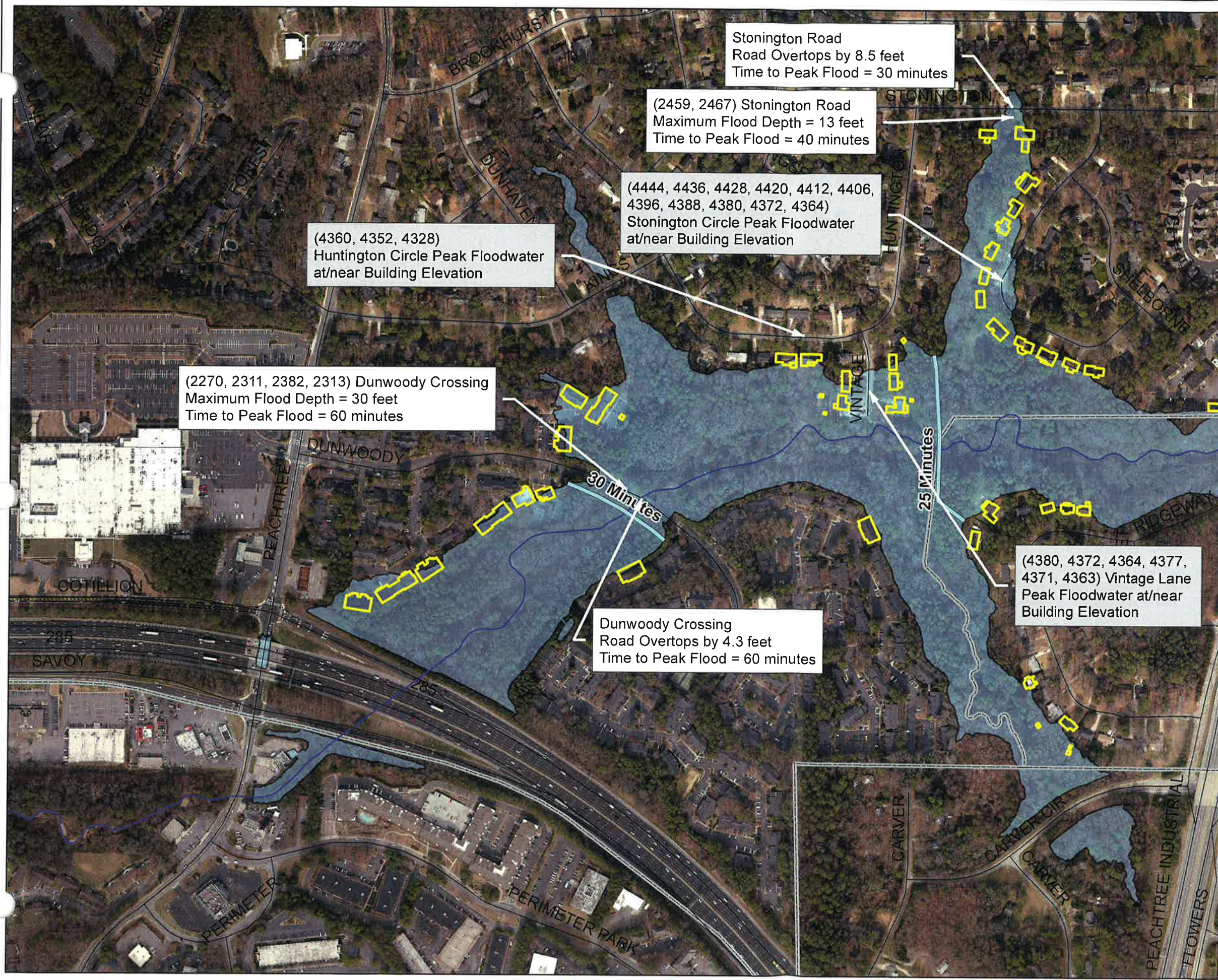
LEGEND

-  MILES DOWNSTREAM FROM DAM
-  FLOODWAVE ARRIVAL TIME
-  STREAM CHANNEL CENTERLINE
-  CITY BOUNDARY
-  BUILDING_AT_RISK
-  SUNNY_DAY_BREACH_ZONE



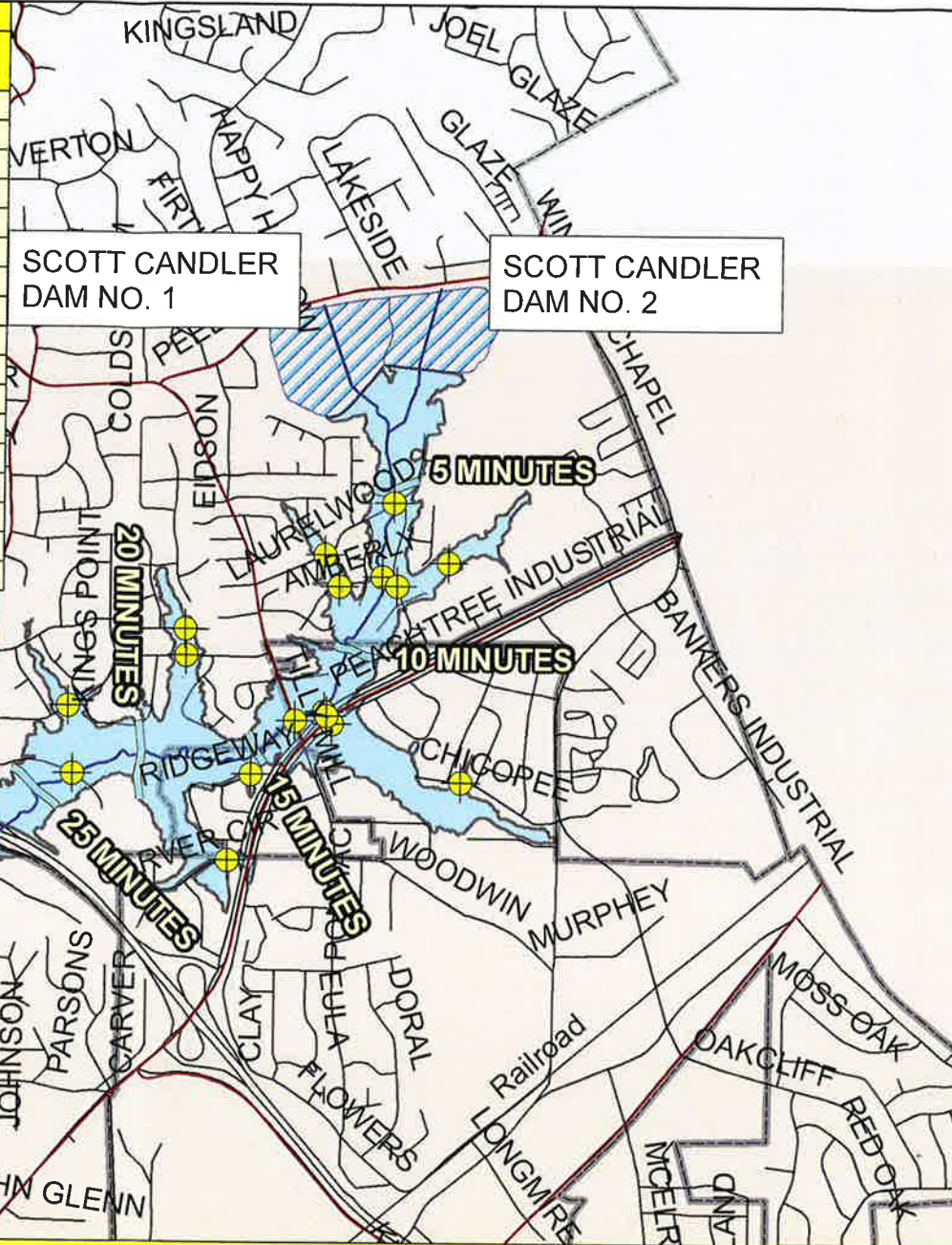
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The inundation zone and floodwave arrival time shown were established using failure parameters established by the Georgia Safe Dams Program for a sunny-day failure.



TRANSPORTATION INFRASTRUCTURE

Road Name	Nearest Parcel Address	Arrival Time	Time to Peak	Peak Water Surface Elevation	Approximate Lowest Grade	Notes
Laurelwood Road	2704 Laurelwood Road	0 Minutes	30 Minutes	996.1 feet	980.6 feet	Road overtops by 15.5 feet
Amberly Drive	4546 Amberly Drive	5 Minutes	30 Minutes	983 feet	973.7 feet	Road overtops by 9.3 feet
Tilly Mill Road	6400 Tilly Mill Road	15 Minutes	35 Minutes	971.8 feet	954.3 feet	Road overtops by 17.5 feet
Dunwoody Crossing	2313 Dunwoody Crossing	25 Minutes	55 Minutes	963 feet	950.8 feet	Road overtops by 12.2 feet
Interstate Hwy 285 Off Ramp	4369 North Peachtree Road	25 Minutes	55 Minutes	963 feet	953.2 feet	Road overtops by 9.8 feet
Stonington Road	2470 Stonington Road	20 Minutes	55 Minutes	963 feet	954.5 feet	Road overtops by 8.5 feet
Brookhurst Drive	2463 Brookhurst Drive	20 Minutes	55 Minutes	963 feet	960.5 feet	Road overtops by 2.5 feet
Kings Point Circle	4410 Kings Point Circle	20 Minutes	55 Minutes	963 feet	962.6 feet	Road overtops by 0.4 feet
Peachtree Industrail Blvd	6400 Peachtree Industrail Blvd	10 Minutes	35 Minutes	972 feet	964.2 feet	Road overtops by 7.8 feet
Peachtree Industrail Blvd	6471 Peachtree Industrail Blvd	10 Minutes	35 Minutes	972 feet	962.9 feet	Road overtops by 9.1 feet
Peachtree Industrail Blvd	6400 Peachtree Industrail Blvd	10 Minutes	35 Minutes	972 feet	965.2 feet	Road overtops by 6.8 feet
Sudbury Road	4525 Sudbury Road	5 Minutes	30 Minutes	981.5 feet	967.2 feet	Road overtops by 14.2 feet
Amberly Drive	2610 Amberly Drive	10 Minutes	30 Minutes	979.8 feet	973.5 feet	Road overtops by 6.3 feet
Private Road	6648 Peachtree Industrail Blvd	5 Minutes	30 Minutes	981.5 feet	977.8 feet	Road overtops by 3.7 feet
Laurelwood Road	2615 Laurelwood Road	5 Minutes	30 Minutes	985.6 feet	984.7 feet	Road overtops by 0.9 feet
North Peachtree Road	4301 North Peachtree Road	25 Minutes	45 Minutes	945 feet	933.1 feet	Road overtops by 11.9 feet
Shallowford Road	4306 Shallowford Road	30 Minutes	60 Minutes	936.7 feet	926.5 feet	Road overtops by 10.2 feet



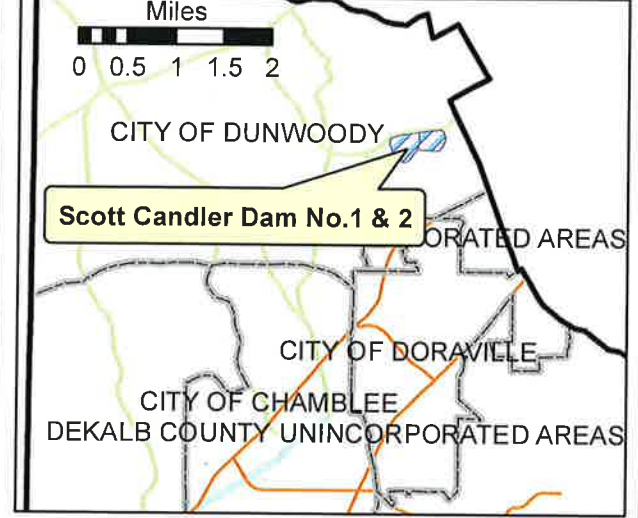
SCOTT CANDLER DAM NO. 1

SCOTT CANDLER DAM NO. 2

SCOTT CANDLER NO. 1 & NO. 2 DAM FAILURE

Panel 1 of 1

PANEL LOCATOR



LEGEND

- IMPACTED ROADS
- FLOODWAVE ARRIVAL TIME
- STREAM CHANNEL CENTERLINE
- SUNNY-DAY BREACH ZONE
- CITY BOUNDARY
- LAKES



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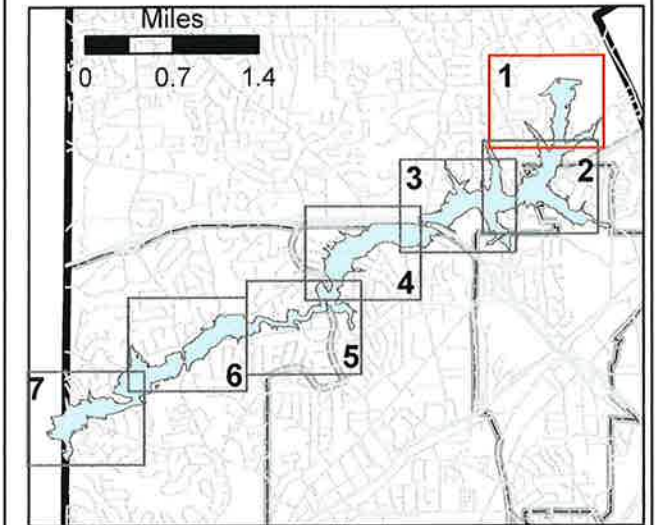
TRANSPORTATION INFRASTRUCTURE

Road Name	Nearest Parcel Address	Arrival Time	Time to Peak	Peak Water Surface Elevation	Approximate Lowest Grade	Notes
Chamblee Dunwoody Road	4147 Chamblee Dunwoody Road	40 Minutes	65 Minutes	932.6 feet	926.6 feet	Road overtops by 6.0 feet
Dyouville Terrace	4104 Dyouville Terrace	45 Minutes	65 Minutes	926.1 feet	915.6 feet	Road overtops by 10.5 feet
Ashford Dunwoody Road	3794 Ashford Dunwoody Road	60 Minutes	90 Minutes	878.2 feet	877 feet	Road overtops by 1.2 feet
Johnson Ferry Road	1690 Johnson Ferry Road	75 Minutes	125 Minutes	863.4 feet	861.7 feet	Road overtops by 1.7 feet
Evergreen Drive	3515 Knollhaven Drive	75 Minutes	135 Minutes	860.8 feet	858.8 feet	Road overtops by 2.0 feet
West Nancy Creek Drive	1232 West Nancy Creek Drive	65 Minutes	115 Minutes	869.5 feet	867 feet	Road overtops by 2.5 feet
Gainsborough Drive	1936 Gainsborough Drive	35 Minutes	65 Minutes	935.6 feet	920.9 feet	Road overtops by 14.7 feet
Savoy Drive	2165 Savoy Drive	30 Minutes	50 Minutes	942.4 feet	929.2 feet	Road overtops by 13.2 feet
Perimeter Park Drive	4291 North Peachtree Road	25 Minutes	45 Minutes	945 feet	933.4 feet	Road overtops by 11.6 feet
Ridgeway Drive	2492 Ridgeway Drive	15 Minutes	35 Minutes	970.5 feet	968.5 feet	Road overtops by 2.0 feet
Chicopee Drive	2765 Chicopee Drive	10 Minutes	35 Minutes	977.8 feet	976.5 feet	Road overtops by 1.3 feet
Carver Circle	2394 Ridgeway Drive	15 Minutes	45 Minutes	970.1 feet	967.8 feet	Road overtops by 2.3 feet
Private Bridge Crossing	3794 Ashford Dunwoody Road	65 Minutes	115 Minutes	869.7 feet	860.3 feet	Road overtops by 9.4 feet
Private Bridge Crossing	3794 Ashford Dunwoody Road	65 Minutes	110 Minutes	869.9 feet	861.3 feet	Road overtops by 8.6 feet
Glencrest Court	3911 Glencrest Court	55 Minutes	90 Minutes	880.1 feet	876.7 feet	Road overtops by 3.4 feet
Dyouville Lane	1838 Dyouville Lane	55 Minutes	70 Minutes	901.6 feet	897.1 feet	Road overtops by 4.5 feet
Private Driveway	4147 Chamblee Dunwoody Road	40 Minutes	65 Minutes	933.6 feet	924.2 feet	Road overtops by 9.4 feet

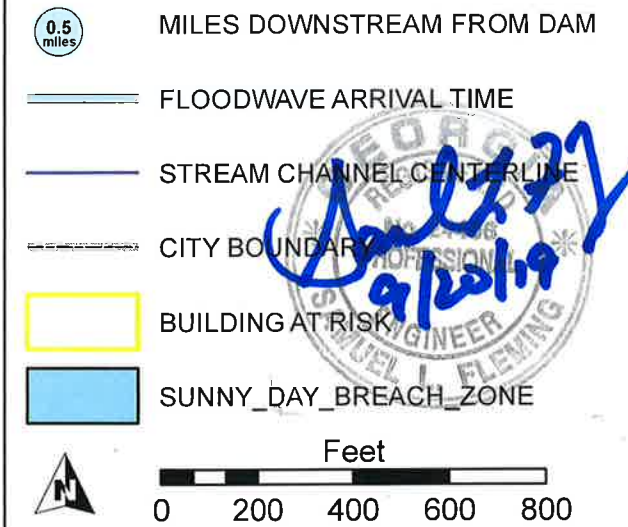
SCOTT CANDLER NO. 1 & NO. 2 DAM FAILURE

Panel 1 of 7

PANEL LOCATOR



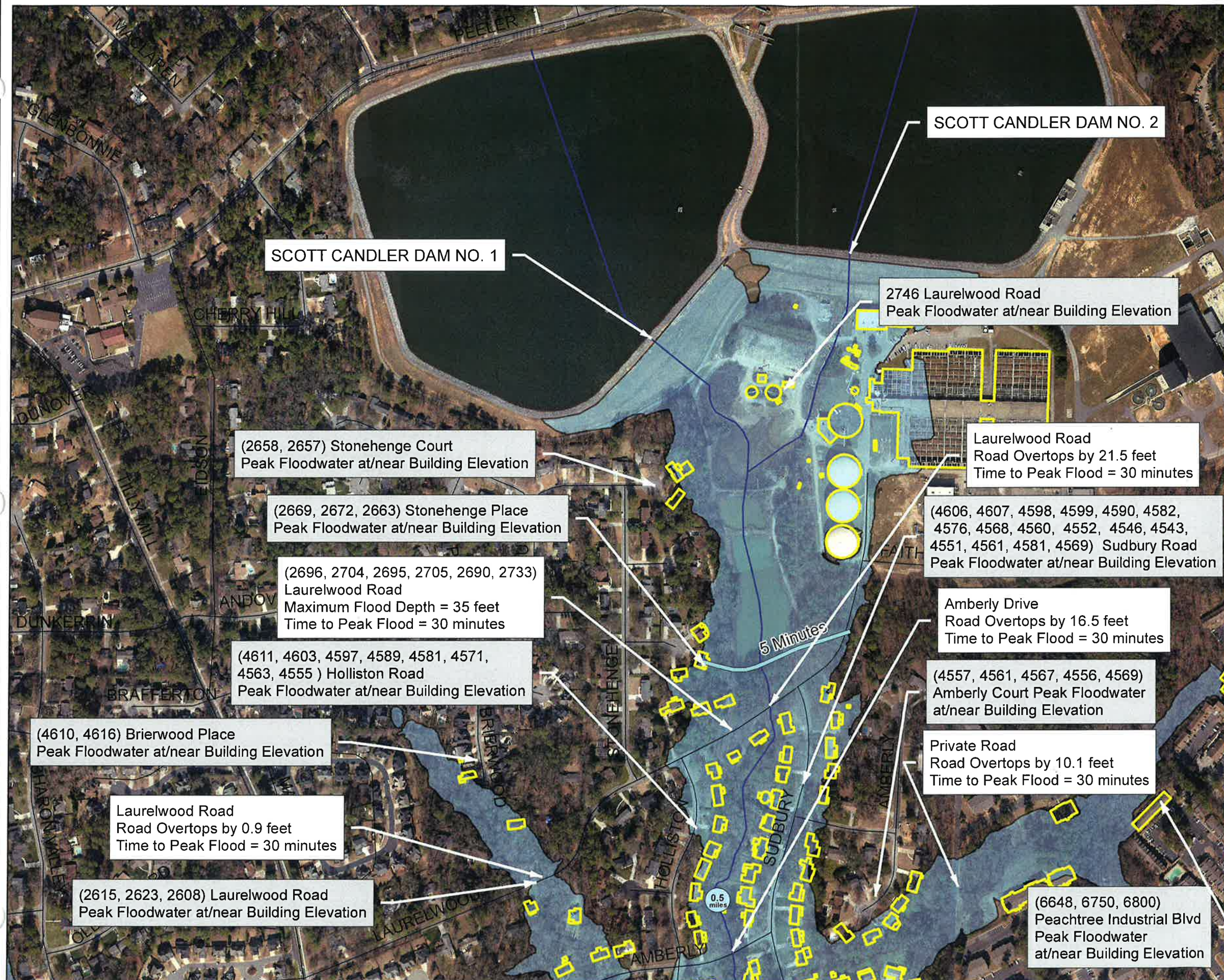
LEGEND



The methods used to develop the inundation zone and floodwave arrival time are approximate and should only be used as a guidance for establishing evacuation zones. Actual areas inundated will depend on failure and pre-failure hydrologic conditions, and may differ significantly from the information shown on these maps.

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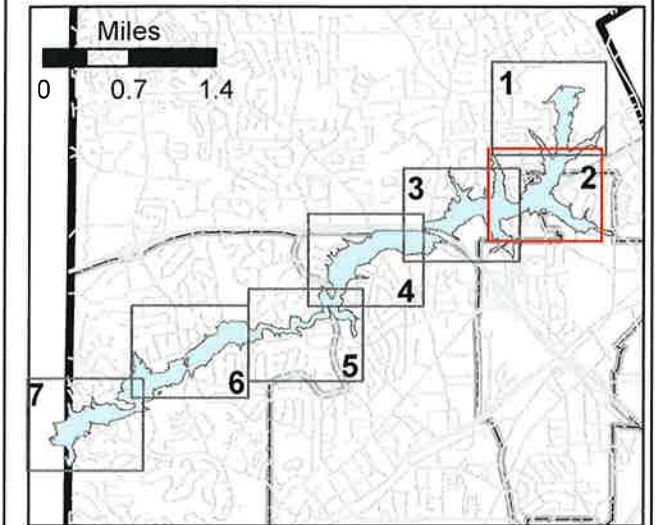
By: **Dewberry** Date: 02/10/2015



SCOTT CANDLER NO. 1 & NO. 2 DAM FAILURE

Panel 2 of 7

PANEL LOCATOR



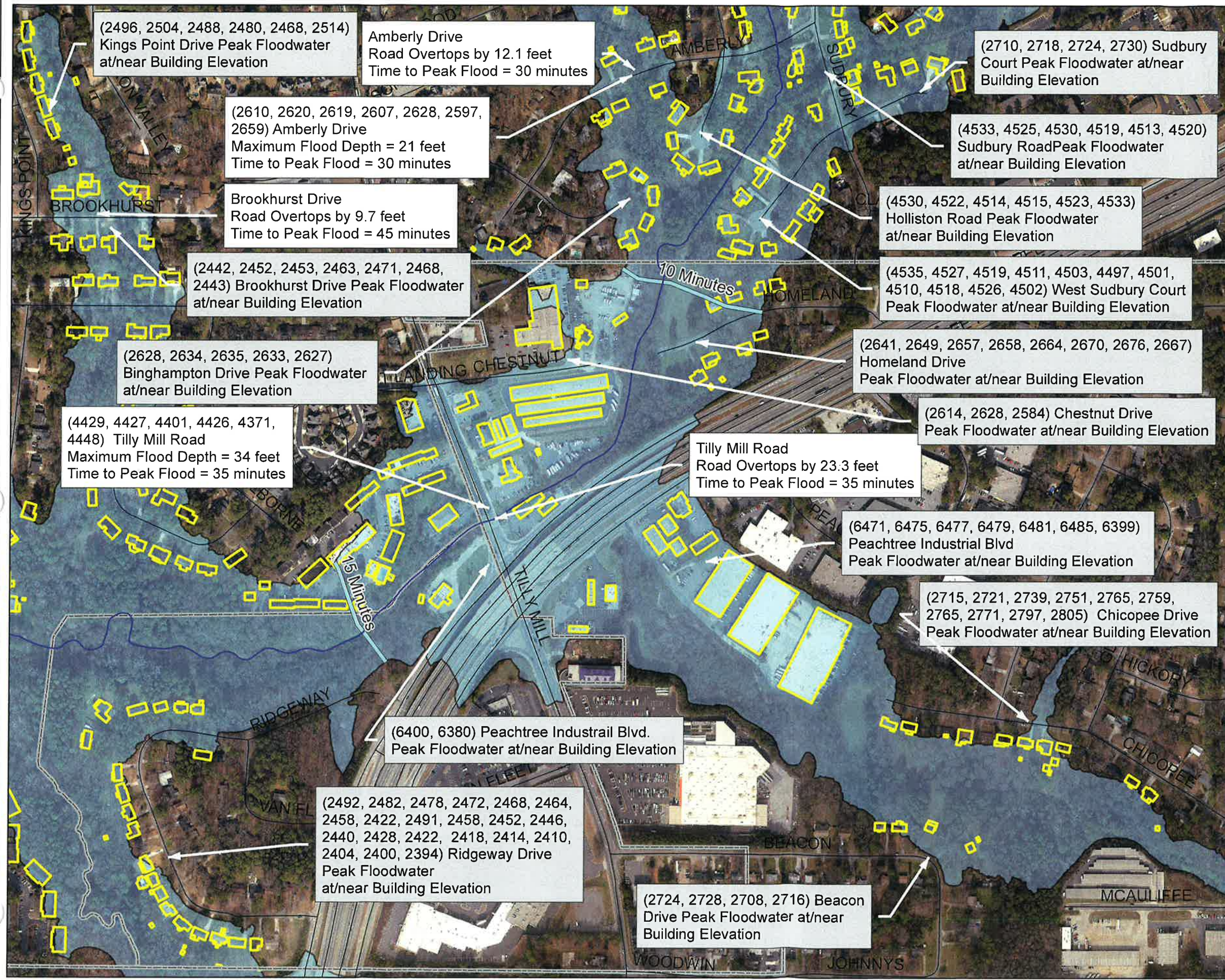
LEGEND

- MILES DOWNSTREAM FROM DAM
 - FLOODWAVE ARRIVAL TIME
 - STREAM CHANNEL CENTERLINE
 - CITY BOUNDARY
 - BUILDING AT RISK
 - SUNNY_DAY_BREACH_ZONE
-

Scott Candler
Professional Engineer
No. 12078
8/20/19

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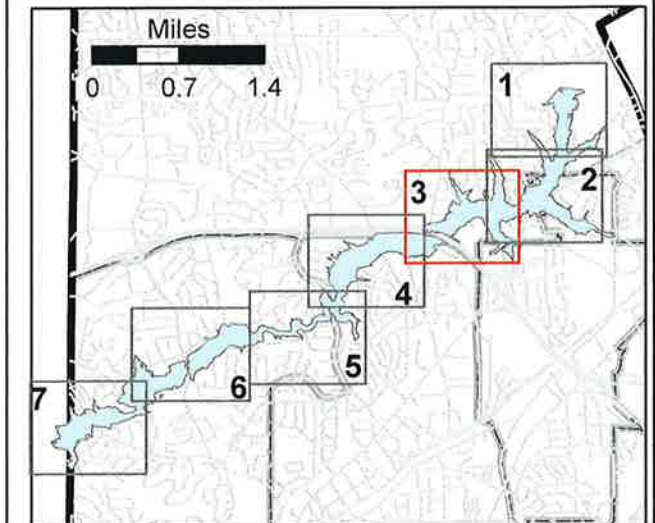
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SCOTT CANDLER NO. 1 & NO. 2 DAM FAILURE

Panel 3 of 7

PANEL LOCATOR



LEGEND

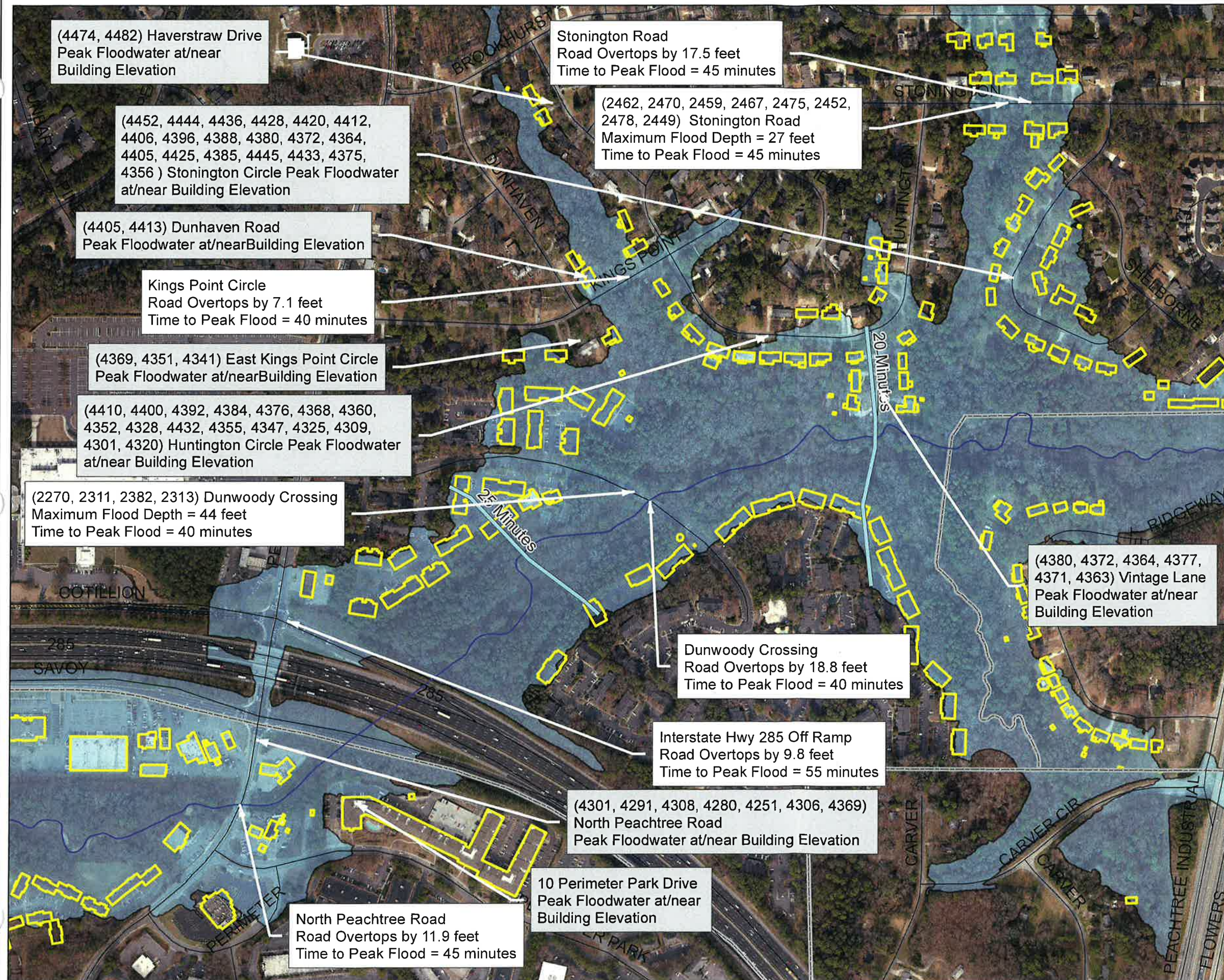
- MILES DOWNSTREAM FROM DAM
 - FLOODWAVE ARRIVAL TIME
 - STREAM CHANNEL CENTERLINE
 - CITY BOUNDARY
 - BUILDING AT RISK
 - SUNNY_DAY_BREACH_ZONE
- Feet

Scott Candler
9/20/19
SCOTT CANDLER
REGISTERED PROFESSIONAL ENGINEER
NO. 10000
STATE OF GEORGIA
L. FLEMING

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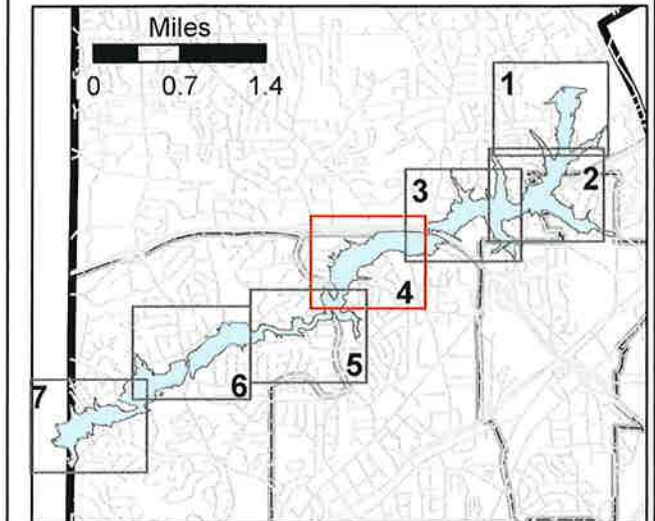
By: **Dewberry** Date: 02/10/2015



SCOTT CANDLER NO. 1 & NO. 2 DAM FAILURE

Panel 4 of 7

PANEL LOCATOR



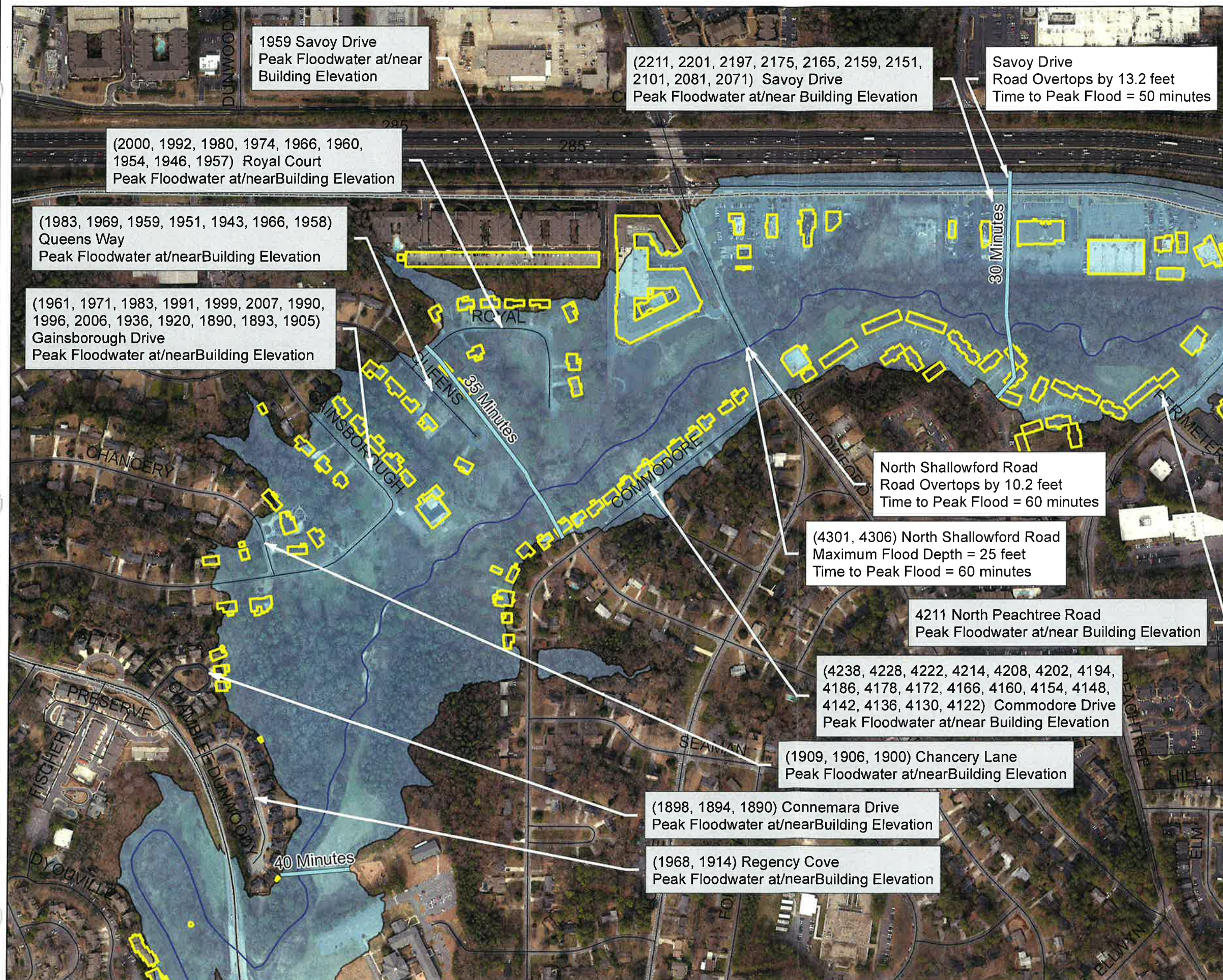
LEGEND

- 0.5 MILES DOWNSTREAM FROM DAM
 - FLOODWAVE ARRIVAL TIME
 - STREAM CHANNEL CENTERLINE
 - CITY BOUNDARY
 - BUILDING AT RISK
 - SUNNY_DAY_BREACH_ZONE
- Handwritten: 9/20/19*
- Feet

The methods used to develop the inundation zone and floodwave arrival time are approximate and should only be used as a guidance for establishing evacuation zones. Actual areas inundated will depend on failure and pre-failure hydrologic conditions, and may differ significantly from the information shown on these maps.

The inundation zone and floodwave arrival time shown were established using failure parameters established by the Georgia Safe Dams Program for a sunny-day failure.

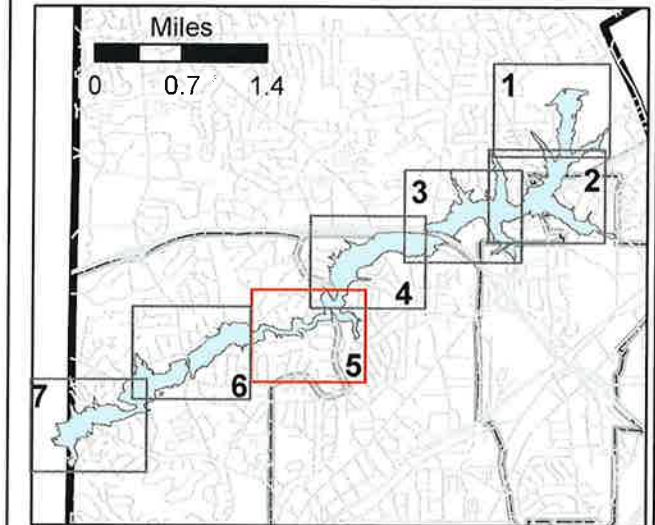
By: **Dewberry** Date: 02/10/2015



SCOTT CANDLER NO. 1 & NO. 2 DAM FAILURE

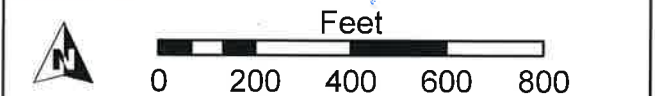
Panel 5 of 7

PANEL LOCATOR



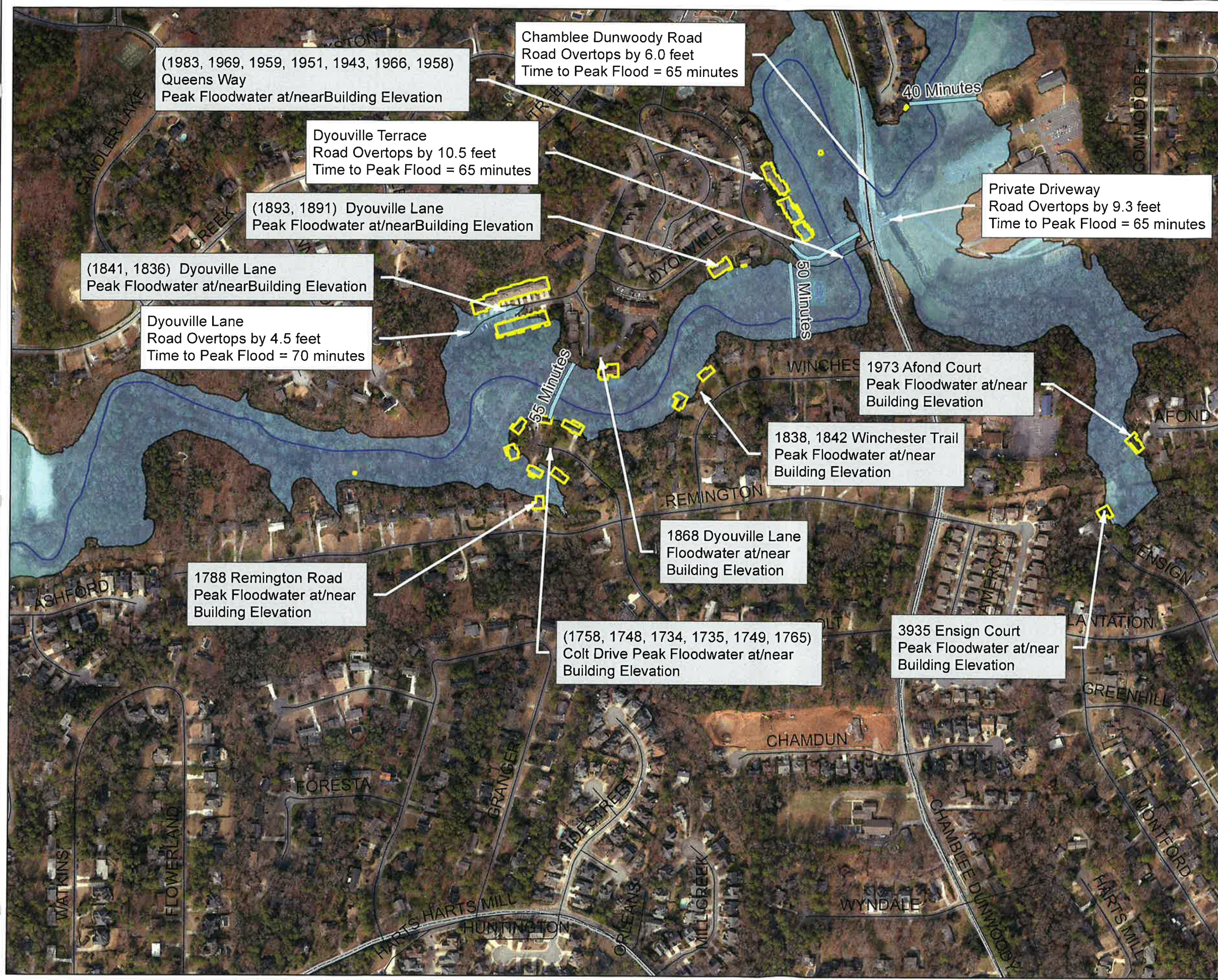
LEGEND

- 0.5 MILES DOWNSTREAM FROM DAM
- FLOODWAVE ARRIVAL TIME
- STREAM CHANNEL CENTERLINE
- CITY BOUNDARY
- BUILDING AT RISK
- SUNNY_DAY_BREACH_ZONE



The methods used to develop the inundation zone and floodwave arrival time are approximate and should only be used as a guidance for establishing evacuation zones. Actual areas inundated will depend on failure and pre-failure hydrologic conditions, and may differ significantly from the information shown on these maps.

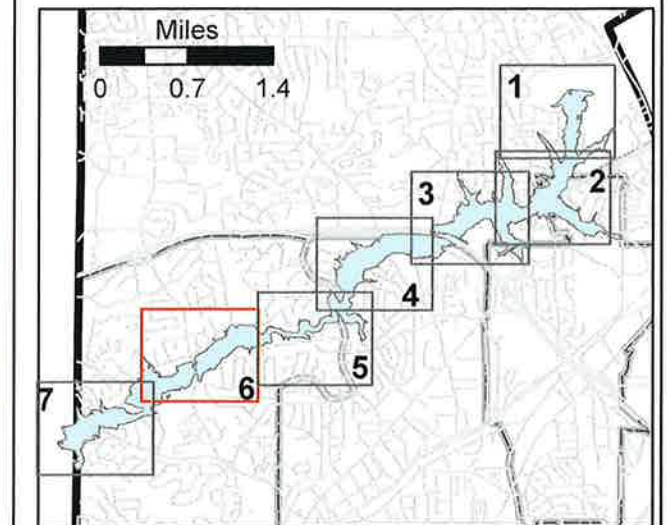
The inundation zone and floodwave arrival time shown were established using failure parameters established by the Georgia Safe Dams Program for a sunny-day failure.









SCOTT CANDLER NO. 1 & NO. 2 DAM FAILURE

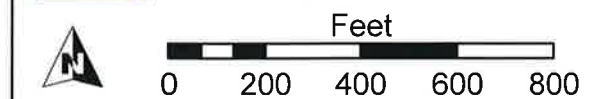
Panel 6 of 7

PANEL LOCATOR



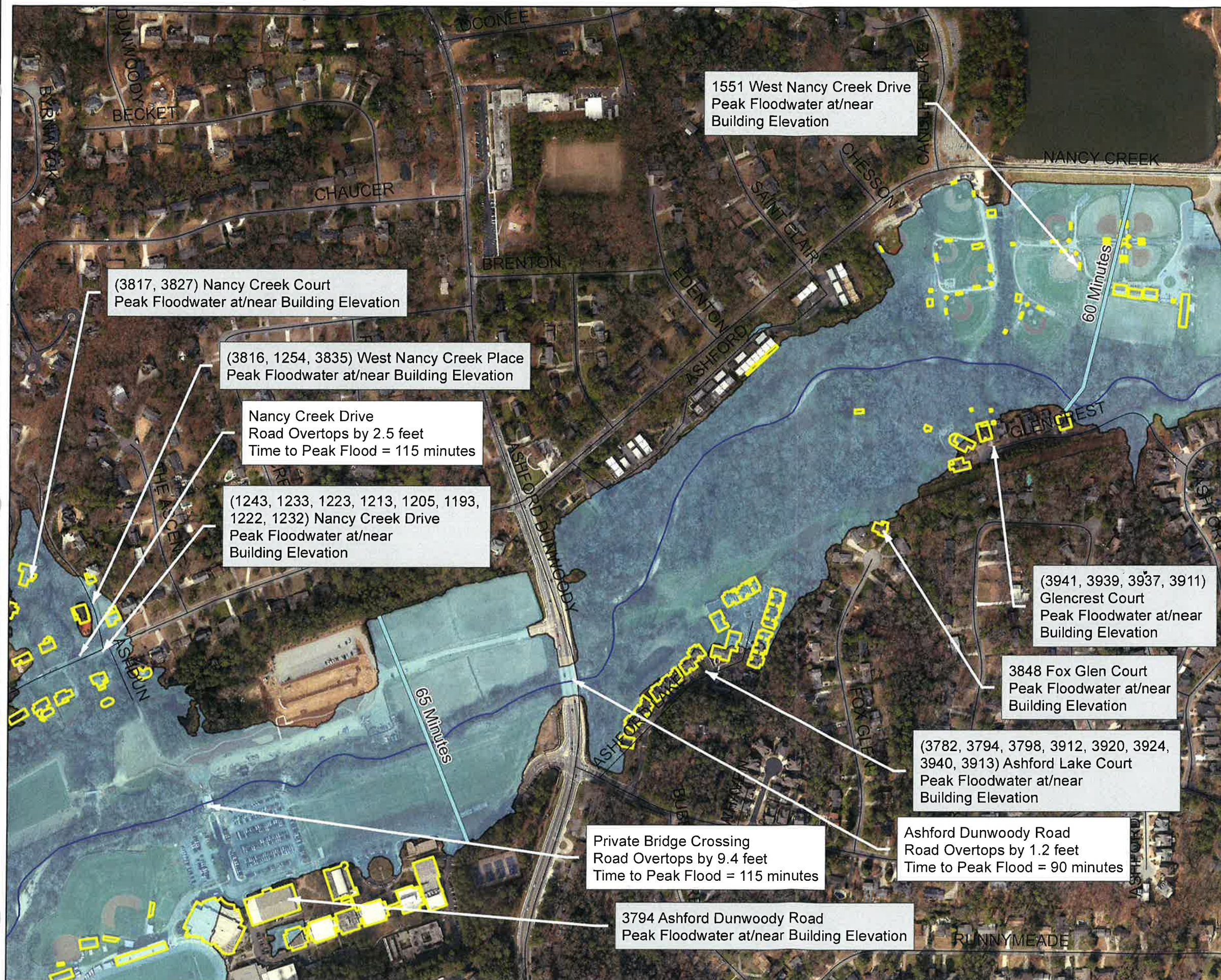
LEGEND

-  MILES DOWNSTREAM FROM DAM
-  FLOODWAVE ARRIVAL TIME
-  STREAM CHANNEL CENTERLINE
-  CITY BOUNDARY
-  BUILDING AT RISK
-  SUNNY_DAY_BREACH_ZONE



The methods used to develop the inundation zone and floodwave arrival time are approximate and should only be used as a guidance for establishing evacuation zones. Actual areas inundated will depend on failure and pre-failure hydrologic conditions, and may differ significantly from the information shown on these maps.

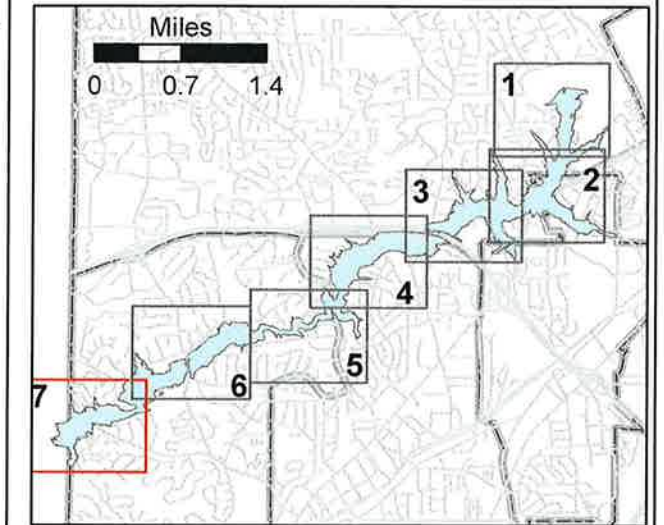
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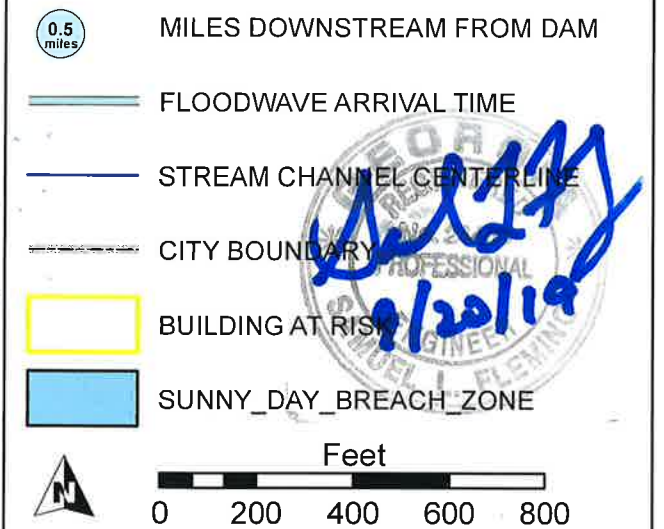
SCOTT CANDLER NO. 1 & NO. 2 DAM FAILURE

Panel 7 of 7

PANEL LOCATOR

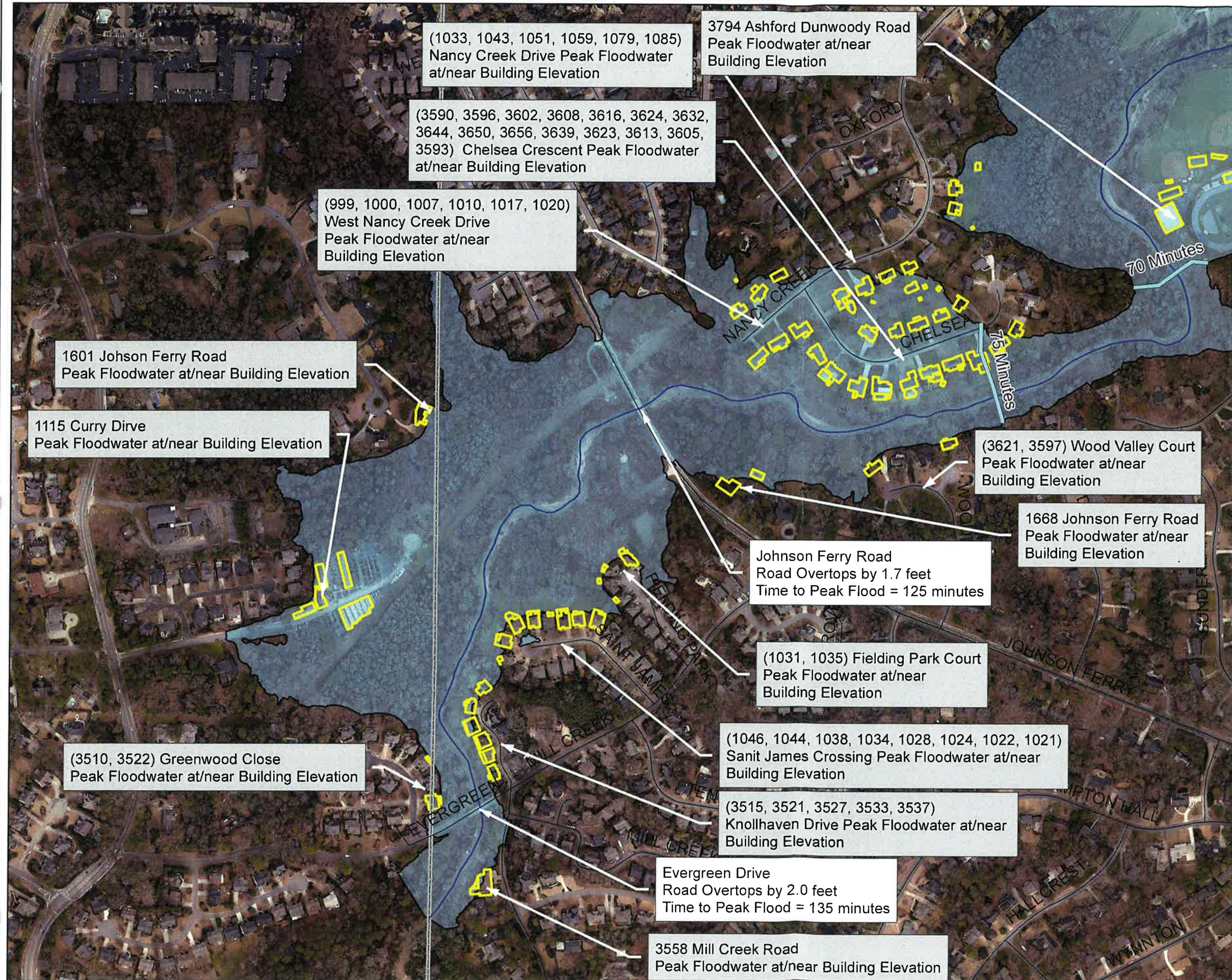


LEGEND



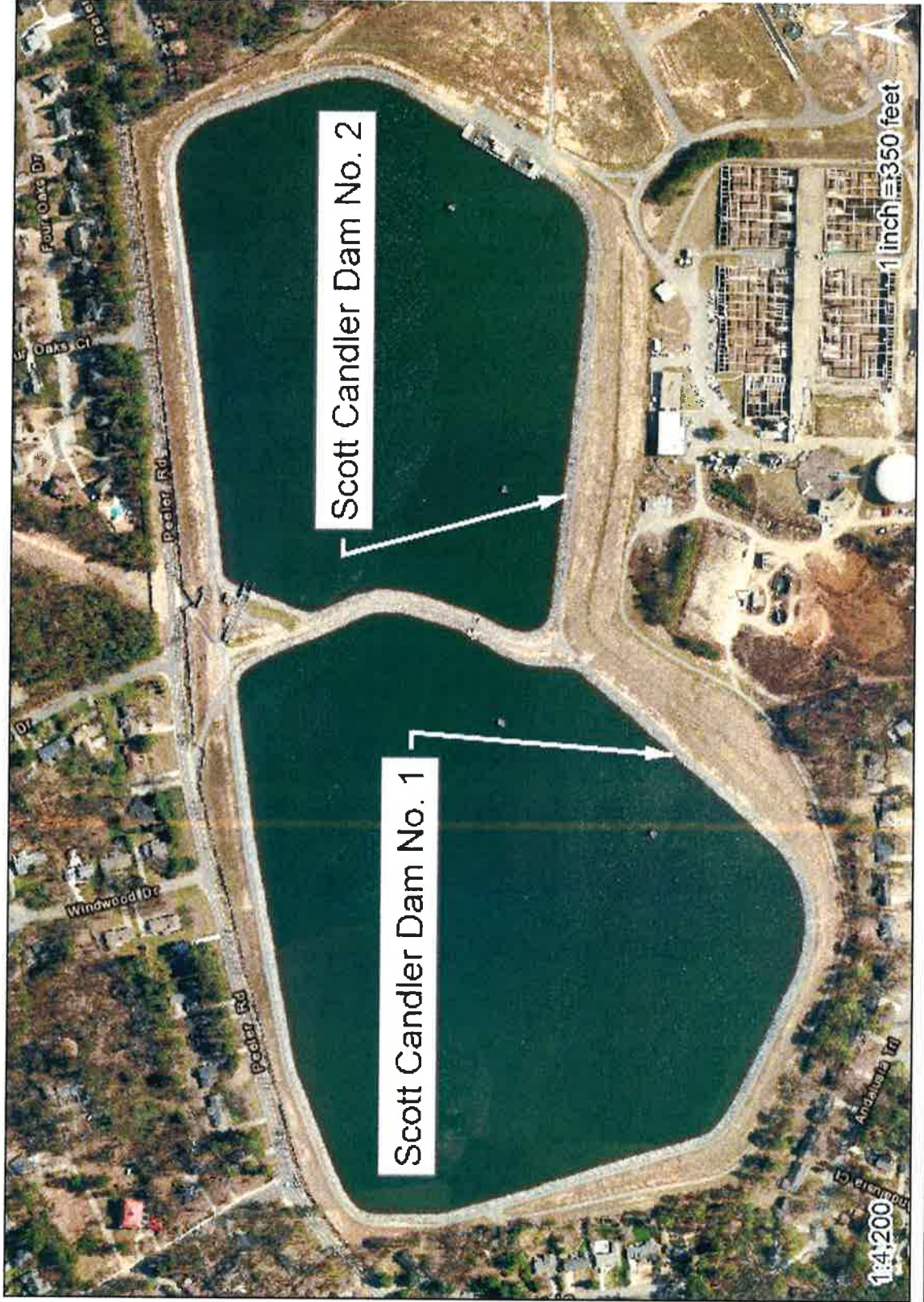
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Appendix B-3

Plan View of Dam



Appendix B-4

Residents/Businesses/Highways at Risk

Appendix B-4A

Scott Candler Reservoir #1 Failure ONLY

A major flood caused by a sudden breach of the dam is estimated to inundate 210 homes, and 14 road crossings. These homes (marked on the Location and Vicinity Maps) are located north of I-285 along Nancy Creek in Dunwoody.

Multiple instances of the same address in the table below represent an individual structure, i.e. apartments.

Resident/business	Address	Distance downstream from dam (mi)	Travel time* (min)	Max water depth above footprint (ft.)
DeKalb County	2746 Laurelwood Road	500 ft.	Instantly	5
DeKalb County	2746 Laurelwood Road	550 ft.	Instantly	5
DeKalb County	2746 Laurelwood Road	600 ft.	Instantly	7
DeKalb County	2746 Laurelwood Road	600 ft.	Instantly	4
DeKalb County	2746 Laurelwood Road	650 ft.	Instantly	6
DeKalb County	2746 Laurelwood Road	650 ft.	Instantly	<1
DeKalb County	2746 Laurelwood Road	700 ft.	Instantly	<1
Jeffrey Scott Morris	2658 Stonehenge Court	700 ft.	Instantly	<1
DeKalb County	2746 Laurelwood Road	750 ft.	Instantly	<1
DeKalb County	2746 Laurelwood Road	750 ft.	Instantly	<1
Robert D Kwasha	2704 Laurelwood Road	1,600 ft.	Instantly	12
Kevin David Korth Doris Bryant King Korth	2696 Laurelwood Road	1,650 ft.	Instantly	<1
Laurelwood Road		1,700 ft.	Instantly	16
Carol H Watts	4606 Sudbury Road	1,750 ft.	Instantly	20
Donald F Soderberg Sally L Soderberg	4607 Sudbury Road	1,800 ft.	Instantly	<1
Kirk Thrower Viator Keiko Kanbara Viator	2705 Laurelwood Road	1,800 ft.	Instantly	21
Linda Carol Miller	4599 Sudbury Road	1,850 ft.	Instantly	3

Resident/business	Address	Distance downstream from dam (mi)	Travel time* (min)	Max water depth above footprint (ft.)
Lisa M Stewart	4598 Sudbury Road	1,850 ft.	Instantly	16
Kyle Harrigan Blair Harrigan	2695 Laurelwood Road	1,950 ft.	Instantly	20
Billy N Brinkely	4590 Sudbury Road	1,950 ft.	Instantly	18
John Anthony	4611 Holliston Road	2,000 ft.	Instantly	2
Ken Mccreary Jennifer Mccreary	4582 Sudbury Road	2,050 ft.	5	17
Larry Russell White Connie White	4603 Holliston Road	2,100 ft.	5	5
David Wade Hitt Susan Claire Burnett Hitt	4576 Sudbury Road	2,150 ft.	5	18
James M Allison	4597 Holliston Road	2,200 ft.	5	7
Lillian Tyrrell	4568 Sudbury Road	2,300 ft.	5	16
Ronald D Collins Jacqueline G Collins	4589 Holliston Road	2,350 ft.	5	7
Jonathan Holmgren Ruby Holmgren	4561 Sudbury Road	2,400 ft.	5	<1
Julie Kegley	4581 Holliston Road	2,400 ft.	5	<1
Eisenmesser Elizabeth McDonough	4560 Sudbury Road	2,450 ft.	5	18
Cullen W McClure Laney C McClure	4551 Sudbury Road	2,550 ft.	5	5
Michael T Lugo Linsey Renee Addington	4571 Holliston Road	2,550 ft.	5	2
Matthew W Loew Nuria Candel	4552 Sudbury Road	2,550 ft.	5	18
Valverde David Feli Andrade Sandra Maria Risco Munoz	4546 Sudbury Road	0.50	5	19
Matthew V Panaro	4543 Sudbury Road	0.50	5	8
Amberly Drive		0.55	5	9
Susan J McCleskey	4533 Sudbury Road	0.55	5	11
Elizabeth A Bellus John E Bellus Jr	4530 Sudbury Road	0.55	5	16
Helen Penelope Brasington	4567 Amberly Court South	0.55	5	8
Robert J Worsnop	4525 Sudbury Road	0.55	5	14
Jeanette Dicamillo Sean Bailey	4561 Amberly Court South	0.55	5	7
Henry D Pearson Frances Pearson	2659 Amberly Drive	0.55	5	12
Joseph H Kraft	4557 Amberly Court South	0.55	5	7
Private Road		0.55	5	4

Resident/business	Address	Distance downstream from dam (mi)	Travel time* (min)	Max water depth above footprint (ft.)
Frederic Grobety Elizabeth Rawson Grobety	4519 Sudbury Road	0.55	5	13
Sudbury Road		0.55	5	14
Theresa L Cohen	2724 East Sudbury Court	0.55	5	12
Thomas M Hanlon Ann M Hanlon	2718 East Sudbury Court	0.55	5	13
David G Robinson Gloria J Robinson	2710 East Sudbury Court	0.55	5	13
Pamela Berkosky	4513 Sudbury Road	0.55	5	12
Mark D Franciscus Zoe A Franciscus	4520 Sudbury Road	0.60	5	17
David A Robinson Mary H Robinson	4535 West Sudbury Court	0.60	5	19
Nancy M Berlin	4533 Holliston Road	0.60	5	11
William Charles Tinsley Margaret Kathryn Hughes	4527 West Sudbury Court	0.60	5	19
Ryan J Aschauer Ashley L Aschauer	4523 Holliston Road	0.60	10	18
Houston White III Lynda K White	4530 Holliston Road	0.60	10	6
Lindsey G Vaughn Jr Janye T Vaughn	4526 West Sudbury Court	0.65	10	<1
Katz Donna Maples	4519 West Sudbury Court	0.65	10	17
Whitney Arellano Mahlon Mitchell	4515 Holliston Road	0.65	10	19
Kevin Larson Lindsay Larson	4511 West Sudbury Court	0.65	10	18
Carisa Quijano	4518 West Sudbury Court	0.65	10	2
Conrado Marion-Landais Melissa Marion-Landais	4514 Holliston Road	0.70	10	15
Josephine B Tschirhart	4522 Holliston Road	0.70	10	10
Joseph Masters Amanda Masters	2620 Amberly Drive	0.70	10	11
Christopher M Miranda	2619 Amberly Drive	0.70	10	7
Auden L Grumet	4503 West Sudbury Court	0.70	10	19
Donald P Redmond Cherryl S Redmond	4510 West Sudbury Court	0.70	10	12

Resident/business	Address	Distance downstream from dam (mi)	Travel time* (min)	Max water depth above footprint (ft.)
William J Linkous III	2623 Laurelwood Road	0.70	10	4
Stephen M Piper Elizabeth Davis	2610 Amberly Drive	0.70	10	9
Amberly Drive		0.70	10	6
Jason Woulfin Staci Silverman	2615 Laurelwood Road	0.70	10	6
Andrew D Brown Anna J Russell	2635 Binghamton Drive	0.70	10	20
Misty D Cato	2607 Amberly Drive	0.70	10	15
Carl M Hyde Jr	2634 Binghamton Drive	0.70	10	14
Frank W Kirkland	4497 West Sudbury Court	0.70	10	19
Jeffrey Alan Cook	4501 West Sudbury Court	0.70	10	18
Joshua M Petty Kristi Lyn Topham Petty	2633 Binghamton Drive	0.70	10	18
Joan Griffin	2628 Binghamton Drive	0.70	10	6
Katherine Weems Calvert	2627 Binghamton Drive	0.75	10	2
Sharmin Islam	2670 Homeland Drive	0.75	10	3
Mark A Young Amanda Lee Campbell	2664 Homeland Drive	0.75	10	17
George I Bennett Jean S Bennett	2658 Homeland Drive	0.75	10	25
Trotter Enterprises LLC	2614 Chestnut Drive	0.80	10	3
Trotter Enterprises LLC	2628 Homeland Drive	0.80	10	9
Trotter Enterprises LLC	2614 Chestnut Drive	0.80	10	3
John Matthew Huey April L Anderson	2657 Homeland Drive	0.80	10	5
Robert Gillespie Haolin Hu	2649 Homeland Drive	0.85	10	19
Federico Rosales Garcia Juana Esquivel	2641 Homeland Drive	0.85	10	21
Life Storage LP	4427 Tilly Mill Road	0.85	10	10
Life Storage LP	4427 Tilly Mill Road	0.90	10	10
Life Storage LP	4427 Tilly Mill Road	0.90	10	10
Peachtree Industrial Blvd		0.95	10	8

Resident/business	Address	Distance downstream from dam (mi)	Travel time* (min)	Max water depth above footprint (ft.)
Charles R Mion John J Mion Sr	6475 Peachtree Industrial Boulevard	0.95	10	2
Peachtree Industrial Blvd		0.95	10	7
Charles R Mion John J Mion Sr	6475 Peachtree Industrial Boulevard	0.95	10	<1
Life Storage LP	4427 Tilly Mill Road	0.95	10	20
Charles R Mion John J Mion Sr	6471 Peachtree Industrial Boulevard	0.95	10	9
Charles R Mion John J Mion Sr	6475 Peachtree Industrial Boulevard	0.95	10	2
Promised Land Atl LLC	6477 Peachtree Industrial Boulevard	0.95	10	11
Peachtree Industrial Blvd		0.95	10	9
RJV Corporation	6479 Peachtree Industrial Boulevard	0.95	10	9
RJV Corp	6481 Peachtree Industrial Boulevard	0.95	10	12
Savitri Enterprises Inc	6400 Peachtree Industrial Boulevard	0.95	10	15
Life Storage LP	4427 Tilly Mill Road	0.95	10	10
Life Storage LP	4427 Tilly Mill Road	0.95	10	16
Savitri Enterprises Inc	6400 Peachtree Industrial Boulevard	0.95	10	26
Patty Tello	2715 Chicopee Drive	0.95	10	8
Chaudhry M Akram	2765 Chicopee Drive	0.95	10	<1
A R Brooks Enterprises Inc	6399 Peachtree Industrial Boulevard	0.95	10	7
A R Brooks Enterprises Inc	6399 Peachtree Industrial Boulevard	0.95	10	9
Life Storage LP	4427 Tilly Mill Road	0.95	10	11
Larry E Stephens	4401 Tilly Mill Road	1.00	10	19
Mohd A Sattar	2724 Beacon Drive	1.00	10	10
Dorothy Helen Lynch	2728 Beacon Drive	1.00	10	2
Thomas D Mauldin	4429 Tilly Mill Road	1.00	15	3
Life Storage LP	4427 Tilly Mill Road	1.00	15	11
Waffle House Inc	4371 Tilly Mill Road	1.00	15	6

Resident/business	Address	Distance downstream from dam (mi)	Travel time* (min)	Max water depth above footprint (ft.)
Tilly Mill Road		1.00	15	18
Tracy Rodriguez	4430 Tilly Mill Road	1.00	15	6
Robert F Bailey	4430 Tilly Mill Road	1.05	15	16
Life Property Management LLC	4426 Tilly Mill Road	1.05	15	18
Capital Realty Solutions LLC	4430 Tilly Mill Road	1.05	15	16
Brad C Prudhomme	4430 Tilly Mill Road	1.05	15	<1
Jonathan R Ordway	4430 Tilly Mill Road	1.05	15	15
Rustam II Inc	6380 Peachtree Industrial Boulevard	1.05	15	9
Covington Realty Investments LLC	4430 Tilly Mill Road	1.10	15	2
Wyndham Creek LLC	4430 Tilly Mill Road	1.10	15	7
Wyndham Creek LLC	4430 Tilly Mill Road	1.10	15	4
Wyndham Creek LLC	4430 Tilly Mill Road	1.15	15	10
Dunwoody Realty Ventures II	4430 Tilly Mill Road	1.15	15	5
Dunwoody Realty Ventures II	4430 Tilly Mill Road	1.20	15	6
Dunwoody Realty Ventures II	4430 Tilly Mill Road	1.25	15	6
Brave Acres LLC	2492 Ridgeway Drive	1.25	15	10
Grace Foronda-Passos	2482 Ridgeway Drive	1.30	15	10
Carl Guillen Laura Guillen	4364 Stonington Circle	1.30	15	7
David Gress	2478 Ridgeway Drive	1.30	15	9
Albert Chambers	4372 Stonington Circle	1.30	15	13
Laurin Nicole Griffith	4380 Stonington Circle	1.35	15	12
Israel Gutierrez Vargas Mederos Keyra	2472 Ridgeway Drive	1.35	15	2
Joseph R Dutton	4388 Stonington Circle	1.35	15	8
Jared Elliot III Linda S Elliot	4385 Stonington Circle	1.35	15	<1
Richard Burke Reynolds Alexandra Catherine Reynolds	4405 Stonington Circle	1.40	15	5
Jonathan Mark Bedford Giannina Smith Bedford	4425 Stonington Circle	1.40	15	<1
Ronald E Cofer	4396 Stonington Circle	1.40	15	20

Resident/business	Address	Distance downstream from dam (mi)	Travel time* (min)	Max water depth above footprint (ft.)
Christine Spence Michael Hammersmith	2468 Ridgeway Drive	1.40	15	9
Michael C Degance Cathy Degance	4452 Stonington Circle	1.40	20	<1
Susan M Christy	2475 Stonington Road	1.40	20	<1
Richard Barsky Donna L Owens	2470 Stonington Road	1.40	20	10
Scott Voigt Emily Voigt	2471 Brookhurst Drive	1.40	20	<1
James R Cope Jennifer Rittenhouse Cope	4444 Stonington Circle	1.40	20	11
David S Bell Jennifer W Bell	2467 Stonington Road	1.40	20	12
Gavin Desnoyers Amanda K Desnoyers	4436 Stonington Circle	1.40	20	13
Michele Lynn Federer Michael David Federer	4406 Stonington Circle	1.40	20	16
Stonington Road		1.40	20	9
Brookhurst Drive		1.40	20	3
Phyllis G Stallman	2463 Brookhurst Drive	1.40	20	6
Melissa Manning	4412 Stonington Circle	1.40	20	14
Michael F Herb Kathryn T McClymond	2462 Stonington Road	1.40	20	9
John E Barnett	4428 Stonington Circle	1.40	20	16
Lauren Walsh Strese	4420 Stonington Circle	1.40	20	15
Steven E Winn Lisa A Winn	2459 Stonington Road	1.40	20	12
Gary R Betz Pamela J Betz	2453 Brookhurst Drive	1.40	20	3
Jean B Shapiro	2452 Brookhurst Drive	1.40	20	2
Harold Lee Jordan Susan Goodchild Jordan	2442 Brookhurst Drive	1.45	20	3
S William Kramer Julie Beth Kramer	2504 Kings Point Drive	1.45	20	<1
William Estes Amy D Estes	2496 Kings Point Drive	1.45	20	<1
Juan F Valdes	2464 Ridgeway Drive	1.45	20	9
Lisa Garmon	2394 Ridgeway Drive	1.45	20	<1

Resident/business	Address	Distance downstream from dam (mi)	Travel time* (min)	Max water depth above footprint (ft.)
Myra Elaine McCall	2400 Ridgeway Drive	1.45	20	3
Thom R Hollis Diana F Hollis	2404 Ridgeway Drive	1.45	20	5
Carmen Carit	2422 Ridgeway Drive	1.45	20	3
ARLP REO 400 LLC FYR SFR Borrower LLC	2410 Ridgeway Drive	1.45	20	8
Lawrence K Strott Betty L Strott	2418 Ridgeway Drive	1.45	20	4
Billy Ray Scyoc Youlanda Scyoc	2414 Ridgeway Drive	1.45	20	4
Deann M Hargis Mark D Kaminski	4328 Huntington Circle	1.45	20	7
Emily Knight	4363 Vintage Lane	1.50	20	23
Ralph Jordan	4377 Vintage Lane	1.50	20	12
Bruce S Smith Weston Smith	4371 Vintage Lane	1.50	20	23
SOF BD Owner LP	2382 Dunwoody Crossing	1.50	20	<1
SOF BD Owner LP	2382 Dunwoody Crossing	1.50	20	<1
SOF BD Owner LP	2382 Dunwoody Crossing	1.50	20	3
SOF BD Owner LP	2382 Dunwoody Crossing	1.50	20	8
SOF BD Owner LP	2382 Dunwoody Crossing	1.50	20	13
SOF BD Owner LP	2382 Dunwoody Crossing	1.50	20	8
SOF BD Owner LP	2382 Dunwoody Crossing	1.50	20	4
Benjamin David Weiss Audra Denise Hood Weiss	4380 Vintage Lane	1.55	20	<1
Mary K Guerrant Ted M Guerrant	4364 Vintage Lane	1.55	20	23
Tomoo Harada Noriko Harada	4372 Vintage Lane	1.55	20	14
Matthew Jed Morton Tiffany Nicole Morton	4352 Huntington Circle	1.55	20	12
Tejal Thakore	4360 Huntington Circle	1.60	20	10
SOF BD Owner LP	2382 Dunwoody Crossing	1.60	20	<1

Resident/business	Address	Distance downstream from dam (mi)	Travel time* (min)	Max water depth above footprint (ft.)
Julie Murphy Andrew Murphy	4368 Huntington Circle	1.60	20	6
Cynthia Dennis	4376 Huntington Circle	1.60	20	<1
SOF BD Owner LP	2382 Dunwoody Crossing	1.65	20	3
Wilma M Abernathy	4392 Huntington Circle	1.65	20	4
Price R Potter, Tr Terri G Potter, TR	4400 Huntington Circle	1.65	20	<1
Farhadul Islam	4410 Huntington Circle	1.65	20	3
Kings Point Circle		1.65	20	<1
Marla F Tandy	4405 Dunhaven Road	1.65	20	3
Patricia B Cloud	4369 East Kings Point Circle	1.65	20	6
SOF BD Owner LP	2270 Dunwoody Crossing	1.65	20	11
Wen Ching Liang	4351 East Kings Point Circle	1.65	20	<1
SOF BD Owner LP	2270 Dunwoody Crossing	1.70	25	9
SOF BD Owner LP	2270 Dunwoody Crossing	1.70	25	7
SOF BD Owner LP	2270 Dunwoody Crossing	1.70	25	3
SOF BD Owner LP	2270 Dunwoody Crossing	1.70	25	13
Dunwoody Crossing		1.70	25	12
SOF BD Owner LP	2313 Dunwoody Crossing	1.70	25	2
SOF BD Owner LP	2313 Dunwoody Crossing	1.75	25	12
SOF BD Owner LP	2311 Dunwoody Crossing	1.75	25	19
SOF BD Owner LP	2311 Dunwoody Crossing	1.75	25	4
SOF BD Owner LP	2311 Dunwoody Crossing	1.75	25	12
SOF BD Owner LP	2311 Dunwoody Crossing	1.80	25	18

Resident/business	Address	Distance downstream from dam (mi)	Travel time* (min)	Max water depth above footprint (ft.)
SOF BD Owner LP	2313 Dunwoody Crossing	1.80	25	6
SOF BD Owner LP	2311 Dunwoody Crossing	1.85	25	5
SOF BD Owner LP	2313 Dunwoody Crossing	1.90	25	4
SOF BD Owner LP	2311 Dunwoody Crossing	1.90	25	15
SOF BD Owner LP	2311 Dunwoody Crossing	1.90	25	3
SOF BD Owner LP	2311 Dunwoody Crossing	1.90	25	20
SOF BD Owner LP	2311 Dunwoody Crossing	1.90	25	<1
SOF BD Owner LP	2311 Dunwoody Crossing	1.95	25	15
Interstate Hwy 285 Off Ramp		2.00	25	10
LJG North Peachtree LLC	4301 North Peachtree Road	2.10	25	<1

* Estimated time for breach wave (peak) to travel from dam to downstream locations

Basis for computation of evacuation area and flooding depths

Breach inundation study completed by Dewberry – February 2015

Hydraulic model used: HEC-RAS v. 4.1 (routing)

Model assumptions:

- “Sunny Day” Breach (no inflow into the reservoir)
- Water surface elevation in reservoir prior to breach = top of dam
- Footprint elevation is assumed to be coincidental with adjacent ground elevation created from DeKalb County 2010 LiDAR

Appendix B-4B

Scott Candler Reservoir #2 Failure ONLY

A major flood caused by a sudden breach of the dam is estimated to inundate 142 homes, and 11 road crossings. These homes (marked on the Location and Vicinity Maps) are located north of I-285 along Nancy Creek in Dunwoody.

Multiple instances of the same address in the table below represent an individual structure, i.e. apartments.

Resident/business	Address	Distance downstream from dam (mi)	Travel time* (min)	Max water depth above footprint (ft.)
DeKalb County	2746 Laurelwood Road	350 ft.	Instantly	14
DeKalb County	2746 Laurelwood Road	350 ft.	Instantly	11
DeKalb County	2746 Laurelwood Road	350 ft.	Instantly	3
DeKalb County	2746 Laurelwood Road	550 ft.	Instantly	4
DeKalb County	2746 Laurelwood Road	650 ft.	Instantly	<1
DeKalb County	2746 Laurelwood Road	650 ft.	Instantly	6
DeKalb County	2746 Laurelwood Road	700 ft.	Instantly	4
DeKalb County	2746 Laurelwood Road	700 ft.	Instantly	<1
DeKalb County	2746 Laurelwood Road	750 ft.	Instantly	6
DeKalb County	2746 Laurelwood Road	850 ft.	Instantly	4
DeKalb County	2746 Laurelwood Road	900 ft.	Instantly	2
Robert D Kwasha	2704 Laurelwood Road	1,950 ft.	5	8
Laurelwood Road		2,050 ft.	5	12
Carol H Watts	4606 Sudbury Road	2,100 ft.	5	16
Kirk Thrower Viator Keiko Kanbara Viator	2705 Laurelwood Road	2,150 ft.	5	16
Lisa M Stewart	4598 Sudbury Road	2,200 ft.	5	12
Kyle Harrigan Blair Harrigan	2695 Laurelwood Road	2,250 ft.	5	16
Billy N Brinkely	4590 Sudbury Road	2,250 ft.	5	15
Ken Mccreary Jennifer Mccreary	4582 Sudbury Road	2,350 ft.	5	14
Larry Russell White Connie White	4603 Holliston Road	2,400 ft.	5	2

Resident/business	Address	Distance downstream from dam (mi)	Travel time* (min)	Max water depth above footprint (ft.)
David Wade Hitt Susan Claire Burnett Hitt	4576 Sudbury Road	2,500 ft.	5	15
James M Allison	4597 Holliston Road	2,550 ft.	5	4
Lillian Tyrrell	4568 Sudbury Road	2,600 ft.	5	13
Ronald D Collins Jacqueline G Collins	4589 Holliston Road	0.50	5	3
Eisenmesser Elizabeth McDonough	4560 Sudbury Road	0.50	5	15
Cullen W McClure Laney C McClure	4551 Sudbury Road	0.55	5	2
Matthew W Loew Nuria Candel	4552 Sudbury Road	0.55	5	15
Valverde David Feli Andrade Sandra Maria Risco Munoz	4546 Sudbury Road	0.55	10	16
Matthew V Panaro	4543 Sudbury Road	0.55	10	6
Amberly Drive		0.60	10	7
Susan J Mccleskey	4533 Sudbury Road	0.60	10	8
Elizabeth A Bellus John E Bellus Jr	4530 Sudbury Road	0.60	10	14
Helen Penelope Brasington	4567 Amberly Court South	0.60	10	5
Jeanette Dicamillo Sean Bailey	4561 Amberly Court South	0.60	10	3
Henry D Pearson Frances Pearson	2659 Amberly Drive	0.60	10	10
Robert J Worsnop	4525 Sudbury Road	0.60	10	12
Joseph H Kraft	4557 Amberly Court South	0.60	10	5
Private Road		0.60	10	<1
Thomas M Hanlon Ann M Hanlon	2718 East Sudbury Court	0.60	10	11
David G Robinson Gloria J Robinson	2710 East Sudbury Court	0.60	10	11
Theresa L Cohen	2724 East Sudbury Court	0.65	10	9
Sudbury Road		0.65	10	12
Frederic Grobety Elizabeth Rawson Grobety	4519 Sudbury Road	0.65	10	11
Pamela Berkosky	4513 Sudbury Road	0.65	10	9
Mark D Franciscus Zoe A Franciscus	4520 Sudbury Road	0.65	10	15

Resident/business	Address	Distance downstream from dam (mi)	Travel time* (min)	Max water depth above footprint (ft.)
David A Robinson Mary H Robinson	4535 West Sudbury Court	0.65	10	16
Nancy M Berlin	4533 Holliston Road	0.65	10	8
William Charles Tinsley Margaret Kathryn Hughes	4527 West Sudbury Court	0.65	10	17
Ryan J Aschauer Ashley L Aschauer	4523 Holliston Road	0.70	10	15
Katz Donna Maples	4519 West Sudbury Court	0.70	10	15
Joseph Masters Amanda Masters	2620 Amberly Drive	0.70	10	8
William J Linkous III	2623 Laurelwood Road	0.70	10	<1
Houston White III Lynda K White	4530 Holliston Road	0.70	10	4
Whitney Arellano Mahlon Mitchell	4515 Holliston Road	0.70	10	16
Kevin Larson Lindsay Larson	4511 West Sudbury Court	0.70	10	16
Christopher M Miranda	2619 Amberly Drive	0.70	10	4
Stephen M Piper Elizabeth Davis	2610 Amberly Drive	0.70	10	5
Carisa Quijano	4518 West Sudbury Court	0.70	10	<1
Jason Woulfin Staci Silverman	2615 Laurelwood Road	0.70	10	3
Amberly Drive		0.70	10	3
Conrado Marion-Landais Melissa Marion-Landais	4514 Holliston Road	0.75	10	13
Misty D Cato	2607 Amberly Drive	0.75	10	12
Josephine B Tschirhart	4522 Holliston Road	0.75	10	9
Auden L Grumet	4503 West Sudbury Court	0.75	10	17
Donald P Redmond Cherryl S Redmond	4510 West Sudbury Court	0.75	10	9
Frank W Kirkland	4497 West Sudbury Court	0.75	10	16
DeKalb County	2746 Laurelwood Road	0.75	10	12
Jeffrey Alan Cook	4501 West Sudbury Court	0.75	10	15
Carl M Jr Hyde	2634 Binghamton Drive	0.75	10	10

Resident/business	Address	Distance downstream from dam (mi)	Travel time* (min)	Max water depth above footprint (ft.)
Joan Griffin	2628 Binghamton Drive	0.75	10	2
Andrew D Brown Anna J Russell	2635 Binghamton Drive	0.75	10	17
Joshua M Petty Kristi Lyn Topham Petty	2633 Binghamton Drive	0.80	10	14
Sharmin Islam	2670 Homeland Drive	0.80	15	<1
Mark A Young Amanda Lee Campbell	2664 Homeland Drive	0.80	15	14
George I Bennett Jean S Bennett	2658 Homeland Drive	0.80	15	22
Trotter Enterprises LLC	2614 Chestnut Drive	0.85	15	<1
Trotter Enterprises LLC	2628 Homeland Drive	0.85	15	6
John Matthew Huey April L Anderson	2657 Homeland Drive	0.90	15	<1
Robert Gillespie Haolin Hu	2649 Homeland Drive	0.90	15	16
Federico Rosales Garcia Juana Esquivel	2641 Homeland Drive	0.90	15	17
Life Storage LP	4427 Tilly Mill Road	0.95	15	7
Life Storage LP	4427 Tilly Mill Road	0.95	15	7
Life Storage LP	4427 Tilly Mill Road	0.95	15	6
Peachtree Industrial Blvd Access		1.00	15	4
Peachtree Industrial Blvd		1.00	15	3
Charles R Mion John J Mion Sr	6471 Peachtree Industrial Boulevard	1.00	15	6
Life Storage LP	4427 Tilly Mill Road	1.00	15	16
Promised Land Atl LLC	6477 Peachtree Industrial Boulevard	1.00	15	7
Peachtree Industrial Blvd Access		1.00	15	5
RJV Corp	6481 Peachtree Industrial Boulevard	1.00	15	8
RJV Corporation	6479 Peachtree Industrial Boulevard	1.00	15	4
Savitri Enterprises Inc	6400 Peachtree Industrial Boulevard	1.00	15	11
Life Storage LP	4427 Tilly Mill Road	1.00	15	6
Life Storage LP	4427 Tilly Mill Road	1.05	15	12

Resident/business	Address	Distance downstream from dam (mi)	Travel time* (min)	Max water depth above footprint (ft.)
Savitri Enterprises Inc	6400 Peachtree Industrial Boulevard	1.05	15	22
Patty Tello	2715 Chicopee Drive	1.05	15	4
A R Brooks Enterprises Inc	6399 Peachtree Industrial Boulevard	1.05	15	3
A R Brooks Enterprises Inc	6399 Peachtree Industrial Boulevard	1.05	15	5
Life Storage LP	4427 Tilly Mill Road	1.05	15	6
Larry E Stephens	4401 Tilly Mill Road	1.05	15	15
Mohd A Sattar	2724 Beacon Drive	1.05	15	5
Life Storage LP	4427 Tilly Mill Road	1.05	15	7
Waffle House Inc	4371 Tilly Mill Road	1.05	15	2
Tilly Mill Road		1.05	15	13
Tracy Rodriguez	4430 Tilly Mill Road	1.10	15	<1
Robert F Bailey	4430 Tilly Mill Road	1.10	15	12
Annie B Fried	4426 Tilly Mill Road	1.10	15	14
Capital Realty Solutions LLC	4430 Tilly Mill Road	1.10	15	11
Jonathan R Ordway	4430 Tilly Mill Road	1.15	15	11
Rustam II Inc	6380 Peachtree Industrial Boulevard	1.15	15	5
Wyndham Creek LLC	4430 Tilly Mill Road	1.15	20	4
Wyndham Creek LLC	4430 Tilly Mill Road	1.15	20	<1
Wyndham Creek LLC	4430 Tilly Mill Road	1.20	20	6
Dunwoody Realty Ventures II	4430 Tilly Mill Road	1.20	20	3
Braves Acres LLC	2492 Ridgeway Drive	1.35	20	2
Grace Foronda-Passos	2482 Ridgeway Drive	1.35	20	2
Carl Guillen Laura Guillen	4364 Stonington Circle	1.35	20	<1
David Gress	2478 Ridgeway Drive	1.40	20	<1
Albert Chambers	4372 Stonington Circle	1.40	20	5
Laurin Nicole Griffith	4380 Stonington Circle	1.40	20	4
Joseph R Dutton	4388 Stonington Circle	1.40	20	<1
James R Cope Jennifer Rittenhouse Cope	4444 Stonington Circle	1.45	20	3
Ronald E Cofer	4396 Stonington Circle	1.45	20	12

Resident/business	Address	Distance downstream from dam (mi)	Travel time* (min)	Max water depth above footprint (ft.)
Gavin Desnoyers Amanda K Desnoyers	4436 Stonington Circle	1.45	25	6
John E Barnett	4428 Stonington Circle	1.45	25	8
Christine Spence Michael Hammersmith	2468 Ridgeway Drive	1.45	25	<1
Lauren Walsh Strese	4420 Stonington Circle	1.45	25	8
David S Bell Jennifer W Bell	2467 Stonington Road	1.45	25	4
Melissa Manning	4412 Stonington Circle	1.45	25	7
Stonington Road		1.45	25	<1
Michele Lynn Federer Michael David Federer	4406 Stonington Circle	1.45	25	8
Steven E Winn Lisa A Winn	2459 Stonington Road	1.45	25	4
Juan F Valdes	2464 Ridgeway Drive	1.50	25	<1
ARLP REO 400 LLC FYR SFR Borrower LLC	2410 Ridgeway Drive	1.50	25	<1
Emily Knight	4363 Vintage Lane	1.55	25	15
Ralph Jordan	4377 Vintage Lane	1.55	25	4
Bruce S Smith Weston Smith	4371 Vintage Lane	1.55	25	15
SOF BD Owner LP	2382 Dunwoody Crossing	1.55	25	4
Mary K Guerrant Ted M Guerrant	4364 Vintage Lane	1.60	25	15
Tomoo Harada Noriko Harada	4372 Vintage Lane	1.60	25	6
Matthew Jed Morton Tiffany Nicole Morton	4352 Huntington Circle	1.65	25	4
Tejal Thakore	4360 Huntington Circle	1.65	25	2
SOF BD Owner LP	2270 Dunwoody Crossing	1.75	25	3
SOF BD Owner LP	2270 Dunwoody Crossing	1.75	25	<1
SOF BD Owner LP	2270 Dunwoody Crossing	1.75	25	5
Dunwoody Crossing		1.75	25	4
SOF BD Owner LP	2313 Dunwoody Crossing	1.80	30	4

Resident/business	Address	Distance downstream from dam (mi)	Travel time* (min)	Max water depth above footprint (ft.)
SOF BD Owner LP	2311 Dunwoody Crossing	1.80	30	11
SOF BD Owner LP	2311 Dunwoody Crossing	1.80	30	5
SOF BD Owner LP	2311 Dunwoody Crossing	1.85	30	9
SOF BD Owner LP	2311 Dunwoody Crossing	1.95	30	7
SOF BD Owner LP	2311 Dunwoody Crossing	2.00	30	12
SOF BD Owner LP	2311 Dunwoody Crossing	2.00	30	6

* Estimated time for breach wave (peak) to travel from dam to downstream locations

Basis for computation of evacuation area and flooding depths

Breach inundation study completed by Dewberry – February 2015

Hydraulic model used: HEC-RAS v. 4.1 (routing)

Model assumptions:

- “Sunny Day” Breach (no inflow into the reservoir)
- Water surface elevation in reservoir prior to breach = top of dam
- Footprint elevation is assumed to be coincidental with adjacent ground elevation created from DeKalb County 2010 LiDAR

Appendix B–4C

BOTH Scott Candler Reservoirs #1 & #2 Failure

A major flood caused by a sudden breach of the dam is estimated to inundate 506 homes, and 34 road crossings. These homes (marked on the Location and Vicinity Maps) are located along Nancy Creek for a stretch of 6.2 miles downstream of dams in DeKalb County.

Multiple instances of the same address in the table below represent an individual structure, i.e. apartments.

Resident/business	Address	Distance downstream from dam (mi)	Travel time* (min)	Max water depth above footprint (ft.)
DeKalb County	2746 Laurelwood Road	200 ft.	Instantly	12
DeKalb County	2746 Laurelwood Road	200 ft.	Instantly	4
DeKalb County	2746 Laurelwood Road	200 ft.	Instantly	11

DeKalb County	2746 Laurelwood Road	200 ft.	Instantly	14
DeKalb County	2746 Laurelwood Road	500 ft.	Instantly	7
DeKalb County	2746 Laurelwood Road	500 ft.	Instantly	9
DeKalb County	2746 Laurelwood Road	600 ft.	Instantly	10
DeKalb County	2746 Laurelwood Road	600 ft.	Instantly	4
DeKalb County	2746 Laurelwood Road	650 ft.	Instantly	11
DeKalb County	2746 Laurelwood Road	650 ft.	Instantly	10
DeKalb County	2746 Laurelwood Road	650 ft.	Instantly	5
DeKalb County	2746 Laurelwood Road	700 ft.	Instantly	11
DeKalb County	2746 Laurelwood Road	900 ft.	Instantly	5
Jeffrey Scott Morris	2658 Stonehenge Court	950 ft.	Instantly	4
DeKalb County	2746 Laurelwood Road	1,050 ft.	Instantly	5
Troy David Bradhan Clarrisa C Bradham	2657 Stonehenge Court	1,100 ft.	Instantly	<1
DeKalb County	2746 Laurelwood Road	1,150 ft.	Instantly	3
DeKalb County	2746 Laurelwood Road	1,300 ft.	Instantly	<1
John C Fleckenstein Family Trust	2672 Stonehenge Place	1,700 ft.	Instantly	<1
John Michael Moss Stephanie Kenney Moss	2669 Stonehenge Place	1,800 ft.	Instantly	5
John R Lathram	2663 Stonehenge Place	1,850 ft.	5	3
Robert T Groome Janice E Hull	2690 Laurelwood Road	1,900 ft.	5	<1
Robert D Kwasha	2704 Laurelwood Road	1,900 ft.	5	17
Kevin David Korth Doris Bryant King Korth	2696 Laurelwood Road	1,900 ft.	5	7
Laurelwood Road		2,000 ft.	5	22
David William Tanner	2733 Laurelwood Road	2,000 ft.	5	5
Carol H Watts	4606 Sudbury Road	2,050 ft.	5	28
Donald F Soderberg Sally L Soderberg	4607 Sudbury Road	2,100 ft.	5	7
Kirk Thrower Viator Keiko Kanbara Viator	2705 Laurelwood Road	2,100 ft.	5	26
Linda Carol Miller	4599 Sudbury Road	2,100 ft.	5	9
Lisa M Stewart	4598 Sudbury Road	2,150 ft.	5	23

Pablo Armando Chavez De Oliveira Allyn Mueller	4591 Sudbury Road	2,200 ft.	5	<1
Kyle Harrigan Blair Harrigan	2695 Laurelwood Road	2,200 ft.	5	25
Billy N Brinkely	4590 Sudbury Road	2,250 ft.	5	24
John Anthony	4611 Holliston Road	2,250 ft.	5	7
Julie Kegley	4581 Sudbury Road	2,250 ft.	5	2
Ken McCreary Jennifer McCreary	4582 Sudbury Road	2,350 ft.	5	22
Larry Russell White Connie White	4603 Holliston Road	2,400 ft.	5	10
David Wade Hitt Susan Claire Burnett Hitt	4576 Sudbury Road	2,450 ft.	5	25
James M Allison	4597 Holliston Road	2,500 ft.	5	11
Theophilus P Hanson III	4569 Sudbury Road	2,550 ft.	5	3
Lillian Tyrrell	4568 Sudbury Road	2,600 ft.	5	22
Ronald D Collins Jacqueline G Collins	4589 Holliston Road	2,650 ft.	5	11
Jonathan Holmgren Ruby Holmgren	4561 Sudbury Road	0.50	5	6
Julie Kegley	4581 Holliston Road	0.50	5	6
Eisenmesser Elizabeth McDonough	4560 Sudbury Road	0.50	5	25
Cullen W McClure Laney C McClure	4551 Sudbury Road	0.55	5	12
Michael T Lugo Linsey Renee Addington	4571 Holliston Road	0.55	5	7
Matthew W Loew Nuria Candel	4552 Sudbury Road	0.55	5	25
William F Miller III	4563 Holliston Road	0.55	5	3
Valverde David Feli Andrade Sandra Maria Risco Munoz	4546 Sudbury Road	0.55	5	26
Matthew V Panaro	4543 Sudbury Road	0.55	5	17
Thomas M Dougherty Patricia L Dougherty	4555 Holliston Road	0.55	5	<1
Amberly Drive		0.60	5	16
Susan J McCleskey	4533 Sudbury Road	0.60	5	18
Elizabeth A Bellus John E Bellus Jr	4530 Sudbury Road	0.60	5	24
Pilar Diller	4569 Amberly Court South	0.60	5	3
Robert J Worsnop	4525 Sudbury Road	0.60	5	21
Dolan F Bursaw Cheryl L Bursaw	4556 Amberly Court South	0.60	5	<1
Helen Penelope Brasington	4567 Amberly Court South	0.60	5	15
Dunwoody Glen Apartments LLC	6800 Peachtree Industrial Boulevard	0.60	5	<1

Henry D Pearson Frances Pearson	2659 Amberly Drive	0.60	5	18
Sterling Lacota LLC	6648 Peachtree Industrial Boulevard	0.60	5	<1
Private Road		0.60	5	10
Jeanette Dicamillo Sean Bailey	4561 Amberly Court South	0.60	5	11
Joseph H Kraft	4557 Amberly Court South	0.60	5	15
Frederic Grobety Elizabeth Rawson Grobety	4519 Sudbury Road	0.60	5	20
Sterling Lacota LLC	6648 Peachtree Industrial Boulevard	0.60	5	2
Sudbury Road		0.60	5	21
Sterling Lacota LLC	6648 Peachtree Industrial Boulevard	0.60	5	5
David G Robinson Gloria J Robinson	2710 East Sudbury Court	0.60	5	19
Pamela Berkosky	4513 Sudbury Road	0.60	5	17
Dunwoody Glen Apartments LLC	6750 Peachtree Industrial Boulevard	0.60	5	2
Thomas M Hanlon Ann M Hanlon	2718 East Sudbury Court	0.65	5	20
Theresa L Cohen	2724 East Sudbury Court	0.65	5	18
Justin Wayne Brewer	2730 East Sudbury Court	0.65	5	<1
Mark D Franciscus Zoe A Franciscus	4520 Sudbury Road	0.65	5	24
David A Robinson Mary H Robinson	4535 West Sudbury Court	0.65	5	25
Nancy M Berlin	4533 Holliston Road	0.65	5	16
Neville B Coltman Lynette Coltman	4502 Sudbury Road	0.65	5	2
William Charles Tinsley Margaret Kathryn Hughes	4527 West Sudbury Court	0.65	5	25
Ryan J Aschauer Ashley L Aschauer	4523 Holliston Road	0.70	5	24
Houston White III Lynda K White	4530 Holliston Road	0.70	5	13
Lindsey G Vaughn Jr Janye T Vaughn	4526 West Sudbury Court	0.70	5	6
Katz Donna Maples	4519 West Sudbury Court	0.70	5	24
Whitney Arellano Mahlon Mitchell	4515 Holliston Road	0.70	5	24

Kevin Larson Lindsay Larson	4511 West Sudbury Court	0.70	5	24
Carisa Quijano	4518 West Sudbury Court	0.70	5	9
Conrado Marion-Landais Melissa Marion-Landais	4514 Holliston Road	0.75	5	22
Neal Allen Osborn	2628 Amberly Drive	0.75	5	2
Josephine B Tschirhart	4522 Holliston Road	0.75	5	17
Auden L Grumet	4503 West Sudbury Court	0.75	5	26
Christopher M Miranda	2619 Amberly Drive	0.75	5	14
Joseph Masters Amanda Masters	2620 Amberly Drive	0.75	5	17
Donald P Redmond Cherryl S Redmond	4510 West Sudbury Court	0.75	5	19
William J Linkous III	2623 Laurelwood Road	0.75	5	11
Amberly Drive		0.75	5	12
Jermaine A Walker	2608 Laurelwood Road	0.75	5	7
Stephen M Piper Elizabeth Davis	2610 Amberly Drive	0.75	5	13
Laurelwood Road		0.75	5	<1
Andrew D Brown Anna J Russell	2635 Binghamton Drive	0.75	5	25
Misty D Cato	2607 Amberly Drive	0.75	5	20
Mark E Benson	4610 Brierwood Place	0.75	5	5
Jason Woulfin Staci Silverman	2615 Laurelwood Road	0.75	5	12
Frank W Kirkland	4497 West Sudbury Court	0.75	5	25
Carl M Jr Hyde	2634 Binghamton Drive	0.75	5	18
Jeffrey Alan Cook	4501 West Sudbury Court	0.75	5	24
Randa E Barto Robert E Barto Jr	2597 Amberly Drive	0.75	5	3
Joshua M Petty Kristi Lyn Topham Petty	2633 Binghamton Drive	0.75	5	23
Joan Griffin	2628 Binghamton Drive	0.75	5	10
Katherine Weems Calvert	2627 Binghamton Drive	0.80	10	6
Boyce G Creel Brian Song	2676 Homeland Drive	0.80	10	<1
Sharmin Islam	2670 Homeland Drive	0.80	10	9
Mark A Young Amanda Lee Campbell	2664 Homeland Drive	0.80	10	23

George I Bennett Jean S Bennett	2658 Homeland Drive	0.80	10	31
Jonathan Layne Bush	4493 Binghamton Court	0.85	10	4
Trotter Enterprises LLC	2614 Chestnut Drive	0.85	10	10
Anna B Kaminer	4487 Binghamton Court	0.85	10	2
Samir Dehak	2667 Homeland Drive	0.85	10	<1
Trotter Enterprises LLC	2628 Homeland Drive	0.85	10	16
CAR AAG GA DOR LLC	2584 Chestnut Drive	0.85	10	<1
Trotter Enterprises LLC	2614 Chestnut Drive	0.85	10	5
John Matthew Huey April L Anderson	2657 Homeland Drive	0.90	10	11
Robert Gillespie Haolin Hu	2649 Homeland Drive	0.90	10	25
Federico Rosales Garcia Juana Esquivel	2641 Homeland Drive	0.90	10	27
Life Storage LP	4427 Tilly Mill Road	0.95	10	16
Life Storage LP	4427 Tilly Mill Road	0.95	10	15
Life Storage LP	4427 Tilly Mill Road	0.95	10	15
Jaybird Partners LLC	6485 Peachtree Industrial Boulevard	0.95	10	3
Charles R Mion John J Mion Sr	6475 Peachtree Industrial Boulevard	1.00	10	8
Peachtree Industrial Blvd		1.00	10	14
Peachtree Industrial Blvd		1.00	10	13
Charles R Mion John J Mion Sr	6475 Peachtree Industrial Boulevard	1.00	10	7
Charles R Mion John J Mion Sr	6471 Peachtree Industrial Boulevard	1.00	10	16
Life Storage LP	4427 Tilly Mill Road	1.00	10	26
Charles R Mion John J Mion Sr	6475 Peachtree Industrial Boulevard	1.00	10	9
Peachtree Industrial Blvd		1.00	10	15
Promised Land Atl LLC	6477 Peachtree Industrial Boulevard	1.00	10	17
Rjv Corp	6481 Peachtree Industrial Boulevard	1.00	10	18
Rjv Corporation	6479 Peachtree Industrial Boulevard	1.00	10	14
Savitri Enterprises Inc	6400 Peachtree Industrial Boulevard	1.00	10	21

Life Storage LP	4427 Tilly Mill Road	1.00	10	16
Life Storage LP	4427 Tilly Mill Road	1.00	10	22
Chicopee Drive		1.00	10	<1
Fermin Figueroa Bahena	2751 Chicopee Drive	1.00	10	3
Jacob Tarab	2759 Chicopee Drive	1.00	10	5
Chaudhry M Akram	2765 Chicopee Drive	1.00	10	6
William T Feldman	2771 Chicopee Drive	1.00	10	4
William West	2721 Chicopee Drive	1.00	10	3
J R Beckman Lee Beckman	2739 Chicopee Drive	1.00	10	5
Savitri Enterprises Inc	6400 Peachtree Industrial Boulevard	1.00	10	32
Patty Tello	2715 Chicopee Drive	1.00	10	15
William Prevost Joseph Prevost	2797 Chicopee Drive	1.00	10	<1
Jeffrey T Dear	2805 Chicopee Drive	1.00	10	3
A R Brooks Enterprises Inc	6399 Peachtree Industrial Boulevard	1.05	10	13
A R Brooks Enterprises Inc	6399 Peachtree Industrial Boulevard	1.05	10	15
Joseph Nureev	4282 Winters Chapel Road	1.05	10	<1
Eric D Martin	4276 Winters Chapel Road	1.05	10	<1
Life Storage LP	4427 Tilly Mill Road	1.05	10	16
Larry E Stephens	4401 Tilly Mill Road	1.05	10	25
Dorothy Helen Lynch	2728 Beacon Drive	1.05	10	8
Thomas D Mauldin	4429 Tilly Mill Road	1.05	10	9
Mohd A Sattar	2724 Beacon Drive	1.05	10	15
Life Storage LP	4427 Tilly Mill Road	1.05	10	17
Joshua D Feit Margarett Feit	2716 Beacon Drive	1.05	10	3
Zahid M Ali Jahanara Ali	2708 Beacon Drive	1.05	10	<1
Waffle House Inc	4371 Tilly Mill Road	1.05	10	12
Tilly Mill Road		1.05	10	23

Sam Rizk Yacoub Charlene Yocoub	4448 Tilly Mill Road	1.10	10	<1
Tracy Rodriguez	4430 Tilly Mill Road	1.10	10	12
Robert F Bailey	4430 Tilly Mill Road	1.10	10	22
Annie B Fried	4426 Tilly Mill Road	1.10	10	25
Capital Realty Solutions LLC	4430 Tilly Mill Road	1.10	10	21
Brad C Prudhomme	4430 Tilly Mill Road	1.10	10	6
Jonathan R Ordway	4430 Tilly Mill Road	1.10	10	21
Rustam II Inc	6380 Peachtree Industrial Boulevard	1.15	10	15
Covington Realty Investments L	4430 Tilly Mill Road	1.15	10	8
Wyndham Creek LLC	4430 Tilly Mill Road	1.15	10	12
Wyndham Creek LLC	4430 Tilly Mill Road	1.15	10	10
Wyndham Creek LLC	4430 Tilly Mill Road	1.20	15	16
Dunwoody Realty Ventures II	4430 Tilly Mill Road	1.20	15	13
Jonathan R Ordway	4430 Tilly Mill Road	1.20	15	3
Ridgeway Drive		1.25	15	2
Dunwoody Realty Ventures II	4430 Tilly Mill Road	1.25	15	14
Dunwoody Realty Ventures II	4430 Tilly Mill Road	1.30	15	5
Dunwoody Realty Ventures II	4430 Tilly Mill Road	1.30	15	14
Jimmy Wong	2491 Ridgeway Drive	1.30	15	<1
Brave Acres LLC	2492 Ridgeway Drive	1.35	15	16
Grace Foronda-Passos	2482 Ridgeway Drive	1.35	15	16
Maurice Moon Kyong Moon	4356 Stonington Circle	1.35	15	3
Carl Guillen Laura Guillen	4364 Stonington Circle	1.35	15	16
David Gress	2478 Ridgeway Drive	1.35	15	15
Albert Chambers	4372 Stonington Circle	1.40	15	22
Laurin Nicole Griffith	4380 Stonington Circle	1.40	15	20
Karen P Broth	4375 Stonington Circle	1.40	15	2

Israel Gutierrez Vargas Mederos Keyra	2472 Ridgeway Drive	1.40	15	9
Joseph R Dutton	4388 Stonington Circle	1.40	15	17
Jared Elliot III Linda S Elliot	4385 Stonington Circle	1.40	15	9
Charles Warren Hofer Judith R Millner Hofer	4445 Stonington Circle	1.45	15	<1
David Gress	2478 Stonington Road	1.45	15	6
Richard Burke Reynolds Alexandra Catherine Reynolds	4405 Stonington Circle	1.45	15	12
Jonathan Mark Bedford Giannina Smith Bedford	4425 Stonington Circle	1.45	15	8
Susan M Christy	2475 Stonington Road	1.45	15	8
Raymond C Humphrey Tabatha L Humphrey	4433 Stonington Circle	1.45	15	6
Michael C Degance Cathy Degance	4452 Stonington Circle	1.45	15	9
George Edelstein Nina Edelstein	2468 Brookhurst Drive	1.45	15	4
Scott Voigt Emily Voigt	2471 Brookhurst Drive	1.45	15	7
Richard Barsky Donna L Owens	2470 Stonington Road	1.45	15	18
Ronald E Cofer	4396 Stonington Circle	1.45	15	28
Christine Spence Michael Hammersmith	2468 Ridgeway Drive	1.45	15	16
James R Cope Jennifer Rittenhouse Cope	4444 Stonington Circle	1.45	15	18
David S Bell Jennifer W Bell	2467 Stonington Road	1.45	15	20
Brookhurst Drive		1.45	15	10
Melissa Manning	4412 Stonington Circle	1.45	15	22
Gavin Desnoyers Amanda K Desnoyers	4436 Stonington Circle	1.45	15	21
Stonington Road		1.45	15	16
Lauren Walsh Strese	4420 Stonington Circle	1.45	15	23
Phyllis G Stallman	2463 Brookhurst Drive	1.45	15	13
John E Barnett	4428 Stonington Circle	1.45	15	23
Michael F Herb Kathryn T McClymond	2462 Stonington Road	1.45	15	15
Michele Lynn Federer Michael David Federer	4406 Stonington Circle	1.45	15	23
Jean B Shapiro	2452 Brookhurst Drive	1.45	15	9

Steven E Winn Lisa A Winn	2459 Stonington Road	1.45	15	19
Gary R Betz Pamela J Betz	2453 Brookhurst Drive	1.45	15	10
Christopher M Ruegsegger Sandra Louise Jackson	2452 Stonington Road	1.45	15	5
Harold Lee Jordan Susan Goodchild Jordan	2442 Brookhurst Drive	1.45	15	10
Jerry L Davis	2449 Stonington Road	1.45	15	<1
John R Ruch Charles Tighe	2443 Brookhurst Drive	1.45	15	<1
S William Kramer Julie Beth Kramer	2504 Kings Point Drive	1.45	15	7
William Estes Amy D Estes	2496 Kings Point Drive	1.50	15	7
Maria Garcia-Solsrud	2488 Kings Point Drive	1.50	15	6
Jack C Minar Carlene M Minar	2468 Kings Point Drive	1.50	15	4
Douglas Q Moore	2480 Kings Point Drive	1.50	15	4
Juan F Valdes	2464 Ridgeway Drive	1.50	15	17
Atlanta Investment LLC	2458 Ridgeway Drive	1.50	15	7
Jeremy Todd Poppell Sandra L Poppell	2452 Ridgeway Drive	1.50	15	7
Matthew Reagan	2390 Ridgeway Drive	1.50	15	<1
Richard Breitkopf Judith Wellen Breitkopf	4320 Huntington Circle	1.50	15	4
Roy J Nida Norma J Nida	2446 Ridgeway Drive	1.50	15	6
David William Stewart Sandra S Stewart	2440 Ridgeway Drive	1.50	15	<1
Lisa Garmon	2394 Ridgeway Drive	1.50	15	8
Carver Circle		1.50	15	2
Myra Elaine Mccall	2400 Ridgeway Drive	1.50	15	11
Cleston B Torrey Conna H Torrey	2428 Ridgeway Drive	1.50	15	5
Carmen Carit	2422 Ridgeway Drive	1.50	15	11
Thom R Hollis Diana F Hollis	2404 Ridgeway Drive	1.50	15	13
Lawrence K Strott Betty L Strott	2418 Ridgeway Drive	1.50	15	11
Billy Ray Scyoc Youlanda Scyoc	2414 Ridgeway Drive	1.50	15	12
ARLP REO 400 LLC FYR SFR Borrower LLC	2410 Ridgeway Drive	1.50	15	15

Arroyo Capital I LLC	4197 Carver Circle	1.50	20	2
Deann M Hargis Mark D Kaminski	4328 Huntington Circle	1.55	20	13
Emily Knight	4363 Vintage Lane	1.55	20	30
Ralph Jordan	4377 Vintage Lane	1.55	20	20
Bruce S Smith Weston Smith	4371 Vintage Lane	1.55	20	30
Glenn S Caracappa Jennifer J Caracappa	4301 Huntington Circle	1.55	20	3
SOF BD Owner LP	2382 Dunwoody Crossing	1.55	20	9
SOF BD Owner LP	2382 Dunwoody Crossing	1.55	20	8
Deanne B Mcdougall David G McDougall	4309 Huntington Circle	1.55	20	4
SOF BD Owner LP	2382 Dunwoody Crossing	1.55	20	13
Suetta T Carrigan	4325 Huntington Circle	1.55	20	4
SOF BD Owner LP	2382 Dunwoody Crossing	1.55	20	14
SOF BD Owner LP	2382 Dunwoody Crossing	1.55	20	7
SOF BD Owner LP	2382 Dunwoody Crossing	1.55	20	16
SOF BD Owner LP	2382 Dunwoody Crossing	1.55	20	3
SOF BD Owner LP	2382 Dunwoody Crossing	1.55	20	11
Benjamin David Weiss Audra Denise Hood Weiss	4380 Vintage Lane	1.60	20	8
Mary K Guerrant Ted M Guerrant	4364 Vintage Lane	1.60	20	30
Tomoo Harada Noriko Harada	4372 Vintage Lane	1.60	20	22
SOF BD Owner LP	2382 Dunwoody Crossing	1.60	20	6
Carol Beam Clark Estate	4347 Huntington Circle	1.65	20	2
Matthew Jed Morton Tiffany Nicole Morton	4352 Huntington Circle	1.65	20	19
Kimberly L Leick Jodie Sue Gilfillan	4355 Huntington Circle	1.65	20	<1
Tejal Thakore	4360 Huntington Circle	1.65	20	17
SOF BD Owner LP	2382 Dunwoody Crossing	1.65	20	8
Julie Murphy Andrew Murphy	4368 Huntington Circle	1.65	20	13

Cynthia Dennis	4376 Huntington Circle	1.65	20	8
SOF BD Owner LP	2382 Dunwoody Crossing	1.70	20	9
Thomas Jr Franey	4384 Huntington Circle	1.70	20	7
Wilma M Abernathy	4392 Huntington Circle	1.70	20	11
Potter Price R, Tr Terri G Potter, Tr	4400 Huntington Circle	1.70	20	8
Sean B Teichert Candice M Teichert	4432 Huntington Circle	1.70	20	2
John L Ashe II Charles Rusin	4386 East Kings Point Circle	1.70	20	6
Farhadul Islam	4410 Huntington Circle	1.70	20	10
Ellen P Sanders	4482 Haverstraw Drive	1.70	20	2
Linwood G Koger Iantha Angela Koger	4474 Haverstraw Drive	1.70	20	7
Kings Point Circle		1.70	20	7
Patricia B Cloud	4369 East Kings Point Circle	1.70	20	11
Marla F Tandy	4405 Dunhaven Road	1.70	20	8
William Thomas Jr Melonie Thomas	4413 Dunhaven Road	1.70	20	<1
SOF BD Owner LP	2270 Dunwoody Crossing	1.70	20	18
Wen Ching Liang	4351 East Kings Point Circle	1.75	20	8
Israel Amrani Itamar Amrani	4341 East Kings Point Circle	1.75	20	<1
SOF BD Owner LP	2270 Dunwoody Crossing	1.75	20	16
SOF BD Owner LP	2270 Dunwoody Crossing	1.75	20	13
SOF BD Owner LP	2270 Dunwoody Crossing	1.75	20	3
SOF BD Owner LP	2270 Dunwoody Crossing	1.75	20	9
SOF BD Owner LP	2270 Dunwoody Crossing	1.75	20	19
SOF BD Owner LP	2270 Dunwoody Crossing	1.75	20	2
Dunwoody Crossing		1.75	20	19
SOF BD Owner LP	2313 Dunwoody Crossing	1.75	20	8

SOF BD Owner LP	2313 Dunwoody Crossing	1.80	20	18
SOF BD Owner LP	2311 Dunwoody Crossing	1.80	20	26
SOF BD Owner LP	2311 Dunwoody Crossing	1.80	20	10
SOF BD Owner LP	2311 Dunwoody Crossing	1.80	20	19
SOF BD Owner LP	2311 Dunwoody Crossing	1.85	20	6
SOF BD Owner LP	2311 Dunwoody Crossing	1.85	25	25
SOF BD Owner LP	2313 Dunwoody Crossing	1.85	25	12
SOF BD Owner LP	2311 Dunwoody Crossing	1.90	25	11
SOF BD Owner LP	2313 Dunwoody Crossing	1.95	25	11
SOF BD Owner LP	2311 Dunwoody Crossing	1.95	25	22
SOF BD Owner LP	2311 Dunwoody Crossing	1.95	25	10
SOF BD Owner LP	2311 Dunwoody Crossing	1.95	25	26
SOF BD Owner LP	2311 Dunwoody Crossing	1.95	25	8
SOF BD Owner LP	2311 Dunwoody Crossing	2.00	25	21
Fatima Alibhai LLC	4369 North Peachtree Road	2.00	25	2
Fatima Alibhai LLC	4369 North Peachtree Road	2.00	25	3
Interstate Hwy 285 Off Ramp		2.05	25	16
ACV Chamblee LLC	10 Perimeter Park Drive	2.15	25	<1
LJG North Peachtree LLC	4301 North Peachtree Road	2.15	25	14
Bellsouth Mobility LLC Cingular Wireless	2210 Perimeter Park Drive	2.15	25	7
Asbell Investments Inc	4291 North Peachtree Road	2.15	25	10
Asbell Investments Inc	4291 North Peachtree Road	2.15	25	10

Asbell Investments Inc	4291 North Peachtree Road	2.15	25	10
Asbell Investments Inc	4291 North Peachtree Road	2.20	25	11
Perimeter Park Drive		2.20	25	12
Asbell Investments Inc	4291 North Peachtree Road	2.20	25	10
Rrf Perimeter LLC	4251 North Peachtree Road	2.20	25	2
North Peachtree Road		2.20	25	12
Georgia Alabama Commercial Inv	4308 North Peachtree Road	2.20	25	9
Georgia Alabama Commercial Inv	4308 North Peachtree Road	2.20	25	8
MHK Group LLC	2211 Savoy Drive	2.25	25	10
VCA Real Property Acquisition C	4280 North Peachtree Road	2.25	25	6
RE Dunwoody Holdings LLC	4211 North Shallowford Road	2.25	25	7
Southern Automatic Co	2201 Savoy Drive	2.25	25	9
Morguard Savoy Apartments LLC	4306 North Peachtree Road	2.25	25	14
Southern Automatic Co	2197 Savoy Drive	2.30	25	9
RE Dunwoody Holdings LLC	4211 North Shallowford Road	2.30	25	6
Fair Lanes North Atl Prop Inc	2175 Savoy Drive	2.30	25	13
RE Dunwoody Holdings LLC	4211 North Shallowford Road	2.30	25	7
RE Dunwoody Holdings LLC	4211 North Shallowford Road	2.35	25	<1
RE Dunwoody Holdings LLC	4211 North Shallowford Road	2.40	25	<1
Opal Hospitality Management LLC	2165 Savoy Drive	2.40	25	15
RE Dunwoody Holdings LLC	4211 North Shallowford Road	2.40	30	6
RE Dunwoody Holdings LLC	4211 North Shallowford Road	2.40	30	5
RE Dunwoody Holdings LLC	4211 North Shallowford Road	2.40	30	7
Savoy Drive		2.45	30	13
RE Dunwoody Holdings LLC	4211 North Shallowford Road	2.45	30	6
PHH Investments	2159 Savoy Drive	2.45	30	13

RE Dunwoody Holdings LLC	4211 North Shallowford Road	2.45	30	5
Papa Johns USA Inc	2151 Savoy Drive	2.50	30	8
RE Dunwoody Holdings LLC	4211 North Shallowford Road	2.50	30	9
RE Dunwoody Holdings LLC	4211 North Shallowford Road	2.50	30	<1
RE Dunwoody Holdings LLC	4211 North Shallowford Road	2.50	30	3
RE Dunwoody Holdings LLC	4211 North Shallowford Road	2.55	30	5
JK Winery II LLC	2101 Savoy Drive	2.60	30	10
RE Dunwoody Holdings LLC	4211 North Shallowford Road	2.60	30	4
Mad House LLC	2089 Savoy Drive	2.60	30	8
TME Enterprises I Ltd	2081 Savoy Drive	2.65	30	5
RE Dunwoody Holdings LLC	4211 North Shallowford Road	2.65	30	6
DLPS Investments LLC	4301 North Shallowford Road	2.65	30	6
DLPS Investments LLC	2071 Savoy Drive	2.65	30	4
DLPS Investments LLC	4301 North Shallowford Road	2.65	30	8
Shallowford Road		2.70	30	10
Morguard Savoy Apartments LLC	4306 North Shallowford Road	2.70	30	15
Richard Wong Tinh Vuong	4238 Commodore Drive	2.70	30	5
William F Youtt	4228 Commodore Drive	2.70	30	7
Ivor Omar Delara	4222 Commodore Drive	2.75	30	9
Joseph John Slattery III Christy Leigh Slattery	4214 Commodore Drive	2.75	30	8
Michael M Williamson	4208 Commodore Drive	2.75	30	10
James Ronald Broadway Barbara B Broadway	4202 Commodore Drive	2.80	30	10
Cesar Toledo Cruz	4194 Commodore Drive	2.80	30	9
Camden Creekstone LLC	1959 Savoy Drive	2.80	30	3
Lillian L Maas Edward B Mass	1992 Royal Court	2.80	30	15
Edward E Wightman Thomas R Decourval	2000 Royal Court	2.80	30	15

Nicole Christine Leet	4186 Commodore Drive	2.80	30	10
Charles Peter Kandzierski Tara Lea Miller	1980 Royal Court	2.80	30	13
Shui Cheung Au Mei Yin Tse Au	4178 Commodore Drive	2.85	30	9
Bonnie Deloach	1974 Royal Court	2.85	30	<1
Frederick L Mozzo Alice A Mozzo	1966 Royal Court	2.85	35	<1
Stephen G Gough	4172 Commodore Drive	2.85	35	10
Matthew S Maskell	1960 Royal Court	2.85	35	6
William F Youngblood Brittany Amber Boyer	1954 Royal Court	2.85	35	7
Charles F Coxé	4166 Commodore Drive	2.85	35	11
John Wright Dahlia Wright	1957 Royal Court	2.85	35	13
Camden Creekstone LLC	1959 Savoy Drive	2.85	35	<1
Julie Anne Gerlach Jeffrey Lawrence Gerlach	1946 Royal Court	2.85	35	2
Laura S Coltman	4160 Commodore Drive	2.85	35	7
Scott D Suarez Eliza S Suarez	1966 Queens Way	2.90	35	14
Betty Jo Wall	1958 Queens Way	2.90	35	8
Marye W Fincher Roger L Fincher	4154 Commodore Drive	2.90	35	4
C David Wood Adalene M Wood	1943 Queens Way	2.90	35	3
John D Grier Judy T Grier	1983 Queens Way	2.90	35	16
Ronald Grant Reppert Helen Brooke Reppert	1951 Queens Way	2.90	35	10
Tam Trung Ha	1969 Queens Way	2.90	35	13
Janet E Pierce	1959 Queens Way	2.90	35	11
Paul A Mistretta Susan H Mistretta	4148 Commodore Drive	2.95	35	6
Jack R Spangler Allison S Spangler	2007 Gainsborough Drive	2.95	35	9
Gainsborough Club Inc	1961 Gainsborough Drive	2.95	35	17
Lloyd William Uselton Peggy Janice Uselton	1999 Gainsborough Drive	2.95	35	12
Scott Chatley Ashley Chatley	1983 Gainsborough Drive	2.95	35	15

Kathleen Jones Watkins	1971 Gainsborough Drive	2.95	35	14
DeKalb County	1991 Gainsborough Drive	2.95	35	14
Wendyh Switek Thornton	4142 Commodore Drive	2.95	35	5
Kevin C Danna	2006 Gainsborough Drive	2.95	35	9
Jason Andrew Ianitello Chelsea Fletcher Ianitello	1998 Gainsborough Drive	3.00	35	14
David G Cohen Shana M Cohen	1990 Gainsborough Drive	3.00	35	15
John Raymond Edwards III	4136 Commodore Drive	3.00	35	9
Ronald Weber Neta Weber	4130 Commodore Drive	3.00	35	<1
Lee L Chern Nazgol Adili	1900 Chancery Lane	3.00	35	<1
Melissa James	1936 Gainsborough Drive	3.00	35	14
Elizabeth C Taylor	1906 Chancery Lane	3.05	35	11
Gainsborough Drive		3.05	35	15
John Raymond Edwards III	4122 Commodore Drive	3.05	35	10
Frankie J Sheffield	1920 Gainsborough Drive	3.05	35	14
Viola Ellis Baxter	1890 Gainsborough Drive	3.05	35	<1
Mary B Pettit Jackson L Pettit	1905 Gainsborough Drive	3.05	35	12
Richard D Anderson Mary L Anderson	1893 Gainsborough Drive	3.10	35	4
David L Meyer	1890 Connemara Drive	3.10	35	5
Jeffrey L Jennings	1894 Connemara Drive	3.10	35	4
Dianne Marstall	1898 Connemara Drive	3.10	35	4
Private Driveway		3.35	40	9
Chamblee Dunwoody Road		3.40	40	6
David J Lofe	4116 Dyouville Trace	3.60	40	4
William J Orrok Jr Katherine D Caldwell	4112 Dyouville Trace	3.60	40	7
Thomas Munroe	1973 Afond Court	3.65	40	2
Dennis Buttimer Angela Buttimer	4104 Dyouville Trace	3.65	40	8

Dyouville Terrace		3.65	45	11
Bonnie Boerema John Boerema	3935 Ensign Court	3.70	45	<1
Joy Allison Chaffin Jonathan M Chaffin	1893 Dyouville Lane	3.80	50	<1
John T Boney	1842 Winchester Trail	3.90	50	2
Finite Resources Trust	1838 Winchester Trail	3.90	50	6
Dallas L Jones Jones Suzel Wyvill	1868 Dyouville Lane	3.95	50	2
Rita K Noonan	1841 Dyouville Lane	4.00	55	<1
Brian W King	1758 Colt Drive	4.00	55	2
Thomas P Orle	1748 Colt Drive	4.00	55	<1
Victoria M Carter	1838 Dyouville Lane	4.05	55	9
Dyouville Lane		4.05	55	4
Ann Frazer Verner Jack D Verner Sr	1734 Colt Drive	4.05	55	4
Brenda F Hamblen	1765 Colt Drive	4.10	55	<1
Naomi S Jabaley	1735 Colt Drive	4.10	55	10
Todd A Copilevitz	1749 Colt Drive	4.10	55	7
Steven Tabor	1788 Remington Road	4.10	55	2
City of Brookhaven	1551 West Nancy Creek Drive	4.65	55	8
City of Brookhaven	1551 West Nancy Creek Drive	4.65	55	7
Glencrest Court		4.70	55	3
City of Brookhaven	1551 West Nancy Creek Drive	4.70	55	8
City of Brookhaven	1551 West Nancy Creek Drive	4.70	60	8
City of Brookhaven	1551 West Nancy Creek Drive	4.70	60	8
Michele L Boutaugh	3911 Glencrest Court	4.75	1 hr 0 min	<1
City of Brookhaven	1551 West Nancy Creek Drive	4.75	1 hr 0 min	6
City of Brookhaven	1551 West Nancy Creek Drive	4.80	1 hr 0 min	10
City of Brookhaven	1551 West Nancy Creek Drive	4.80	1 hr 0 min	8
City of Brookhaven	1551 West Nancy Creek Drive	4.80	1 hr 0 min	5

City of Brookhaven	1551 West Nancy Creek Drive	4.80	1 hr 0 min	9
Jason Kreuzer Kathryn Fillio	3937 Glencrest Court	4.85	1 hr 0 min	2
Zachary Milner Meredith Garcia	3939 Glencrest Court	4.85	1 hr 0 min	<1
City of Brookhaven	1551 West Nancy Creek Drive	4.85	1 hr 0 min	9
City of Brookhaven	1551 West Nancy Creek Drive	4.85	1 hr 0 min	10
Gregg R Codelli Natalie G Codelli	3941 Glencrest Court	4.85	1 hr 0 min	<1
Michelle Y Rivers Robert E Rivers III	3848 Fox Glen Court	5.00	1 hr 0 min	<1
Ashford Lake Condominium Assoc	3940 Ashford Lake Court	5.10	1 hr 0 min	3
Margaret Amelia Francher	3924 Ashford Lake Court	5.10	1 hr 0 min	11
Steven Michael Goedjen Jessica Ann Lord	3913 Ashford Lake Court	5.15	1 hr 0 min	3
James A Smith Rebecca N Smith	3920 Ashford Lake Court	5.15	1 hr 0 min	3
Susan W Watson	3912 Ashford Lake Court	5.15	1 hr 0 min	2
Susan G Moray	3798 Ashford Lake Court	5.20	1 hr 0 min	3
Ayush Chadha Anurika Arora	3794 Ashford Lake Court	5.20	1 hr 0 min	<1
Isadora Harper	3782 Ashford Lake Court	5.25	1 hr 0 min	3
Ashford Lake Condominium Assoc	0 Ashford Lake Court	5.25	1 hr 0 min	3
Ashford Dunwoody Road		5.30	1 hr 0 min	<1
Marist Society Of Atlanta	3794 Ashford Dunwoody Road	5.45	1 hr 5 min	3
Private Bridge Crossing		5.50	1 hr 5 min	9
Marist Society Of Atlanta	3794 Ashford Dunwoody Road	5.55	1 hr 5 min	<1
Private Bridge Crossing		5.60	1 hr 5 min	9
Marist Society Of Atlanta	3794 Ashford Dunwoody Road	5.60	1 hr 5 min	9

Jennifer B Bredemeier Matthew G Bredemeier	1254 West Nancy Creek Drive	5.60	1 hr 5 min	<1
Kurt Briesacher Elizabeth A Shaw	3816 West Nancy Creek Place	5.60	1 hr 5 min	3
Michael Wayne Porter	1257 West Nancy Creek Drive	5.60	1 hr 5 min	<1
Michael Chance Page	3827 West Nancy Creek Court	5.65	1 hr 5 min	4
Miguel A Guzman Susan E Guzman	3817 West Nancy Creek Court	5.65	1 hr 5 min	<1
Jerry G Lowery Adriana A Lowery	1232 West Nancy Creek Drive	5.65	1 hr 5 min	<1
West Nancy Creek Drive		5.65	1 hr 5 min	3
Alan D Hollander	1243 West Nancy Creek Drive	5.65	1 hr 5 min	4
Charles Martin Wesley	1222 West Nancy Creek Drive	5.65	1 hr 5 min	<1
Claude S Rankin Catherine C Rankin	1233 West Nancy Creek Drive	5.65	1 hr 5 min	5
Claude S Rankin Catherine C Rankin	1223 West Nancy Creek Drive	5.65	1 hr 5 min	2
Julian Nickell	1213 West Nancy Creek Drive	5.65	1 hr 5 min	<1
Dario J Lizcano Alison S Lizcano	1205 West Nancy Creek Drive	5.70	1 hr 5 min	<1
Marist Society Of Atlanta	3794 Ashford Dunwoody Road	5.70	1 hr 5 min	4
Jocelyn D Els Stephan W Els	1193 West Nancy Creek Drive	5.70	1 hr 5 min	<1
Marist Society Of Atlanta	3794 Ashford Dunwoody Road	5.75	1 hr 5 min	6
Marist Society Of Atlanta	3794 Ashford Dunwoody Road	5.80	1 hr 5 min	4
Marist Society Of Atlanta	3794 Ashford Dunwoody Road	5.85	1 hr 5 min	3
Mary Ann M Nama	1085 West Nancy Creek Drive	5.85	1 hr 10 min	4
Willie Earl Pasley Lenwood Elaine Pasley	1079 West Nancy Creek Drive	5.90	1 hr 10 min	5
Kimberly M Hensarling	3590 Chelsea Crescent	6.05	1 hr 15 min	<1
David Shanahan Melissa E Shanahan	1059 West Nancy Creek Drive	6.10	1 hr 15 min	<1

James Craig II	3596 Chelsea Crescent	6.10	1 hr 15 min	2
Dan G Hogan Debra Hogan	3602 Chelsea Crescent	6.10	1 hr 15 min	5
Eleni O Papadakis	1051 West Nancy Creek Drive	6.15	1 hr 15 min	2
Nancy N Perk	3593 Chelsea Crescent	6.15	1 hr 15 min	<1
Jordan Ziegenbein Elise Ziegenbein	3608 Chelsea Crescent	6.15	1 hr 15 min	5
Carole J Richardson	3605 Chelsea Crescent	6.15	1 hr 15 min	3
Patricia Crow Bartee	3597 Wood Valley Court	6.15	1 hr 15 min	<1
Todd Flaman Sarah Flaman	3616 Chelsea Crescent	6.15	1 hr 15 min	5
Gregory Lynn Underwood Lubamyra Maria Underwood	3613 Chelsea Crescent	6.15	1 hr 15 min	4
Keith Weller	3624 Chelsea Crescent	6.20	1 hr 15 min	5
Thomas R Barrows Janette G Barrows	3623 Chelsea Crescent	6.20	1 hr 15 min	4
Charles E Dixon Jr Betty J Dixon	1043 West Nancy Creek Drive	6.20	1 hr 15 min	5
Edward C Baldwin Sr Keely R Baldwin	3632 Chelsea Crescent	6.20	1 hr 15 min	5
Diane S Calloway	3621 Wood Valley Court	6.20	1 hr 15 min	2
William M Edwards Ann Marie D Edwards	3639 Chelsea Crescent	6.20	1 hr 15 min	4
Craft Jeanne A Co-Trustee Jeanne A Craft Living Trust	3644 Chelsea Crescent	6.25	1 hr 15 min	7
Thomas Leon Carnes III Catherine Carnes	1033 West Nancy Creek Drive	6.25	1 hr 15 min	4
Stephen Boda Whitney Boda	3650 Chelsea Crescent	6.25	1 hr 15 min	7
James R Stogner	3656 Chelsea Crescent	6.30	1 hr 15 min	6
Elizabeth C Williams	1017 West Nancy Creek Drive	6.30	1 hr 15 min	4
Susan Will Patrick	1020 West Nancy Creek Drive	6.30	1 hr 15 min	<1
Jane Matthews Conway	1007 West Nancy Creek Drive	6.30	1 hr 15 min	5

Jerome L Krieg Betty J Pollock	1010 West Nancy Creek Drive	6.30	1 hr 15 min	3
Connie J Kraft	999 West Nancy Creek Drive	6.35	1 hr 15 min	7
James C Byrd Betty Johnson Byrd Revocable	1000 West Nancy Creek Drive	6.35	1 hr 15 min	7
John A Limback	1668 Johnson Ferry Road	6.35	1 hr 15 min	<1
Johnson Ferry Road		6.45	1 hr 15 min	2
Scott David Sherris Fay Ann Sherris	1031 Fielding Park Court	6.55	1 hr 15 min	<1
Genaro A Rionda Rionda Sybille S Hogger	1601 Johnson Ferry Road	6.55	1 hr 15 min	<1
James D Siegler Sally J Siegler	1046 Saint James Crossing	6.60	1 hr 15 min	<1
Kweli A Moyo	1044 Saint James Crossing	6.60	1 hr 15 min	<1
Robert Schwartz	1038 Saint James Crossing	6.65	1 hr 15 min	<1
Todd A Brooks Delece A Brooks	1028 Saint James Crossing	6.65	1 hr 15 min	2
Trishanda Treadwell Derrick Treadwell	1024 Saint James Crossing	6.65	1 hr 15 min	3
John B Simmons David Scott Hudson Evelyn Taylor Arrendale	1022 Saint James Crossing	6.65	1 hr 15 min	2
Saul Nurseries	1115 Curry Drive	6.65	1 hr 15 min	8
Clifford Price Lesley Ann Price	3537 Knollhaven Drive	6.70	1 hr 15 min	10
Michael H Blank Rebecca A Kloss	3533 Knollhaven Drive	6.75	1 hr 15 min	7
Daniel Lee Smigrod Ann K Moceyunas	3527 Knollhaven Drive	6.75	1 hr 15 min	9
Daniel Lee Smigrod Ann K Moceyunas	3527 Knollhaven Drive	6.80	1 hr 15 min	2
Michael Morgan	3521 Knollhaven Drive	6.80	1 hr 15 min	2
Geza Kogler Pamela Kogler	3515 Knollhaven Drive	6.80	1 hr 15 min	4
Laurette Ho Vincent Ho	3510 Greenwood Close	6.80	1 hr 15 min	2
Evergreen Drive		6.85	1 hr 15 min	2

James Clay Webb	3558 Mill Creek Road	6.90	1 hr 15 min	7
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* Estimated time for breach wave (peak) to travel from dam to downstream locations

Basis for computation of evacuation area and flooding depths

Breach inundation study completed by Dewberry – February 2015

Hydraulic model used: HEC-RAS v. 4.1 (routing)

Model assumptions:

- “Sunny Day” Breach (no inflow into the reservoir)
- Water surface elevation in reservoir prior to breach = top of dam
- Footprint elevation is assumed to be coincidental with adjacent ground elevation created from DeKalb County 2010 LiDAR

Appendix B–5

National Inventory of Dams (NID) Data

Scott Candler Reservoir Dam #1

<p>Dam name: Scott Candler Reservoir Dam #1</p> <p>State: GA</p> <p>NID ID: GA01311</p> <p>Longitude: -84.28088</p> <p>Latitude: 33.93539</p> <p>Legal Description: Parcel ID: 06 279 01 001</p> <p>County: DeKalb</p> <p>Stream: Nancy Creek</p> <p>Nearest town: Dunwoody</p> <p>Distance to nearest town: In City</p> <p>Operator: DWM</p> <p>Year constructed: 1940, updated 1979</p> <p>Max. discharge: unknown</p> <p>Max. storage: 1296 acre-ft</p> <p>Normal storage: 1,143 acre-ft</p> <p>Surface area: 55 Acre</p> <p>Drainage area: 0.07 mi²</p> <p>Inspection frequency: 1 yr</p> <p>State-regulated?: Yes</p>	<p>State reg. agency: GA Safe Dams</p> <p>Federal funding: N/A</p> <p>Federal design: N/A</p> <p>Federal constructed: N/A</p> <p>Program authority: N/A</p> <p>Watershed No.: N/A</p> <p>Watershed name: Nancy Creek</p> <p>Service life: unknown</p> <p>O&M insp. resp.: Maintenance Manager, Scott Candler WFP</p> <p>O&M insp. current?: Yes</p> <p>Population at risk: >1</p> <p>Dam height: 55 ft</p> <p>Dam length: 3350 ft</p> <p>Dam volume: 1,142 acre feet</p> <p>Design hazard potential: Category I</p> <p>Current hazard potential: Category I</p> <p>Hazard potential class. year: N/A</p> <p>Sediment storage: N/A acre-ft</p> <p>Flood storage: N/A acre-ft</p> <p>Surcharge storage: N/A acre-ft</p> <p>Other storage: N/A acre-ft</p> <p>Principal spillway type: Drop Inlet</p> <p>Principal spillway conduit diameter: TBD</p> <p>Auxiliary spillway type: N/A</p> <p>Auxiliary spillway width: N/A</p>
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Scott Candler Reservoir Dam #2

<p>Dam name: Scott Candler Reservoir #2</p> <p>State: GA</p> <p>NID ID: GA00227</p> <p>Longitude: -84.27694</p> <p>Latitude: 33.93722</p> <p>Legal Description: Parcel ID: 06 279 01 001</p> <p>County: DeKalb</p> <p>Stream: Nancy Creek</p> <p>Nearest town: Dunwoody</p> <p>Distance to nearest town: In City</p> <p>Operator: DWM</p> <p>Year constructed: 1940, updated 1979 and 2003</p> <p>Max. discharge: unknown</p> <p>Max. storage: 839 acre-ft</p> <p>Normal storage: unknown</p> <p>Surface area: unknown acre</p> <p>Drainage area: 0.05 mi²</p> <p>Inspection frequency: 1 yr</p> <p>State-regulated?: Yes</p>	<p>State reg. agency: GA Safe Dams</p> <p>Federal funding: N/A</p> <p>Federal design: N/A</p> <p>Federal constructed: N/A</p> <p>Program authority: N/A</p> <p>Watershed No.: N/A</p> <p>Watershed name: Nancy Creek</p> <p>Service life: unknown</p> <p>O&M insp. resp.: Maintenance Manager, Scott Candler WFP</p> <p>O&M insp. current?: Yes</p> <p>Population at risk: >1</p> <p>Dam height: 59 ft</p> <p>Dam length: unknown ft</p> <p>Dam volume: 839 acre-ft</p> <p>Design hazard potential: Category I</p> <p>Current hazard potential: Category I</p> <p>Hazard potential class. year: N/A</p> <p>Sediment storage: N/A acre-ft</p> <p>Flood storage: N/A acre-ft</p> <p>Surcharge storage: N/A acre-ft</p> <p>Other storage: N/A acre-ft</p> <p>Principal spillway type: unknown</p> <p>Principal spillway conduit diameter: unknown</p> <p>Auxiliary spillway type: N/A</p> <p>Auxiliary spillway width: N/A</p>
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