



REPLY TO  
ATTENTION OF:

DEPARTMENT OF THE ARMY  
SAVANNAH DISTRICT, CORPS OF ENGINEERS  
1590 ADAMSON PARKWAY, SUITE 200  
MORROW, GEORGIA 30260-1777

NOV 12 2015

Regulatory Division  
SAS-2015-00795

### JOINT PUBLIC NOTICE Savannah District/State of Georgia

The Savannah District has received an application for a Department of the Army Permit, pursuant to Section 404 of the Clean Water Act (33 U.S.C. 1344), as follows:

The comment period for the Department of the Army Permit application will close 30 days from the date of this public notice. Written comments, including suggestions for modifications or objections to the proposed work, stating reasons thereof, are being solicited from anyone having interest in this permit, and must be submitted so as to be received on or before the last day of the comment period. Written comments concerning the Department of the Army Permit application must reference the Applicant's name and the Permit Application Number, and be forwarded to the Corps of Engineers at the above address.

Application Number: SAS-2015-00795

Applicant: Mr. David Bonas  
Norfolk Southern Corporation  
1200 Peachtree Street  
Atlanta, Georgia 30309

Agent: Mr. Eric Nicoletti  
GT Hill Planners Corporation  
533 West Howard Avenue, Suite A2  
Decatur, Georgia 30030

Location of Proposed Work: The project site is the existing dam servicing Lakeside Reservoir, located along a Norfolk Southern Railroad line, immediately east of Jeffersonville Road, near the City of Macon, Bibb County, Georgia (latitude 32.8450, longitude -83.5777).

Description of Work Subject to the Jurisdiction of the U.S. Army Corps of Engineers:  
The proposed project involves the rehabilitation of the existing dam servicing Lakeside Reservoir, and is intended to safeguard continued use of the dam structure by Norfolk Southern Railroad. The proposed plan would shift the crest of the dam approximately 100 feet to the south of its current location. Proposed repairs include the clearing of vegetation located on the existing dam, including the removal of stumps, as well as the extension of the existing dam culvert by approximately 150 feet. Concurrent

with the widening of Jeffersonville Road, the existing Norfolk Southern Railroad tracks, located along the dam, will be realigned approximately 50 feet to the south to utilize a proposed bridged crossing to be constructed over Jeffersonville Road. The area below the dam will be re-graded to provide positive drainage, including the installation of sand chimneys and additional drainage systems. The entire length of the reach of Boggy Branch, between the dam and Jeffersonville Road, will also be channelized and stabilized with rip-rap stone.

Implementation of the proposed plan will result in the filling of approximately 1.52 acres of forested wetland, 0.55 acre of open water, and 115 linear feet of Boggy Branch. In order to offset the proposed impacts, the Applicant proposes to purchase 15.03 compensatory wetland mitigation credits and 535 compensatory stream mitigation credits from among the Snapfinger Creek, Little Sandy Creek and Wilkinson-Oconee Mitigation Banks, respectively.

## **BACKGROUND**

This Joint Public Notice announces a request for authorizations from both the U.S. Army Corps of Engineers and the State of Georgia. The Applicant's proposed work may also require local governmental approval.

Construction of the railroad bed, routed along the existing dam at Lakeside Reservoir, was completed in 1843. The historic dam was not built to current engineering and safety standards and has not been adequately maintained in the past decades. The existing slopes along the dam exceed a ratio of 2:1, and mature canopy trees have established along both embankment slopes. The area beginning at the down gradient toe-of-slope currently exhibits persistent seepage, as well as periodic flooding on the down gradient face of the dam. These conditions pose a potential dam breach hazard for both the Norfolk Southern Railroad Company and the surrounding community. Current Georgia Safe Dam design criteria require that the base of the dam be substantially widened and the embankment re-graded to 3:1 slopes, in order to comply with an Administrative Order issued by the State. The Applicant has determined that conducting the required rehabilitation work at the Lakeside Dam location would be most appropriate while the railroad line's operations are already compromised by the adjacent Jeffersonville Road widening project.

## **STATE OF GEORGIA**

Water Quality Certification: The Georgia Department of Natural Resources, Environmental Protection Division, intends to certify this project at the end of 30 days in accordance with the provisions of Section 401 of the Clean Water Act, which is required for a Federal Permit to conduct activity in, on, or adjacent to the waters of the State of Georgia. Copies of the application and supporting documents relative to a specific application will be available for review and copying at the office of the Georgia

Department of Natural Resources, Environmental Protection Division, Watershed Protection Branch, 2 MLK Jr. Drive, Suite 418, Atlanta, Georgia 30334, during regular office hours. A copier machine is available for public use at a charge of 10 cents per page. Any person who desires to comment, object, or request a public hearing relative to State Water Quality Certification must do so within 30 days of the State's receipt of application in writing and state the reasons or basis of objections or request for a hearing. The application can also be reviewed in the Savannah District, U.S. Army Corps of Engineers, Regulatory Division, 1590 Adamson Parkway, Suite 200, Morrow, Georgia 30260-1777.

State-owned Property and Resources: The applicant may also require assent from the State of Georgia, which may be in the form of a license, easement, lease, permit or other appropriate instrument.

### **U.S. ARMY CORPS OF ENGINEERS**

The Savannah District must consider the purpose and the impacts of the applicant's proposed work, prior to a decision on issuance of a Department of the Army Permit.

Cultural Resources Assessment: The Applicant has identified two National Register-eligible historic resources within the Area of Potential Effect (APE) for the adjacent Jeffersonville Road widening - the Central of Georgia Railroad and Lakeside Park. Due to the nature and scope of the proposed dam rehabilitation, the Applicant believes that the APE for direct effects consists of the project view shed and the proposed area of the dam rehabilitation activities, within which all construction and ground disturbing activity would be confined. The Applicant does not believe that a potential for either direct or indirect effects would result from implementation of the proposed dam rehabilitation project. There remains a potential for presently unknown archaeological, scientific, prehistorical or historical data to be located at the project site that could be affected by the proposed work.

Endangered Species: Pursuant to Section 7(c) of the Endangered Species Act of 1973, as amended (16 U.S.C. 1531 et seq.), we request information from the U.S. Department of the Interior, Fish and Wildlife Service, the U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service; or, any other interested party, on whether any species listed or proposed for listing may be present in the area.

Potential habitat for one federally endangered species, fringed campion (*Silene polypetala*), and one State threatened species, sweet pitcherplant (*Sarracenia rubra*), was identified within areas proposed to be impacted by the project. During field surveys performed by the Applicant, no individuals of either listed species were identified.

Public Interest Review: The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors, which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and in general, the needs and welfare of the people.

Consideration of Public Comments: The U.S. Army Corps of Engineers is soliciting comments from the public; federal, state, and local agencies and officials; Native American Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the U.S. Army Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Application of Section 404(b)(1) Guidelines: The proposed activity involves the discharge of dredged or fill material into the waters of the United States. The Savannah District's evaluation of the impact of the activity on the public interest will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency, under the authority of Section 404(b) of the Clean Water Act, which mandates that a permit cannot be issued if a practicable alternative exists that would have less adverse impact on the aquatic ecosystem.

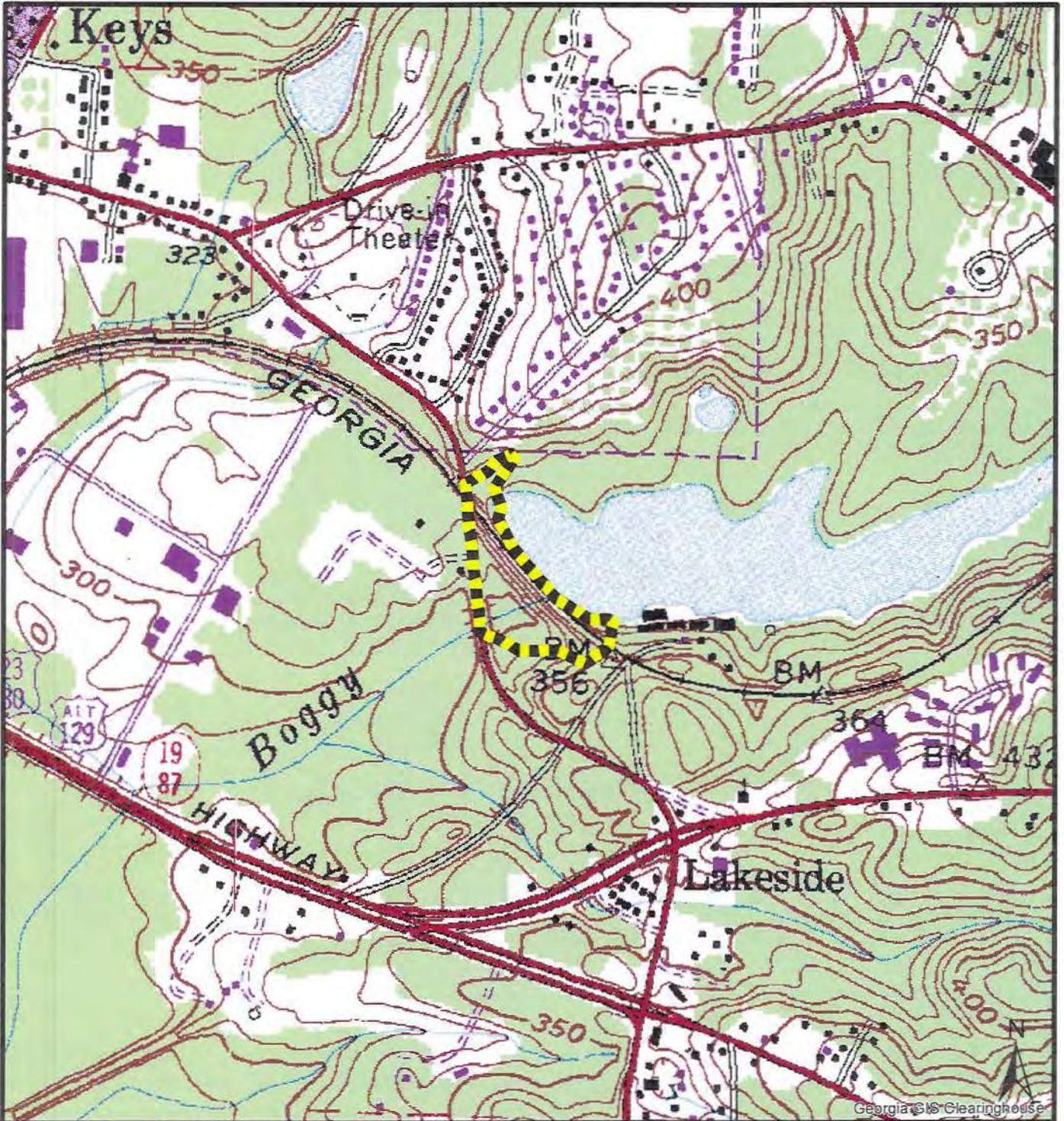
Public Hearing: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application for a Department of the Army permit. Requests for public hearings shall state, with particularity, the reasons for requesting a public hearing. The decision whether to hold a public hearing is at the discretion of the District Engineer, or his designated appointee, based on the need for additional substantial information necessary in evaluating the proposed project.

Comment Period: Anyone wishing to comment on this application for a Department of the Army Permit should submit comments in writing to the Commander, U.S. Army Corps of Engineers, Savannah District, Attention: Adam F. White, 1590 Adamson Parkway, Suite 200, Morrow, Georgia 30260-1777, no later than **30 days** from the date of this notice. Please refer to the applicant's name (Norfolk Southern Corporation) and the application number (SAS-2015-00795) in your comments.

If you have any further questions concerning this matter, please contact Adam F. White, Project Manager, Piedmont Branch at [adam.f.white@usace.army.mil](mailto:adam.f.white@usace.army.mil) or 678-422-2730.

\*\*Encls

1. Project Location Map (Figure 1)
2. Waters Map (Figure 2)
3. Overall Site Plan (Drawing No. C-4)
4. Erosion Control Plan - Initial (Drawing No. C-1)
5. Demolition Plan (Drawing No. C-2)
6. Erosion Control Plan - Intermediate (Drawing No. C-3)
7. Principal and Emergency Spillway Plan (Drawing No. C-5)
8. Emergency Spillway Cross-Sections (Drawing No. C-6)
9. Dam Cross-Sections (Drawing No. C-7)



Georgia GIS Clearinghouse

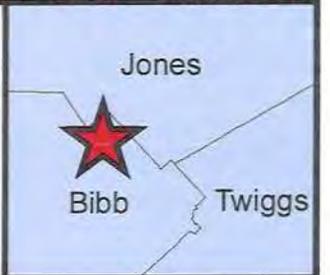
Lakeside Dam  
 Bibb County, Georgia  
 Figure 1 - Project Location

0 500 1,000 2,000  
 Feet

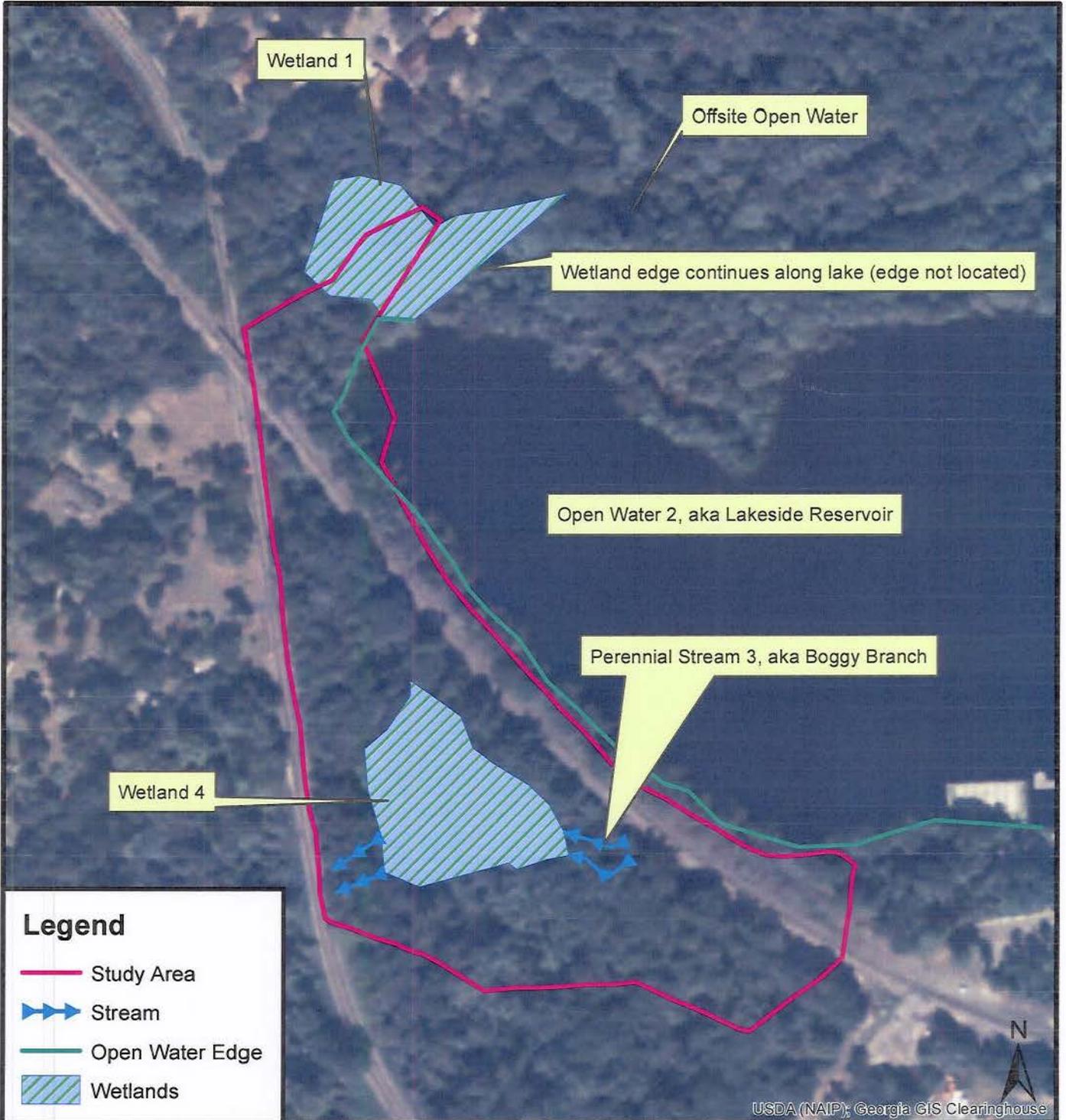


**Legend**

Project Limits



Source: USGS 7.5 Minute Topographic Quadrangles, Macon East



Lakeside Dam Rehabilitation  
Bibb County, Georgia

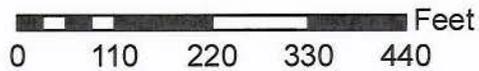
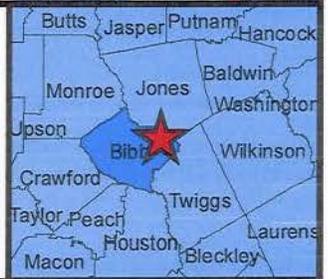
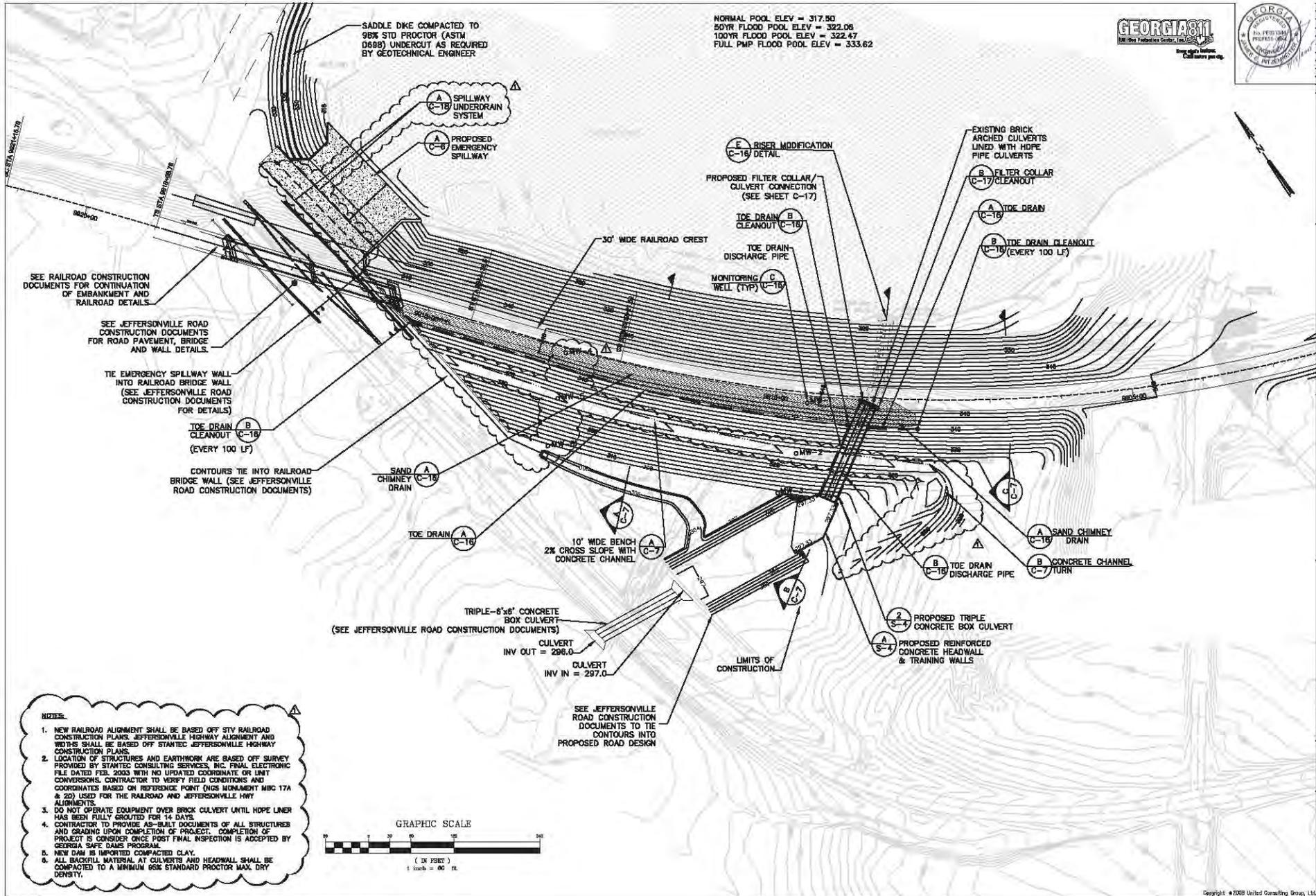


Figure 2: Waters Map

Source: USDA NAIP, 2010





NORMAL POOL ELEV = 317.90  
 50YR FLOOD POOL ELEV = 322.06  
 100YR FLOOD POOL ELEV = 322.47  
 FULL PMP FLOOD POOL ELEV = 333.62



NO.	DATE	REVISION
1	8-2-06	ISSUED FOR PERMIT

**JACOBS**

**STV** *100 Years*

605 University Center Road  
 Lawrenceville, Georgia 30047  
 770-209-0050 Fax: 770-209-2900  
 www.stvconsulting.com

**UNITED CONSULTING**

3000 Peachtree Dunwoody Road, N.E.  
 Atlanta, Georgia 30328  
 404.487.1000

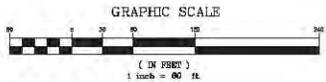
PROJECT DESCRIPTION  
**LAKESIDE DAM REHABILITATION**  
 MACON, GEORGIA

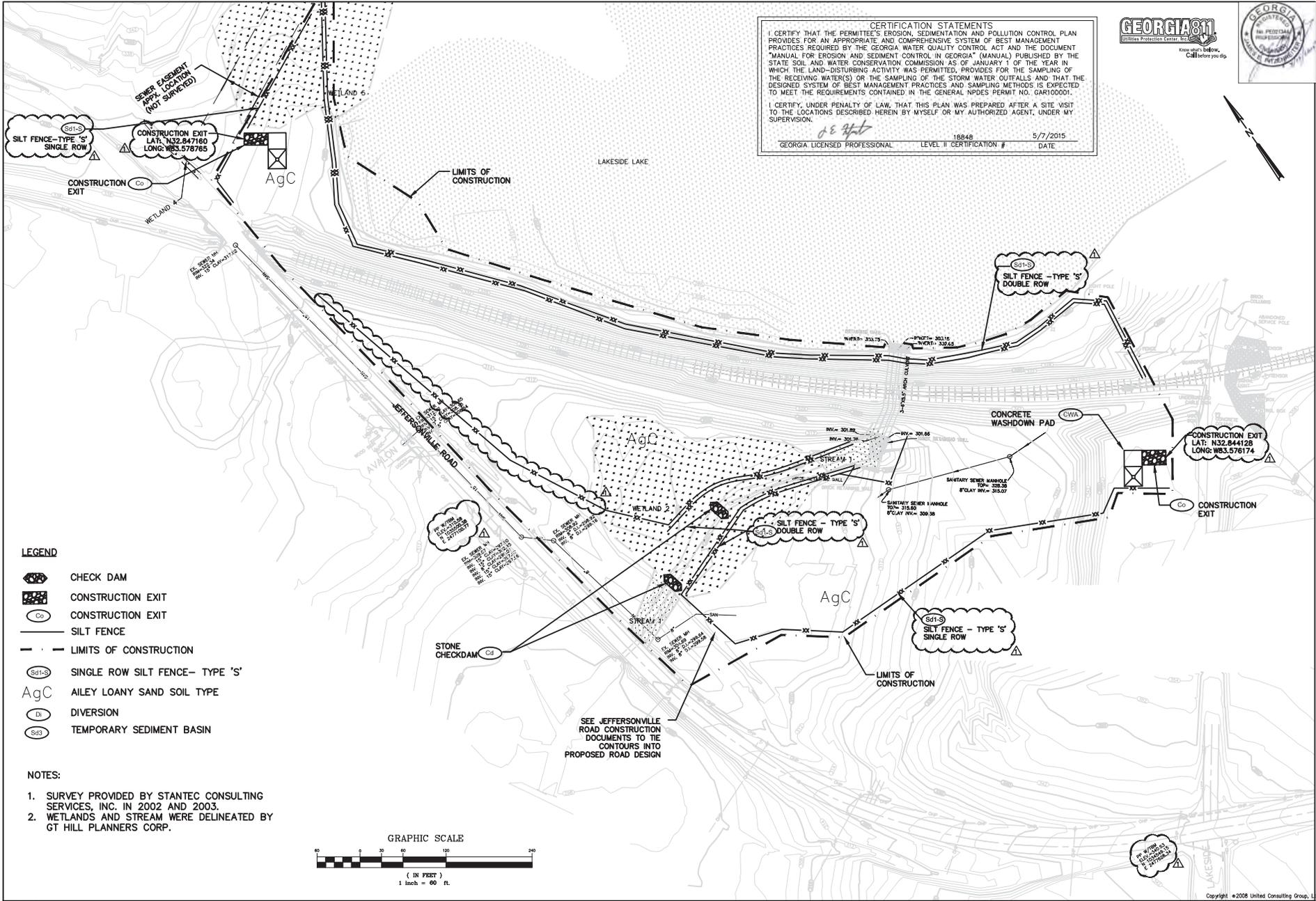
SHEET TITLE  
**OVERALL SITE PLAN**

SCALE: 1" = 60'  
 DRAWN BY:  
 CHECKED BY:  
 DATE: AUGUST 8, 2006  
 AEC NO.: 0700000/061700  
 DRAWING NUMBER

C-4

- NOTES:**
1. NEW RAILROAD ALIGNMENT SHALL BE BASED OFF STV RAILROAD CONSTRUCTION PLANS. JEFFERSONVILLE HIGHWAY ALIGNMENT AND WIDTHS SHALL BE BASED OFF STANTEC JEFFERSONVILLE HIGHWAY CONSTRUCTION PLANS.
  2. LOCATION OF STRUCTURES AND EARTHWORK ARE BASED OFF SURVEY PROVIDED BY STANTEC CONSULTING SERVICES, INC. FINAL ELECTRONIC FILE DATED FEB. 2003 WITH NO UPDATED COORDINATE OR UNIT CONVERSIONS. CONTRACTOR TO VERIFY FIELD CONDITIONS AND COORDINATES BASED ON REFERENCE POINT (NGS MONUMENT MRC 17A & 20) USED FOR THE RAILROAD AND JEFFERSONVILLE HWY ALIGNMENTS.
  3. DO NOT OPERATE EQUIPMENT OVER BRICK CULVERT UNTIL HOPE LINER HAS BEEN FULLY GROUTED FOR 14 DAYS.
  4. CONTRACTOR TO PROVIDE AS-BUILT DOCUMENTS OF ALL STRUCTURES AND GRADING UPON COMPLETION OF PROJECT. COMPLETION OF PROJECT IS CONSIDERED ONCE POST FINAL INSPECTION IS ACCEPTED BY GEORGIA SAFE DAMS PROGRAM.
  5. NEW DAM IS IMPORTED COMPACTED CLAY.
  6. ALL BACKFILL MATERIAL AT CULVERTS AND HEADWALL SHALL BE COMPACTED TO A MINIMUM 98% STANDARD PROCTOR MAX. DRY DENSITY.





**CERTIFICATION STATEMENTS**

I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE STATE SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED, PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OF THE STORM WATER OUTFALLS AND THAT THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GAR100001.

I CERTIFY, UNDER PENALTY OF LAW, THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY SUPERVISION.

18848  
5/7/2015

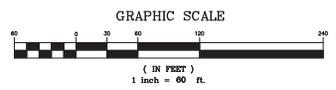
GEORGIA LICENSED PROFESSIONAL LEVEL II CERTIFICATION # DATE



NO.	DATE	REVISIONS	REMARKS
1	10-3-14	ISSUE FOR PERMIT	

- LEGEND**
- CHECK DAM
  - CONSTRUCTION EXIT
  - CONSTRUCTION EXIT
  - SILT FENCE
  - LIMITS OF CONSTRUCTION
  - SINGLE ROW SILT FENCE- TYPE 'S'
  - AILEY LOAMY SAND SOIL TYPE
  - DIVERSION
  - TEMPORARY SEDIMENT BASIN

- NOTES:**
1. SURVEY PROVIDED BY STANTEC CONSULTING SERVICES, INC. IN 2002 AND 2003.
  2. WETLANDS AND STREAM WERE DELINEATED BY GT HILL PLANNERS CORP.



**JACOBS**

**STV 100 Years**

625 Helicott Bridge Road  
770-269-0033 Fax: 562-2900  
www.unitecconsulting.com

**UNITEC CONSULTING**  
Macon, Georgia

**PROJECT DESCRIPTION**  
LAKESIDE DAM REHABILITATION

**SHEET TITLE**  
EROSION CONTROL INITIAL PHASE PLAN

**SCALE:** 1" = 60'

**DRAWN BY:**

**CHECKED BY:**

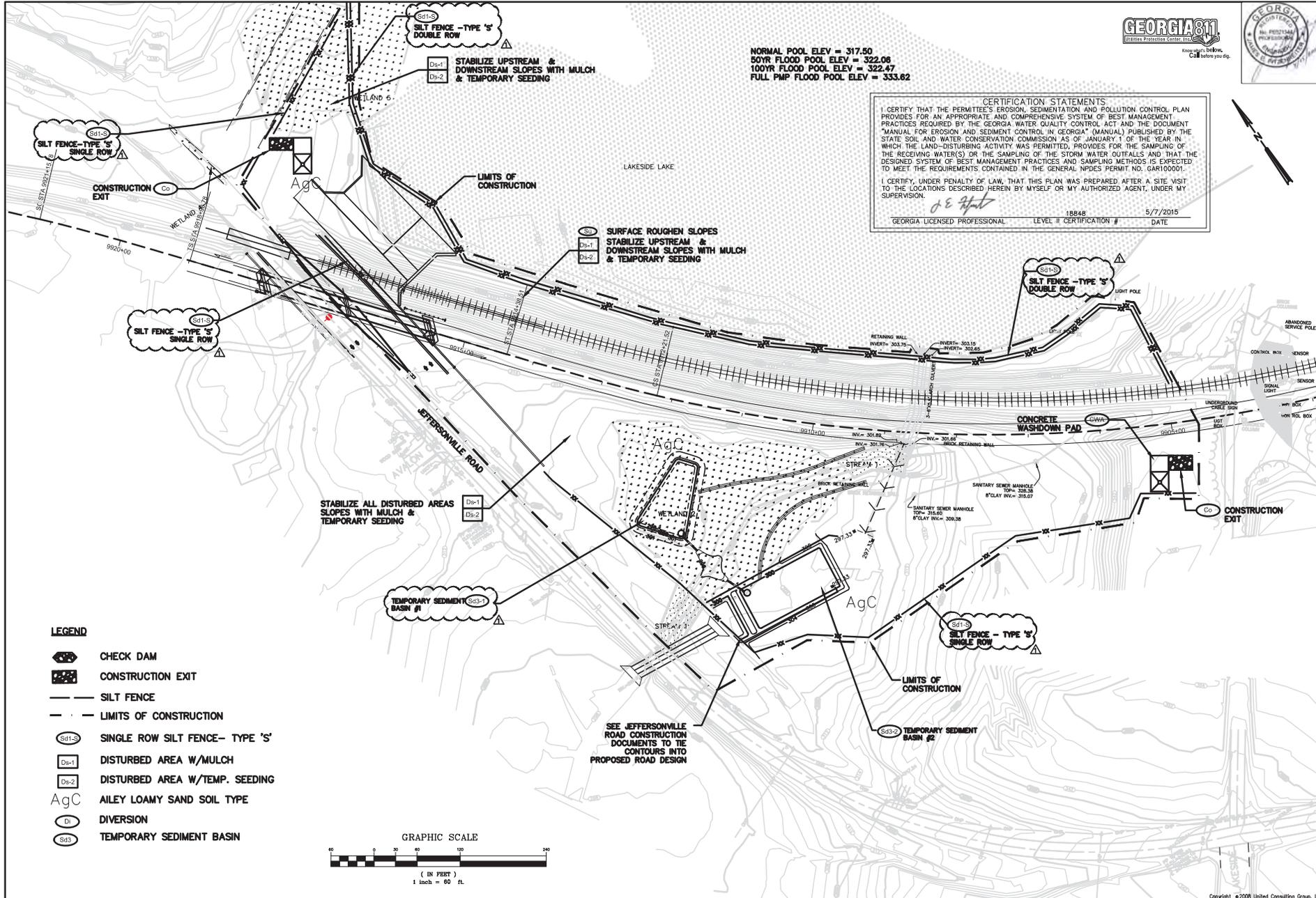
**DATE:** AUGUST 8, 2008

**JOB NO.:** 0705005/ESG4720

**DRAWING NUMBER**

C-1





NO.	DATE	REVISIONS
1	10-3-11	CREATED
2	05-28-15	REVISED

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625 Holcomb Bridge Road  
Norcross, Georgia 30070  
770-209-0025 Fax 952-2900  
www.stvconsulting.com

**UNITED CONSULTING**

**LAKESIDE DAM REHABILITATION**  
MACON, GEORGIA

**EROSION CONTROL INTERMEDIATE PHASE PLAN**

SCALE: 1" = 60'  
DRAWN BY:  
CHECKED BY:  
DATE: AUGUST 8, 2008  
JOB NO.: 0705005/ESK/7200  
DRAWING NUMBER

C-3







DATE	REVISION
11-2-08	1
11-2-08	2
11-2-08	3



605 University Center, Bldg. 600  
 Marietta, Georgia 30067  
 770-269-8000 Fax: 562-2900  
 www.unitedconsulting.com

**UNITED CONSULTING**

**LAKESIDE DAM REHABILITATION**  
 MACON, GEORGIA

**CROSS-SECTIONS**

SCALE: 1" = 30'  
 DRAWN BY:  
 CHECKED BY:  
 DATE: AUGUST 4, 2008  
 AEP NO.: 070000/ESL/700  
 DRAWING NUMBER

C-7

