



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
SAVANNAH DISTRICT, CORPS OF ENGINEERS
100 WEST OGLETHORPE AVENUE
SAVANNAH, GEORGIA 31401-3640

OCTOBER 30 2015

Regulatory Division
SAS-2007-00388

JOINT PUBLIC NOTICE
Savannah District/State of Georgia

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

Application Number: SAS-2007-00388

Applicant: Mr. Richard Mecum, Chairman
Hall County Board of Commissioners
Post Office Box 1435
Gainesville, Georgia 30503-1435

Agent: Mr. Harold Reheis
Joe Tanner and Associates
50 Hurt Plaza, Suite 930
Atlanta, Georgia 30303

Location of Proposed Work: The site for construction of the proposed dam and reservoir is located on Flat Creek, west of State Route 365 and the Chattahoochee River, in Hall County, Georgia, (Latitude 34.4236, Longitude -83.7367). In addition, a raw water intake and pump station would be constructed upstream of Lake Sidney Lanier, on the west bank of the Chattahoochee River, approximately 3 miles north of Belton Bridge. A 4-mile long, buried, 48-inch diameter transmission pipeline would be constructed between the pump station and the reservoir.

Description of Work Subject to the Jurisdiction of the U.S. Army Corps of Engineers: The discharge of fill material into and the inundation of 39.2 acres of wetland and 95,000 linear feet of stream to facilitate construction of an earthen dam and a resulting 850-acre pump-storage water supply reservoir. The proposed dam would have a height of 140 feet, with a normal pool surface elevation of 1180 feet above mean sea level. A 37 million gallon per day (mgd) raw water intake and pump station would be constructed on the Chattahoochee River, and would transfer water from the river to the reservoir via a 48-inch diameter, 4-mile long transmission pipeline.

Water would be pumped from the Chattahoochee River to fill or refill the reservoir only when river flows are above the Instream Flow Protection Thresholds (IFPT), and only when the IFPT can be maintained in the river below the pump station. Water stored in the reservoir would be released into Flat Creek, flow downstream into Lake

Lanier, and be withdrawn at an existing raw water intake operated by the City of Gainesville, Georgia. The proposed project would provide a total storage volume of 11.7 billion gallons and an annual average water supply of 50 mgd, to meet Hall County's projected water demand through the year 2060.

BACKGROUND

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

On October 30, 2015, a Notice of Availability (NOA) of the Draft Environmental Impact Statement (DEIS) for the proposed Glades Reservoir Water Supply Project was published in the Federal Register. The Corps prepared the DEIS to meet its National Environmental Policy Act (NEPA) (42 U.S.C. 4321 to 4370f) obligation in its evaluation of an application for a Department of the Army permit pursuant to Section 404 of the CWA (33 U.S.C. 1344) for the proposed project. The DEIS presents the direct, indirect, and cumulative impacts of the proposed project on the human and natural environment.

The DEIS evaluated 13 alternatives for the proposed project based on a range of Lake Lanier allocations, reservoir sites, reservoir yield, and transmission and treatment strategies. A wide range of water supply sources such as water conservation, additional Lake Lanier water supply allocation, purchase from adjacent counties, and additional groundwater development were identified prior to evaluating the need for any built alternatives. A range of potential Lake Lanier water supply allocations for Gainesville/Hall County were considered in the alternatives analysis, resulting in a range of reservoir safe yields for meeting the projected 2060 water supply needs.

There are several potential environmental and public interest issues addressed in the DEIS. Public interest issues include but are not limited to potential effects to downstream flows of the Chattahoochee River; Lake Lanier water level and water supply capacity; potential aquatic resources impacts to streams, wetlands and aquatic organisms; and potential effects to cultural resources, aesthetics, recreation, infrastructure, navigation, transportation, and threatened and endangered species.

A Notice of Intent (NOI) to prepare an EIS for the proposed project was published in the Federal Register on February 17, 2012. The Corps held a total of three public scoping meetings in March 2012, in Alabama, Florida and Georgia, which are located in the Apalachicola-Chattahoochee-Flint (ACF) River Basin.

The U.S. Environmental Protection Agency (EPA) and the Georgia Environmental Protection Division (Georgia EPD) have been participating in the NEPA process as cooperating agencies (40 Code of Federal Regulations, 1501.6, 1508.5). Formal cooperating agency agreements were executed between the Corps and these agencies.

The DEIS is available to the public for review in the following formats:

- Online as PDF documents at <http://www.gladesreservoir.com/>
- As a CD upon written request to the Corps address listed above.

The 60-day public comment period for the DEIS commences on October 30, 2015, and ends on December 29, 2015. All persons and organizations that have an interest in the proposed action, including minority, low-income, disadvantaged, and Native American groups, are urged to participate in this NEPA environmental analysis process by reviewing the DEIS and submitting comments for consideration.

The Corps will hold an open house and public hearing to allow for public presentation of comments on the DEIS. The open house and public hearing will be held on Tuesday, December 8, 2015, from 5:00 – 9:00pm, at the Hall County Board of Commissioners' Auditorium, located at 2875 Browns Bridge Road Gainesville, Georgia 30504. The open house will be from 5:00pm to 6:00 pm, with public hearing to begin at 6:00pm and end at 9:00pm.

Comments may be submitted on the DEIS via the following methods:

- At the public hearing through comment forms
- Verbally through the court reporter at the public hearing
- By emailing Richard.M.Morgan@usace.army.mil
- By letter addressed to the Corps address listed above
- Online at <http://www.gladesreservoir.com/>

STATE OF GEORGIA

Water Quality Certification: The Georgia EPD, intends to certify this project at the end of 30 days in accordance with the provisions of Section 401 of the CWA, 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 be reviewed in the Regulatory Division, Savannah District, U.S. Army Corps of Engineers, 100 West Oglethorpe Avenue, Savannah, Georgia 31401-3640.

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: A cultural resources survey has been completed for the proposed project site. Resources eligible for listing in the National Register of Historic Places and potentially eligible resources, pending further evaluation, have been identified within the project's Area of Potential Effect. The Corps initiated Section 106 consultation for the project with the Georgia Department of Natural Resources, Historic Preservation Division (Georgia HPD), pursuant to Section 106 of the National Historic Preservation Act. The Corps prepared a draft Programmatic Agreement (PA) for the proposed project, to address treatment of identified cultural resources. The Corps is coordinating the PA with the Georgia HPD and the Advisory Council on Historic Preservation. The final PA will be executed by the Hall County Board of Commissioners, the Georgia HPD and the Corps. Implementation of the executed PA would be made a special condition of any draft permit that may be issued for the proposed project. However, there may be presently unknown archaeological, scientific, prehistorical or historical data may be located at the site and could be affected by the proposed work. The PA may be amended should additional historic properties be identified, or the project's impacts change.

Endangered Species: The Corps has initiated informal consultation with the U.S. Department of the Interior, Fish and Wildlife Service (USFWS), pursuant to Section 7(a)(2) of the Endangered Species Act of 1973, as amended (16 U.S.C. 1531 et seq.), for federally listed species under the jurisdiction of USFWS that may be affected by the proposed project. The Corps will complete Section 7 consultation with the USFWS as part of its evaluation of the subject permit application. The Corps has determined that the project will not affect any federally listed species under the jurisdiction of the U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service.

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 Corps 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 Corps 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 will be used in the preparation of an EIS pursuant to the NEPA.

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 Corps' evaluation of the impact of the activity on the public interest will include application of the guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under the authority of Section 404(b) of the Clean Water Act.

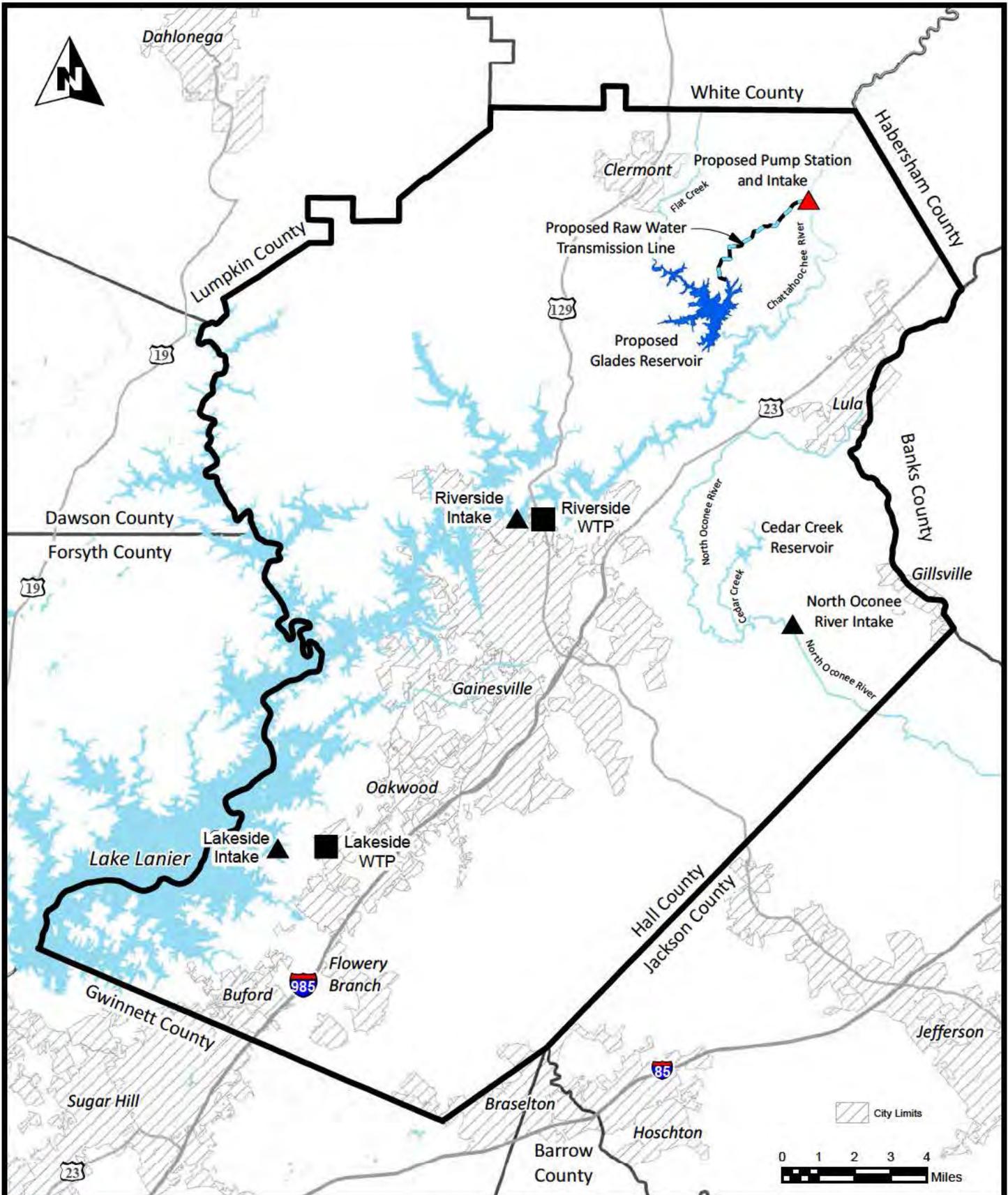
Comment Period: Anyone wishing to comment on this application for a Department of the Army permit should submit comments in writing to the Commander, U.S. Army Corps of Engineers, Savannah District, Attention: SAS-2007-00388, 100 West Oglethorpe Avenue, Savannah, Georgia 31401-3640, no later than 60 days from the date of this notice. Please refer to application number SAS-2007-00388 in your comments.

If you have any questions concerning this matter, please contact Richard W. Morgan, Senior Project Manager, at 912-652-5139.

Enclosures:

1. Vicinity Map
2. Site Location Map
3. U.S.G.S. Quadrangle Sheet
4. Glades Water Supply System
5. Flat Creek Dam – General Plan
6. Flat Creek Dam – Spillway Profile
7. Flat Creek Dam – Typical Section
8. Jurisdictional Waters of the U.S. – 10 Sheets





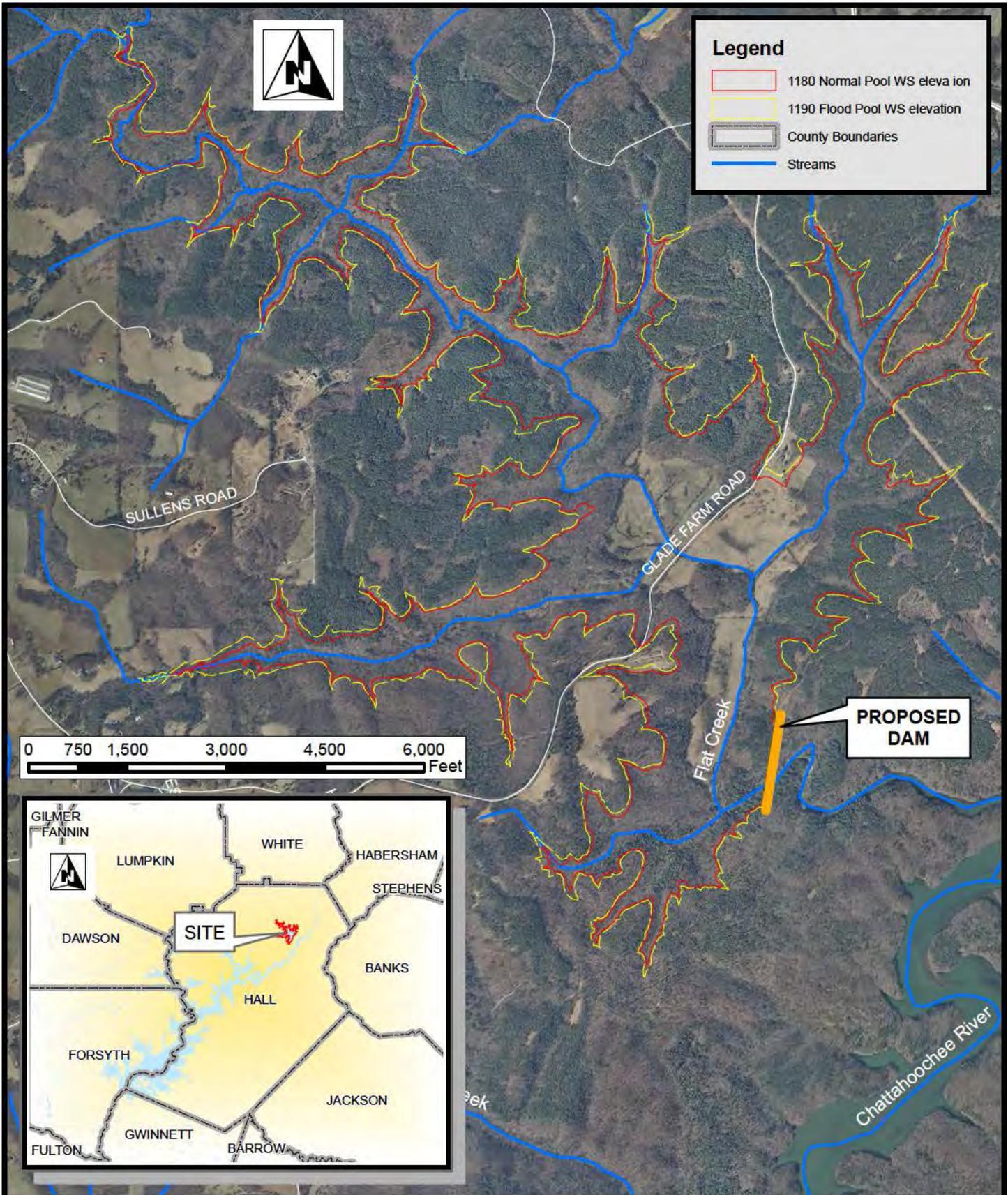
US Army Corps
of Engineers
Savannah District

**Glades Reservoir
Environmental Impact Statement**

**Proposed Project Components
Hall County's Preferred Project**

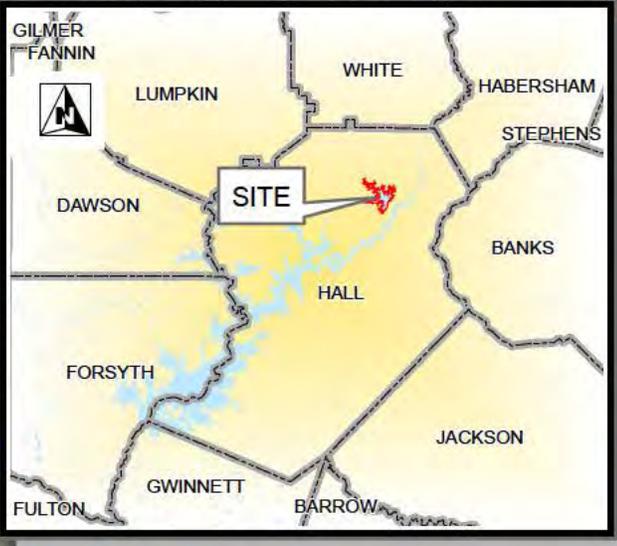
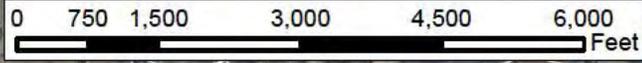
Date: Sept 2012
Scale: As Shown

Figure 1-4



Legend

- 1180 Normal Pool WS elevation
- 1190 Flood Pool WS elevation
- County Boundaries
- Streams

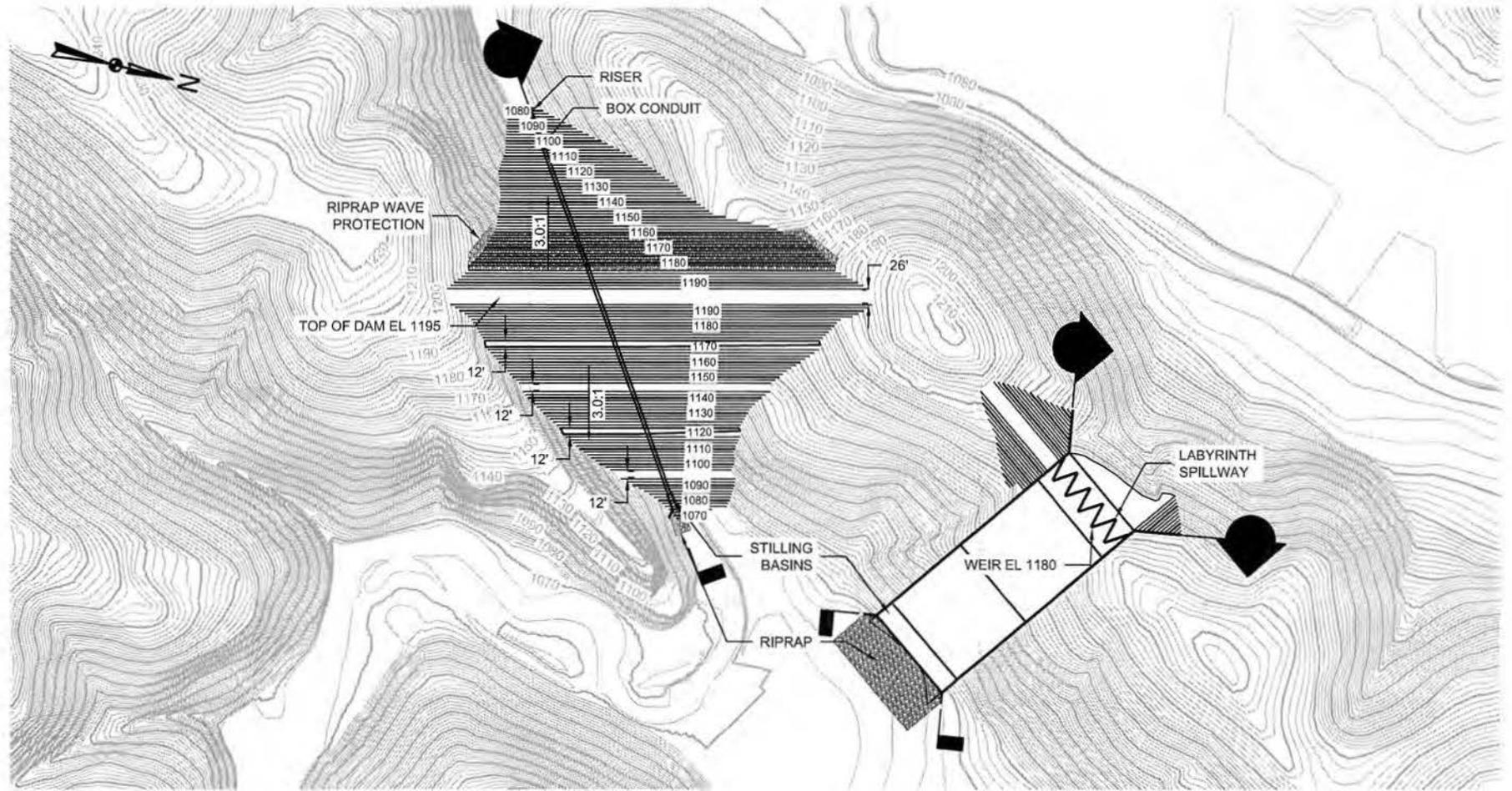



**US Army Corps
of Engineers**
Savannah District

**Glades Reservoir
Environmental Impact Statement**

Date: Jan. 2015
Scale: As Shown

**Proposed Glades Reservoir
Hall County, Georgia**



1 GENERAL PLAN
 SCALE: 1"=200'



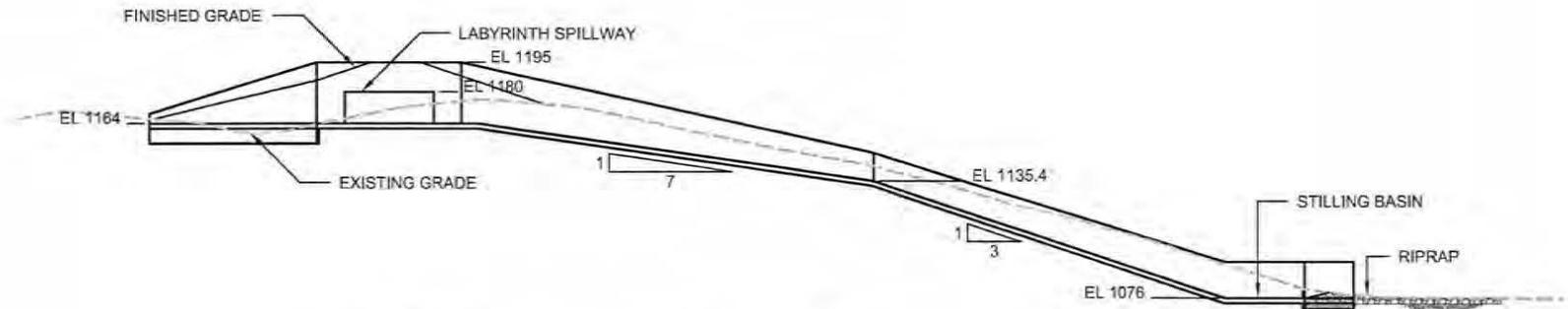
FLAT CREEK DAM
 HALL COUNTY, GEORGIA
 PROJECT NO. 10217007

FLAT CREEK DAM LAYOUT-
 PLAN VIEW

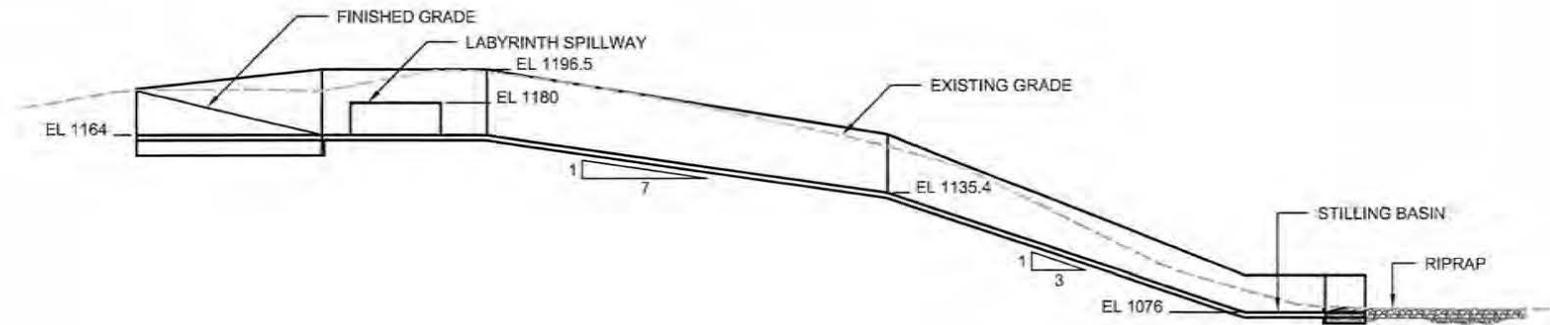
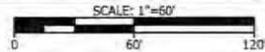
FIGURE 1

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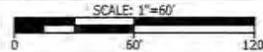
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1 SPILLWAY PROFILE - RIGHT SIDE



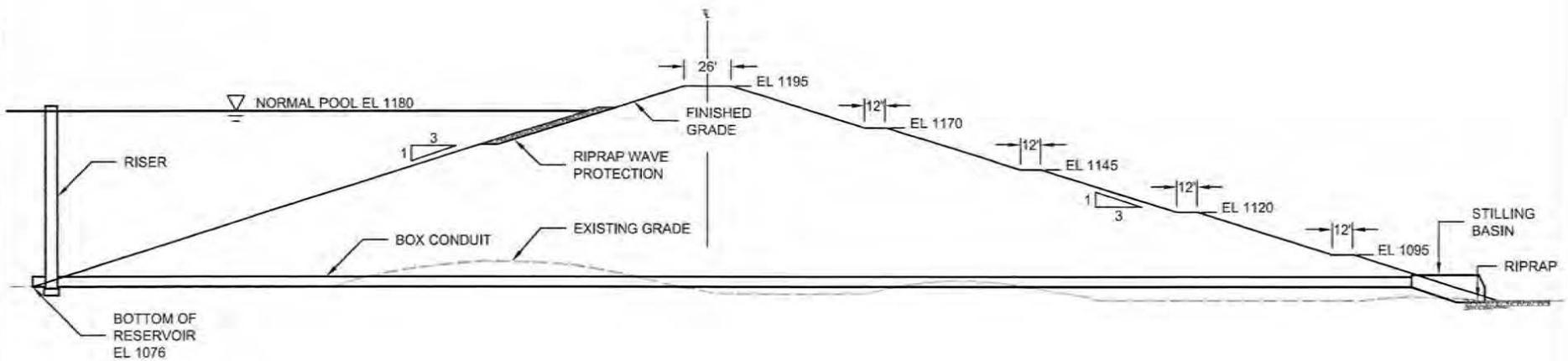
2 SPILLWAY PROFILE - LEFT SIDE



FLAT CREEK DAM
 HALL COUNTY, GEORGIA
 PROJECT NO. 10217007

FLAT CREEK DAM LAYOUT-
 SPILLWAY PROFILES

FIGURE 3

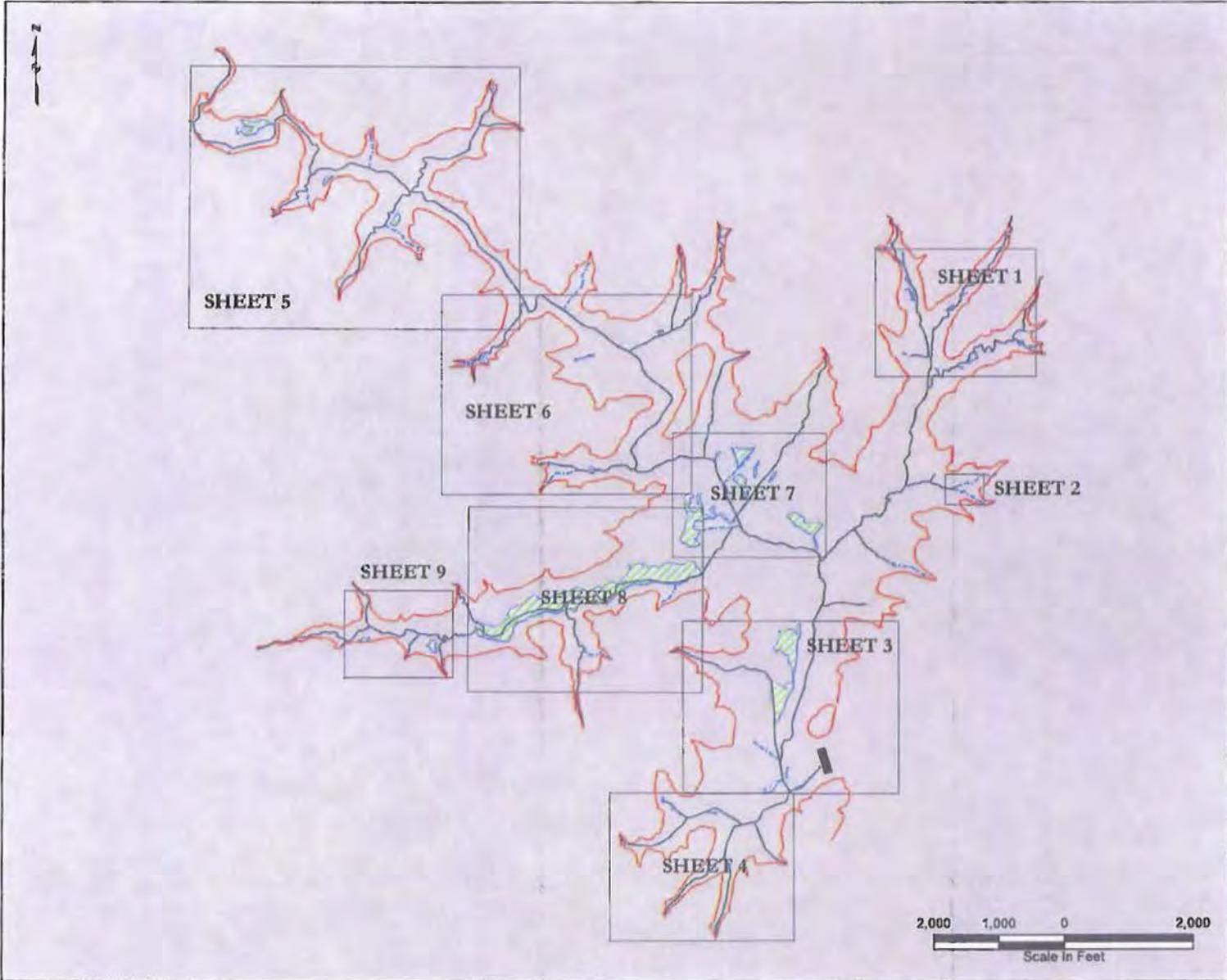


1 TYPICAL SECTION
 SCALE: 1"=60'

	FLAT CREEK DAM HALL COUNTY, GEORGIA PROJECT NO. 10217007	FLAT CREEK DAM LAYOUT- SECTION VIEW
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FIGURE 2

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-  Wetlands
-  Perennial Stream
-  Intermittent Stream
-  Proposed Normal High Water Elevation (1180 NGVD)
-  Location of Proposed Dam
-  Sheet Extent

NOTE: EXISTING STREAMS AND PROPOSED NORMAL HIGH WATER ELEVATION (1180 NGVD) PROVIDED BY ECO SOUTH, INC. WETLANDS DELINEATED BY KLEINSCHMIDT ASSOCIATES DURING MAY 2ND - MAY 9TH, 2011.

Kleinschmidt Project No. 1051001.01
May 2011

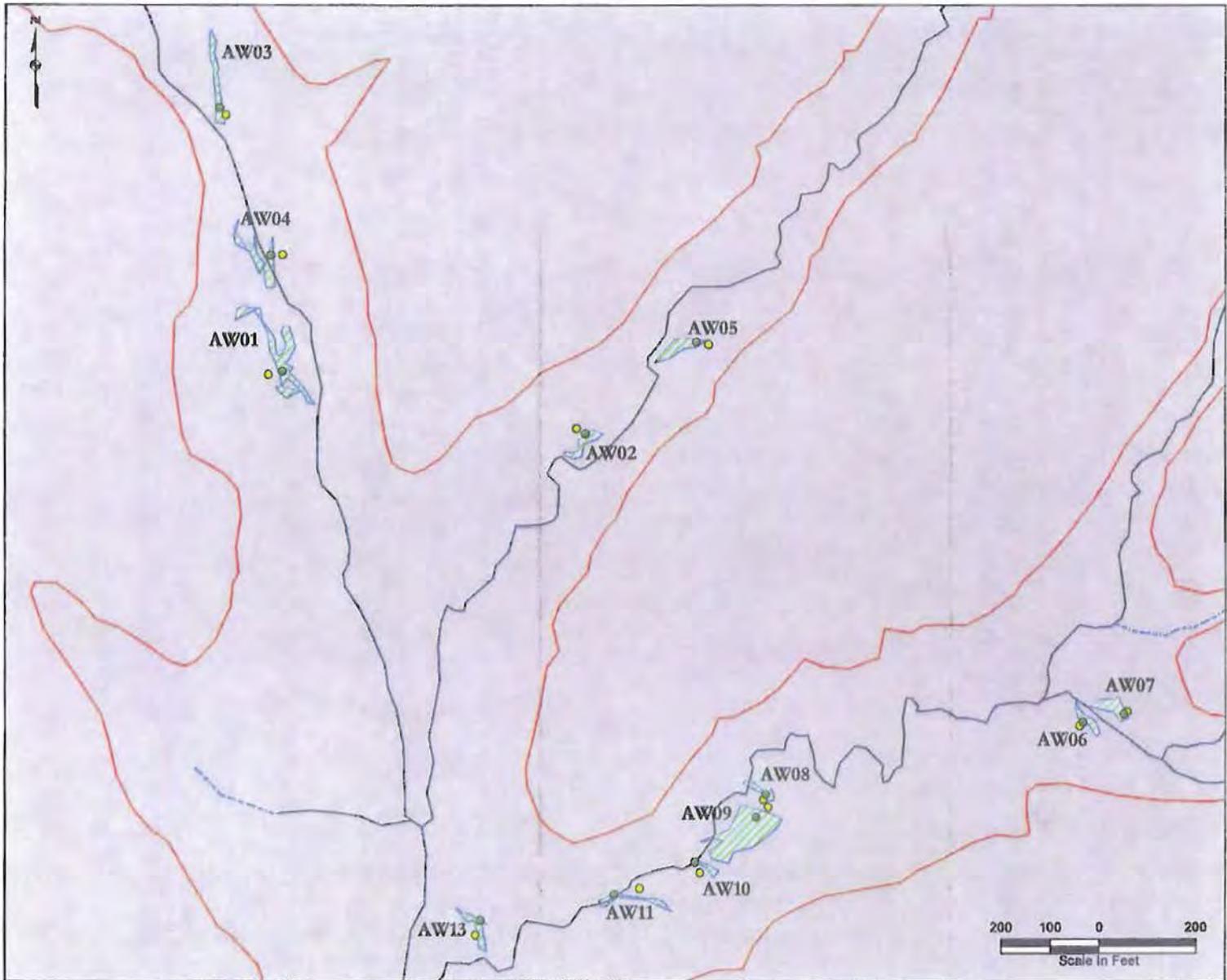
WETLANDS MAP INDEX

**JURISDICTIONAL WATERS REPORT
FIGURE 5**

HALL COUNTY, GEORGIA

Kleinschmidt Associates, Inc.
 2011
 1000
 2011
 1000
 2011





- Paired Data - Upland
- Paired Data - Wetland
- ▨ Wetlands
- ~ Perennial Stream
- - - Intermittent Stream
- Proposed Normal High Water Elevation (1180 NGVD)

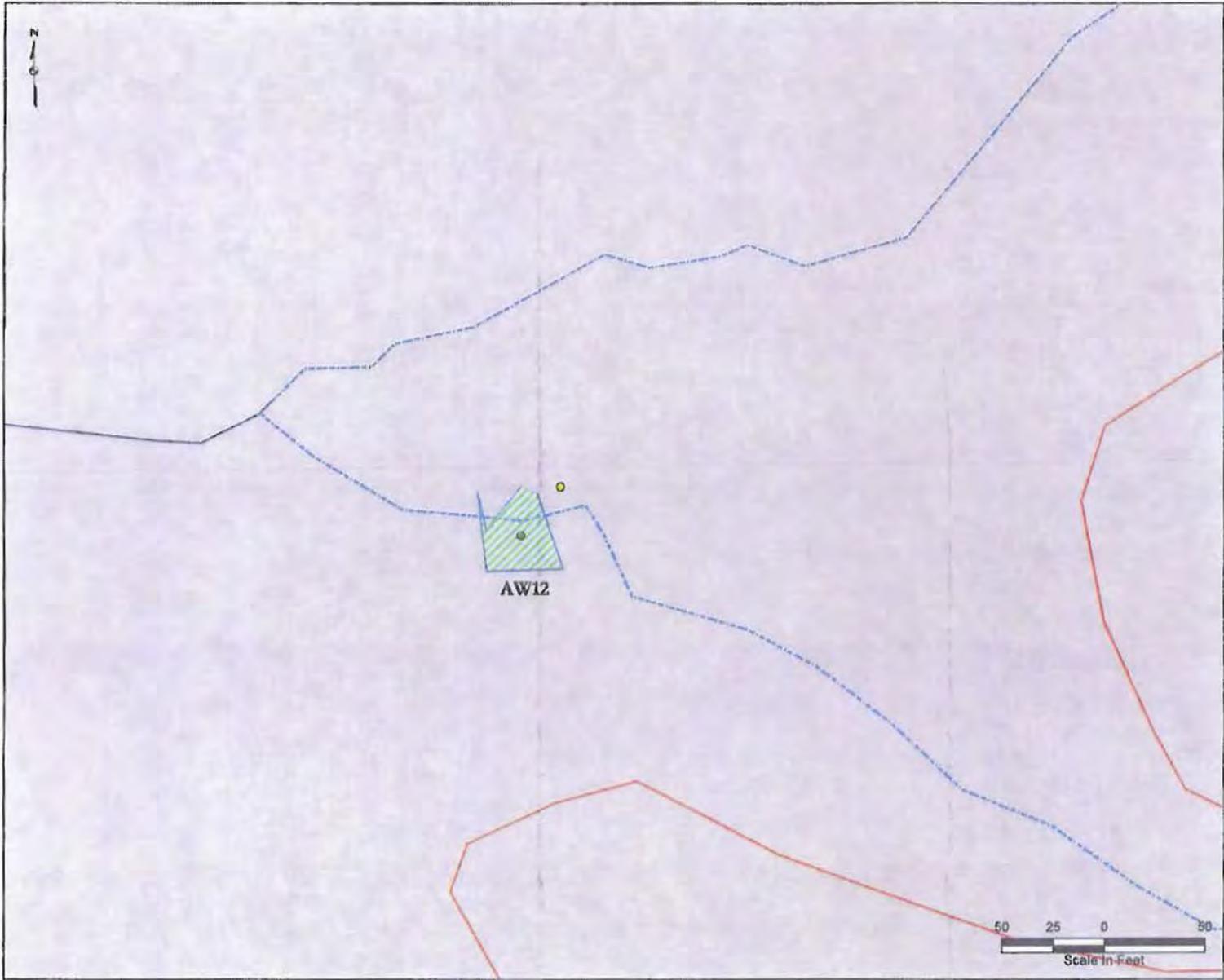
NOTE: EXISTING STREAMS AND PROPOSED NORMAL HIGH WATER ELEVATION (1180 NGVD) PROVIDED BY ECO SOUTH, INC. WETLANDS AND PAIRED DATA PLOT LOCATIONS DELINEATED BY KLEINSCHMIDT ASSOCIATES DURING MAY 2ND - MAY 9TH, 2011.

Kleinschmidt Project No. 1851001.01
May 2011

WETLANDS MAP 1 OF 9
JURISDICTIONAL WATERS REPORT
FIGURE 6

HALL COUNTY, GEORGIA

Kleinschmidt
3000 Peachtree Road, Suite 200
 Atlanta, GA 30328
 Phone: 404.251.1000
 Fax: 404.251.1001
 www.kleinschmidt.com



- Paired Data - Upland
- Paired Data - Wetland
- ▨ Wetlands
- Perennial Stream
- - - Intermittent Stream
- Proposed Normal High Water Elevation (1180 NGVD)

NOTE: EXISTING STREAMS AND PROPOSED NORMAL HIGH WATER ELEVATION (1180 NGVD) PROVIDED BY ECO SOUTH, INC. WETLANDS AND PAIRED DATA PLOT LOCATIONS DELINEATED BY KLEINSCHMIDT ASSOCIATES DURING MAY 2ND - MAY 9TH, 2011.

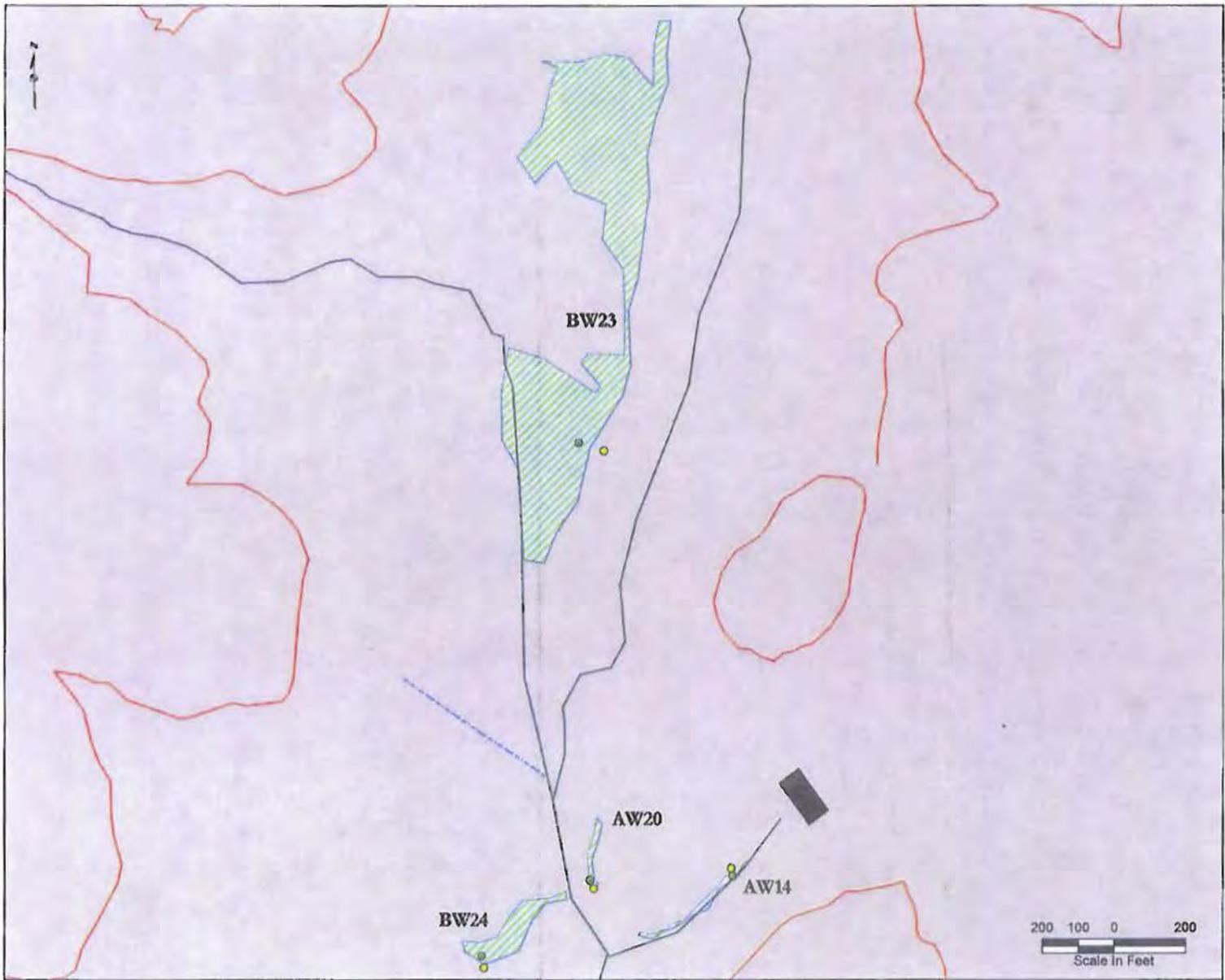
Kleinschmidt Project No. 1851001.01
May 2011

WETLANDS MAP 2 OF 9

JURISDICTIONAL WATERS REPORT
FIGURE 7

HALL COUNTY, GEORGIA

Kleinschmidt
2001 Klingenberg Drive
 Suite 302
 Marietta, GA 30067
 Phone: 770-426-1129
 Fax: 770-426-1130
 www.kleinschmidt.com

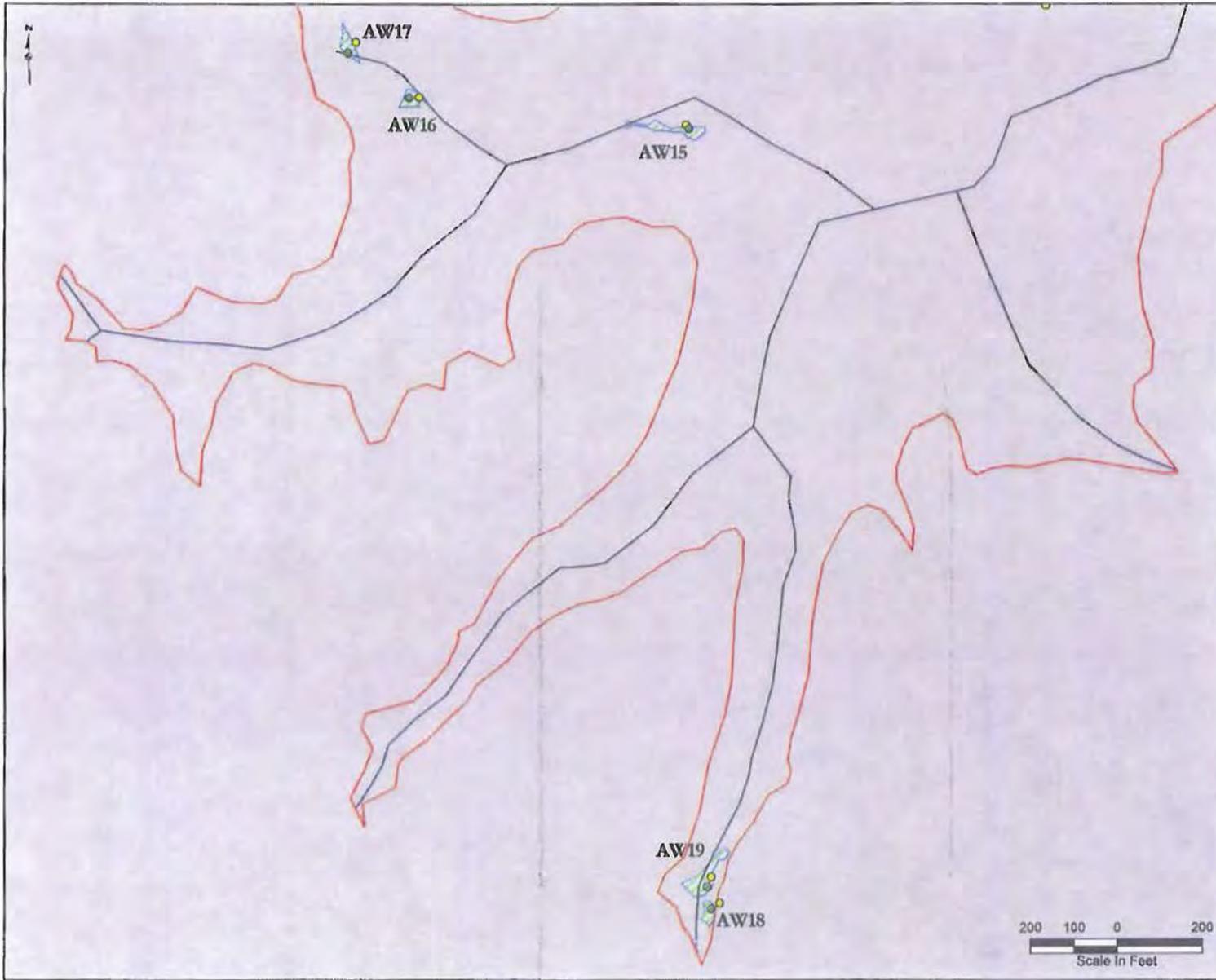


- Paired Data - Upland
- Paired Data - Wetland
- ▨ Wetlands
- ~ Perennial Stream
- - - Intermittent Stream
- Proposed Normal High Water Elevation (1180 NGVD)
- ▭ Location of Proposed Dam

NOTE: EXISTING STREAMS AND PROPOSED NORMAL HIGH WATER ELEVATION (1180 NGVD) PROVIDED BY ECO SOUTH, INC. WETLANDS AND PAIRED DATA PLOT LOCATIONS DELINEATED BY KLEINSCHMIDT ASSOCIATES DURING MAY 2ND - MAY 9TH, 2011.

Kleinschmidt Project No. 1851001.01
May 2011

WETLANDS MAP 3 OF 9
JURISDICTIONAL WATERS REPORT FIGURE 8
HALL COUNTY, GEORGIA



- Paired Data - Upland
- Paired Data - Wetland
- Wetlands
- Perennial Stream
- Intermittent Stream
- Proposed Normal High Water Elevation (1180 NGVD)

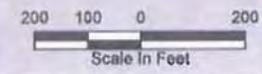
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Kleinschmidt Project No. 1851001.01
May 2011

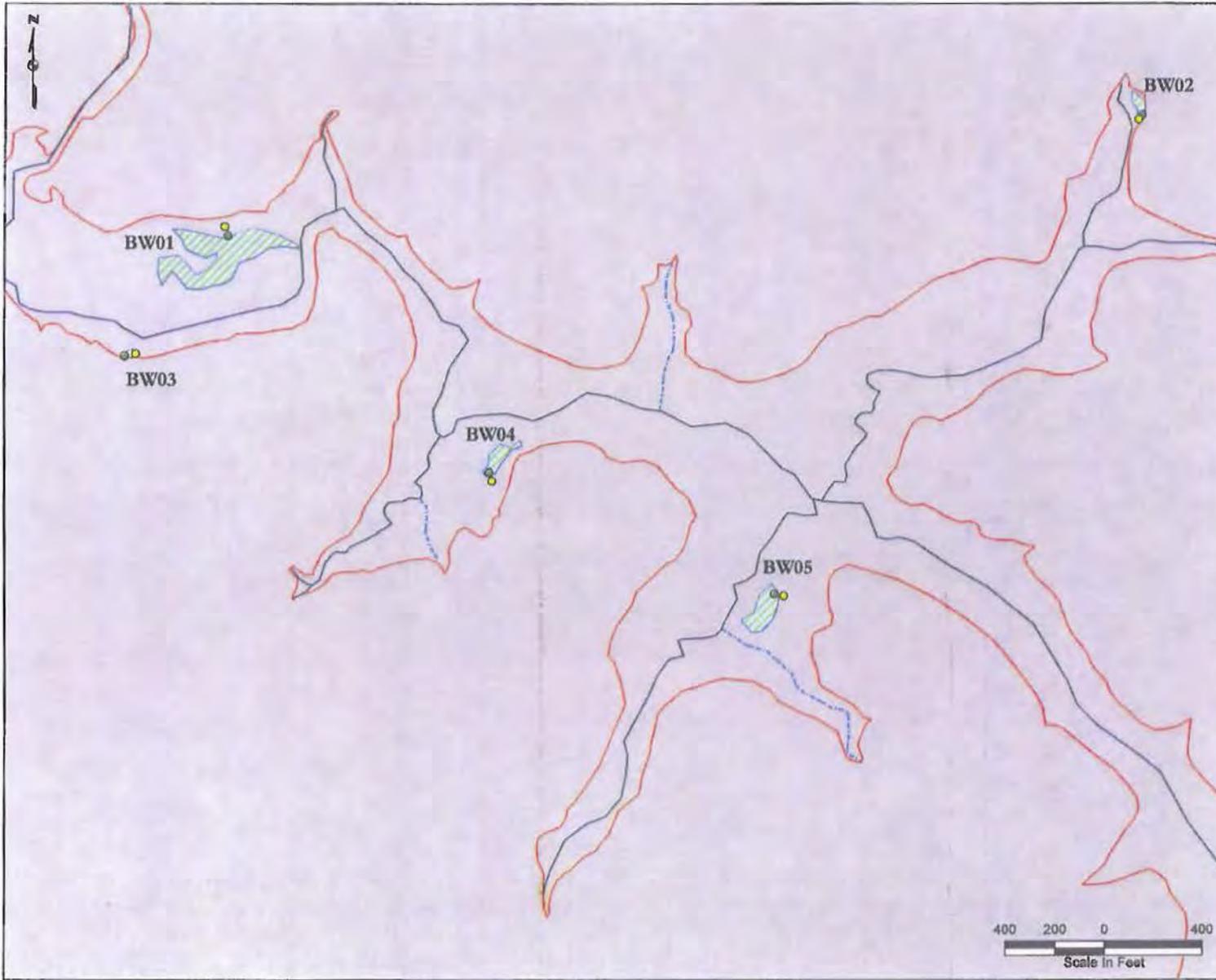
WETLANDS MAP 4 OF 9

JURISDICTIONAL WATERS REPORT
FIGURE 9

HALL COUNTY, GEORGIA



Kleinschmidt
2875 Longstreet Forest Lane
Suwanee, GA 30077
Tel: 770-391-8800
Fax: 770-391-8802
www.kleinschmidt.com



- Paired Data - Upland
- Paired Data - Wetland
- ▨ Wetlands
- Perennial Stream
- - - Intermittent Stream
- Proposed Normal High Water Elevation (1180 NGVD)

NOTE: EXISTING STREAMS AND PROPOSED NORMAL HIGH WATER ELEVATION (1180 NGVD) PROVIDED BY ECO SOUTH, INC. WETLANDS AND PAIRED DATA PLOT LOCATIONS DELINEATED BY KLEINSCHMIDT ASSOCIATES DURING MAY 2ND - MAY 9TH, 2011.

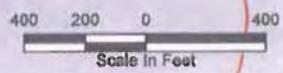
Kleinschmidt Project No. 1851001.01
May 2011

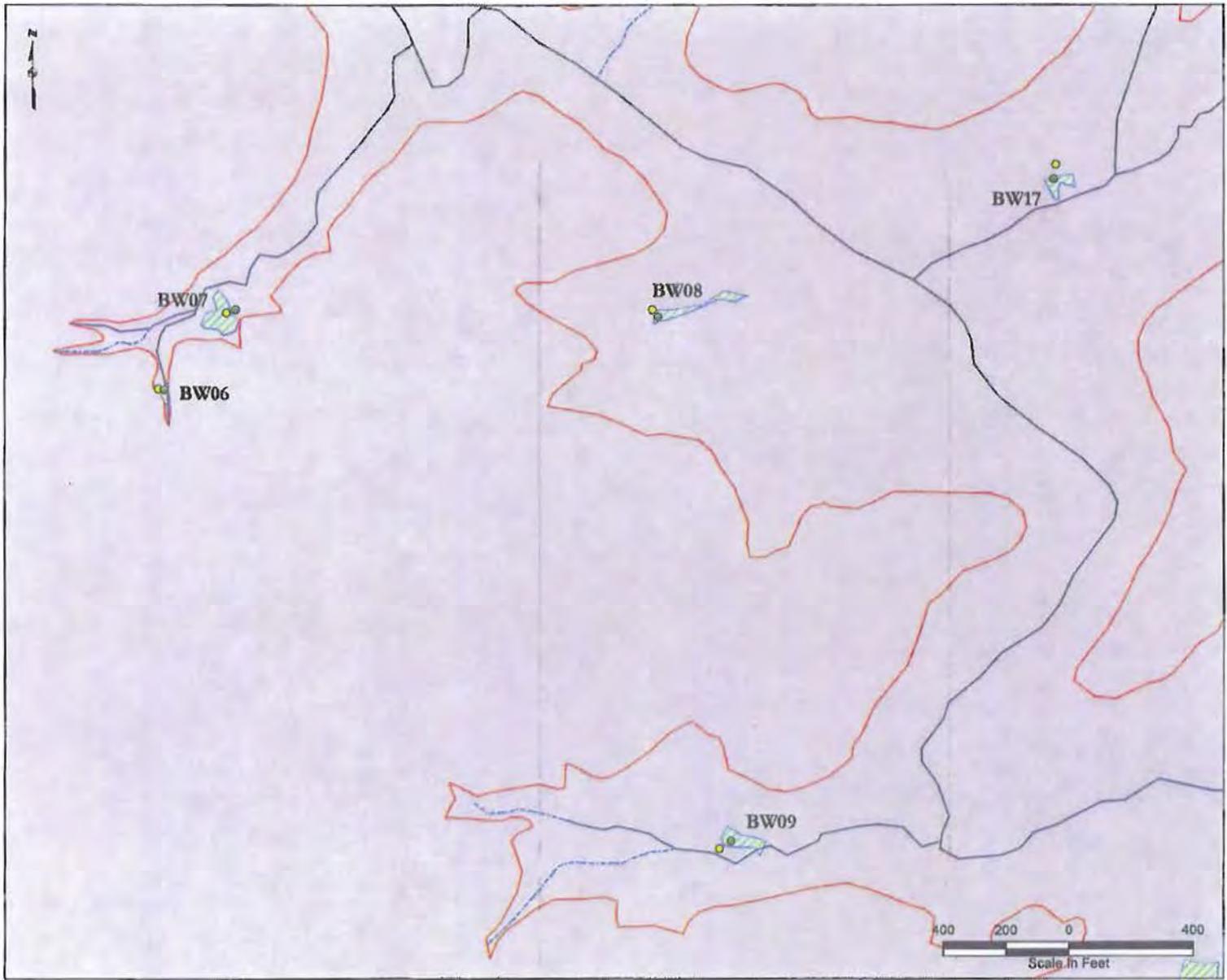
WETLANDS MAP 5 OF 9

JURISDICTIONAL WATERS REPORT
FIGURE 10

HALL COUNTY, GEORGIA

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 Eco South, Inc.
 1100 Peachtree St., Suite 200
 Atlanta, GA 30309
 Phone: 404.525.5400
 www.ecosouth.com





- Paired Data - Upland
- Paired Data - Wetland
- ▨ Wetlands
- ~ Perennial Stream
- - - Intermittent Stream
- Proposed Normal High Water Elevation (1180 NGVD)

NOTE: EXISTING STREAMS AND PROPOSED NORMAL HIGH WATER ELEVATION (1180 NGVD) PROVIDED BY ECO SOUTH, INC. WETLANDS AND PAIRED DATA PLOT LOCATIONS DELINEATED BY KLEINSCHMIDT ASSOCIATES DURING MAY 2ND - MAY 9TH, 2011.

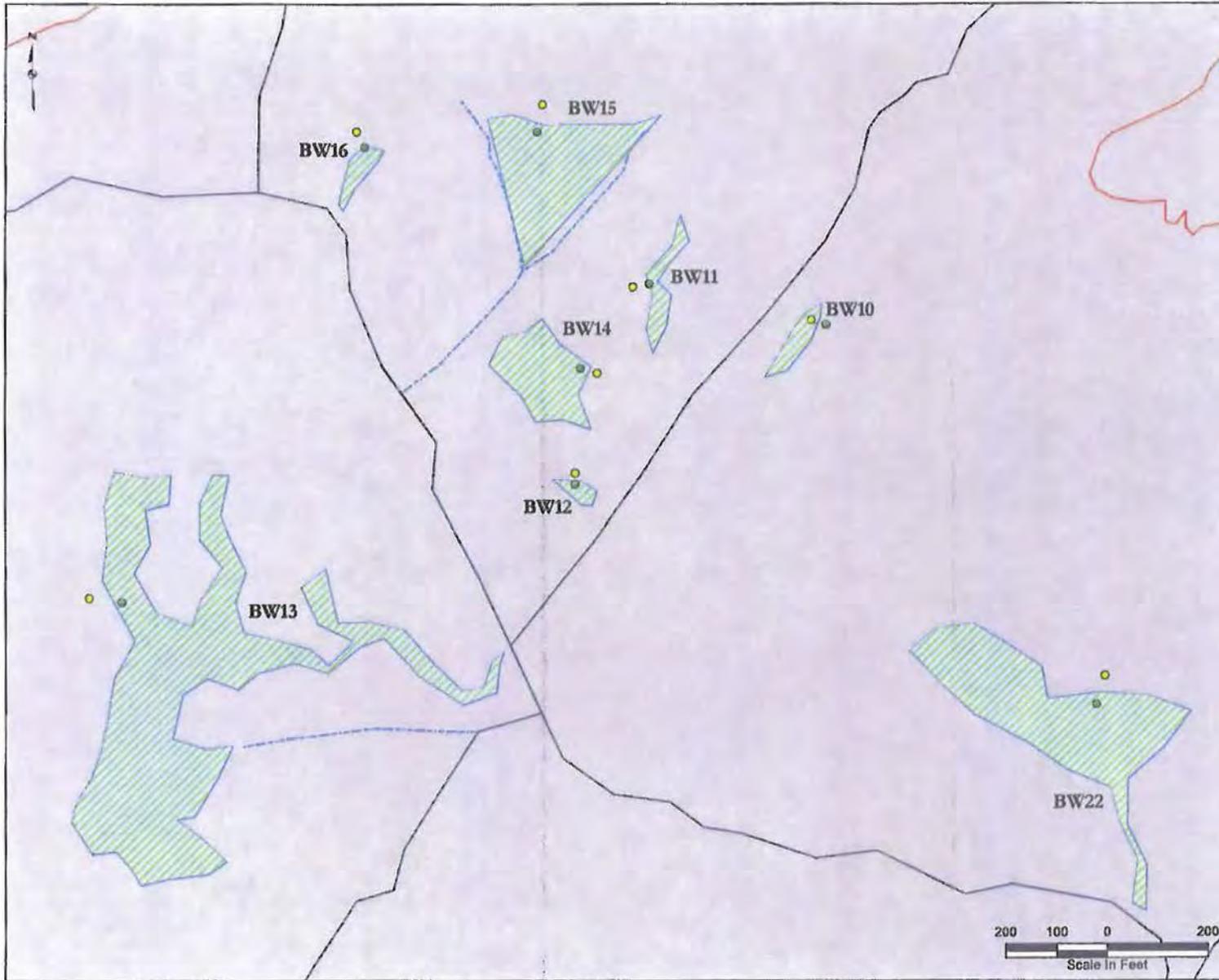
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May 2011

WETLANDS MAP 6 OF 9

JURISDICTIONAL WATERS REPORT
FIGURE 11

HALL COUNTY, GEORGIA

Kleinschmidt
2011 Technology Park Lane
 Suite 300
 Columbus, GA 31906
 Phone: (706) 949-9900
 Fax: (706) 949-9901
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- Paired Data - Upland
- Paired Data - Wetland
- ▨ Wetlands
- ~ Perennial Stream
- - - Intermittent Stream
- Proposed Normal
- High Water Elevation (1180 NGVD)

NOTE: EXISTING STREAMS AND PROPOSED NORMAL HIGH WATER ELEVATION (1180 NGVD) PROVIDED BY ECO SOUTH, INC. WETLANDS AND PAIRED DATA PLOT LOCATIONS DELINEATED BY KLEINSCHMIDT ASSOCIATES DURING MAY 2ND - MAY 9TH, 2011.

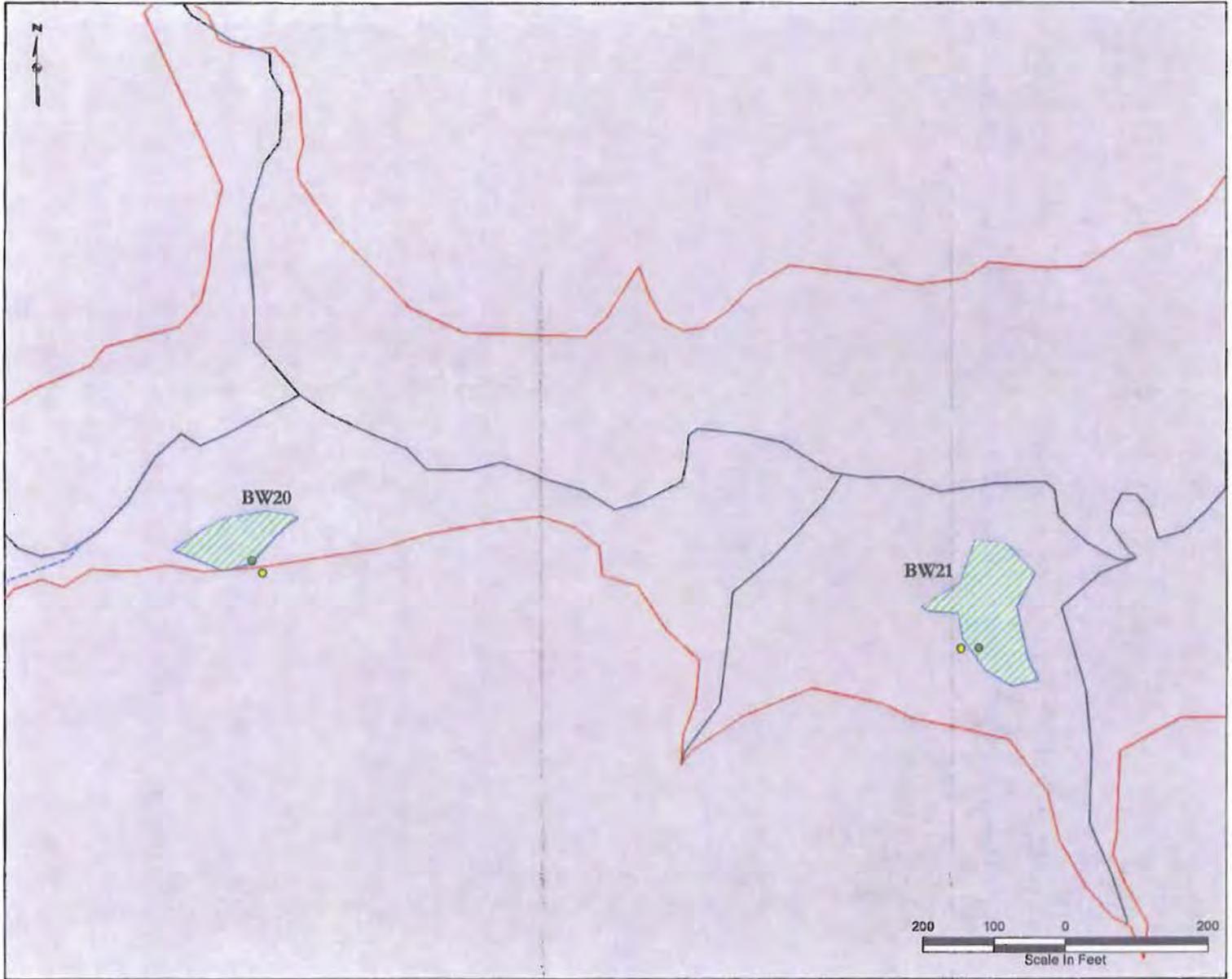
Kleinschmidt Project No. 1951001.01
 May 2011

WETLANDS MAP 7 OF 9

JURISDICTIONAL WATERS REPORT
 FIGURE 12

HALL COUNTY, GEORGIA

Kleinschmidt
 Environmental & Engineering
 1000 Peachtree Street, N.E.
 Atlanta, Georgia 30309
 Phone: 404.525.8800
 Fax: 404.525.8801
 www.kleinschmidt.com



- Paired Data - Upland
- Paired Data - Wetland
- ▨ Wetlands
- ~ Perennial Stream
- - - Intermittent Stream
- Proposed Normal High Water Elevation (1180 NGVD)

NOTE: EXISTING STREAMS AND PROPOSED NORMAL HIGH WATER ELEVATION (1180 NGVD) PROVIDED BY ECO SOUTH, INC. WETLANDS AND PAIRED DATA PLOT LOCATIONS DELINEATED BY KLEINSCHMIDT ASSOCIATES DURING MAY 2ND - MAY 9TH, 2011.

Kleinschmidt Project No. 1851001.01
May 2011

WETLANDS MAP 9 OF 9
JURISDICTIONAL WATERS REPORT
FIGURE 14

HALL COUNTY, GEORGIA

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