
ENVIRONMENTAL ASSESSMENT
of Modifications to the
RAW WATER STORAGE
IMPOUNDMENT
APPENDIX C: AGENCY COORDINATION
SAVANNAH HARBOR EXPANSION PROJECT
Chatham County, Georgia and Jasper County, South Carolina

July 2013



**US Army Corps
of Engineers**
*Savannah District
South Atlantic Division*

Georgia Department of Natural Resources
Environmental Protection Division

2 Martin Luther King Jr. Dr., S.E., Suite 1152 East, Atlanta, Georgia 30334
Judson H. Turner, Director
(404) 656-4713

February 4, 2013

Mr. Daniel E. Johnson, P.E.
CDMthompson
8381 Dix Ellis Trail
Suit 400
Jacksonville, Fl 32256

RE: Plan Approval
97 MG Savannah Raw Water Storage Impoundment
Addition of Powered Activated Carbon (PAC) System
48" DIP Raw Water Pipes, Transfer Pump Station
Augusta Road & Interstate 95
Savannah I & D Filtration Plant (WSID# 0510004)
Chatham, County, Georgia

Dear Mr. Johnson:

Plans and specifications for the above referenced project that were submitted by CDMthompson Consulting Engineers have been reviewed and are hereby approved by the Drinking Water Program of the Environmental Protection Division (EPD) contingent upon:

A. Raw Water Intake and Pump Station

The impoundment intake should be capable of withdrawing water from various levels and should prevent algae scum, trash, logs, or fish from the pump station. The raw water pump station structure must be constructed above 100-year flood plain elevation.

B. Powdered Activated Carbon (PAC) System

Powered activated carbon must be handled as a potentially combustible material. It should be stored in a building or compartment as nearly fireproof as possible. Other chemicals should not be stored in the same compartment. A separate room should be provided for carbon feed installations. Carbon feeder rooms should be equipped with explosion-proof electrical outlets, lights and motors.

C. Operations and Maintenance Plan

The City of Savannah shall develop Operations and Maintenance Plan (O & M Plan) and standard operating procedures for the new raw water impoundment and pump station. The plan must be prepared in accordance with the Georgia Rules for Safe Drinking Water Chapter 391-3-5.14 (12), "Operation and Maintenance Plan-Guidance Manual for Preparing Public Water Supply System O & M Plans" latest edition. The O & M Plan should include a raw water quality monitoring plan and algae-growth prevention plan.

D. Construction Inspection

The City of Savannah must contact the Drinking Water Program prior to operation of the new raw water impoundment and pumping station in order to schedule a final construction inspection.

E. Engineer's Certification

Upon completion of the raw water impoundment facility, the City of Savannah must send to the EPD Drinking Water Program, a statement from the engineer who prepared the plans and specifications that the new raw water impoundment facility was constructed in accordance with the approved plans and specifications, as required under the Georgia Rules for Safe Drinking Water Chapter 391-3-5-.05(6).

Please be reminded that all materials and products that come into contact with drinking water during its treatment, storage, transmission or distribution shall be certified for conformance with American National Standards Institute/National Sanitation Foundation Standard 61 (ANSI/NSF Standard 61) by an American National Standards Institute (ANSI) approved third-party certification program or laboratory. In addition, any pipe, solder, or flux which is used in the installation or repair of the public water distribution system shall be lead free with not more than 8.0% lead in pipes and fittings and not more than 0.2% lead in solders and flux. Finally, if applicable, a land disturbing activity permit must be obtained (either from local government or EPD) prior to the start of any construction. Depending on your site, you may also be required to file a Notice of Intent (NOI) with EPD to be covered under the General Permit for Stormwater Discharge Associated with Construction.

The Division's approval includes: a 97 MG raw water impoundment; PAC system; 48" DIP, four (4) vertical turbine transfer pumps and installation of related appurtenances.

The Division's approval is valid for one year from the date of this letter. If the construction has not begun by that date, the Division may choose to reevaluate the project with regard to the Rules and Regulations in effect at that time.

If you have any questions concerning this letter, please contact this office at the number below.

Sincerely,



Peter C. Nwogu
Environmental Engineer
Drinking Water Permitting & Engineering Program
Phone: (404) 651- 8427

cc: Mr. John Sawyer, City of Savannah
File: WSID# 0510004



REPLY TO
ATTENTION OF:

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

NOVEMBER 05 2012

Regulatory Division
SAS-2012-00749

Ms. Hope Moorer
Georgia Ports Authority
Post Office Box 2406
Savannah, Georgia 31402

Dear Ms. Moorer:

I refer to a letter dated August 16, 2012, submitted on your behalf by CDM Thompson Joint Venture requesting a jurisdictional determination for your 116.82 acre site located east of State Route 21, west of Interstate 95, in the City of Port Wentworth, Chatham County, Georgia (Latitude 32.2063, Longitude -81.1862). This project has been assigned number SAS-2012-00749 and it is important that you refer to this number in all communication concerning this matter.

We have completed a preliminary Jurisdictional Determination (JD) for the site pursuant to the March 4, 2009, Public Notice entitled, "Characterization of Jurisdictional Determinations: Purpose, Application and Documentation Requirements as Defined by the Savannah District, US Army Corps of Engineers." I have enclosed a "JD Check Sheet" that summarizes the JD, delineation verification and appeals process.

The wetlands/other waters on the subject property may be waters of the United States within the jurisdiction of Section 404 of the Clean Water Act (CWA) (33 United States Code 1344). The placement of dredged or fill material into any waterways and/or their adjacent wetlands or mechanized land clearing of those wetlands would require prior Department of the Army authorization pursuant to Section 404.

If you intend to sell property that is part of a project that requires Department of the Army Authorization, it may be subject to the Interstate Land Sales Full Disclosure Act. The Property Report required by Housing and Urban Development Regulation must state whether, or not a permit for the development has been applied for, issued or denied by the US Army Corps of Engineers (Part 320.3(h) of Title 33 of the Code of Federal Regulations).

This communication does not convey any property rights, either in real estate or material, or any exclusive privileges. It does not authorize any injury to property, invasion of rights, or any infringement of federal, state or local laws, or regulations. It does not obviate your requirement

to obtain state or local assent required by law for the development of this property. If the information you have submitted, and on which the US Army Corps of Engineers has based its determination is later found to be in error, this decision may be revoked.

Copies of this letter are being provided to the following parties: Mr. Shayne Wood, CDM Thompson Joint Venture, 8381 Dix Ellis Trail, Suite 400, Jacksonville, Florida 32256; and Mr. Ken Ceglady, Environmental Resource Solutions, 8711 Perimeter Park Boulevard, Suite 1, Jacksonville, Florida 32216.

Thank you in advance for completing our Customer Survey Form. This can be accomplished by visiting our web site at <http://per2.nwp.usace.army.mil/survey.html> and completing the survey on-line. We value your comments and appreciate your taking the time to complete a survey each time you interact with our office. If you have any questions, please call Shaun Blocker, Project Manager, Coastal Branch at 912-652-5086.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kelly C. Finch', with a stylized flourish at the end.

Kelly C. Finch
Chief, Coastal Branch

Enclosures



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

REPLY TO
ATTENTION OF:

JURISDICTION DELINEATION CHECK SHEET
USACE FILE NUMBER: SAS-2012-00749
DATE: November 1, 2012

A. SECTION 1 - PRELIMINARY JURISDICTIONAL DETERMINATIONS

1. JURISDICTIONAL DETERMINATION (JD). A "preliminary JD" form was completed for the site in accordance with the March 4, 2009, Public Notice entitled, "Characterization of Jurisdictional Determinations: Purpose, Application and Documentation Requirements as Defined by the Savannah District, US Army Corps of Engineers." The form details whether streams, wetlands and/or other waters present on the site may be subject to the jurisdiction of the US Army Corps of Engineers (USACE). In summary, the USACE has determined the following with regard to waters present on the site:

There may be navigable waters of the United States (US) within Rivers and Harbors Act (RHA) jurisdiction present.

There may be waters of the US within Clean Water Act (CWA) jurisdiction present.

2. DELINEATION VERIFICATION. With regard to the location and extent of potentially jurisdictional areas present on the site, the USACE has made the following determinations:

Wetlands were delineated in accordance with criteria contained in the 1987 "Corps of Engineers Wetland Delineation Manual," as amended by the most recent regional supplements to the manual.

Drawings submitted with a Pre-Construction Notification (or other application) depict the approximate location/boundaries of all potentially jurisdictional waters on the project site. The USACE has verified the accuracy of the depicted boundaries of potentially jurisdictional waters in only the immediate vicinity of waters to be impacted. A complete jurisdictional delineation request, including a jurisdictional waters survey, would be required in order for the USACE to consider final verification of all other jurisdictional boundaries on the project site.

The drawing entitled "Savannah Raw Water Storage Wetlands Map & USACE Data Point Locations," dated October 3, 2012, is an acceptable sketch of the approximate location/boundaries of all the potentially jurisdictional waters in the project area. This sketch can be used for initial real estate planning; projects with temporary impacts to waters; projects involving minor amounts of fill in waters; or work only subject to our jurisdiction pursuant to Section 10 of the Rivers and Harbors Act of 1899. A complete jurisdictional delineation request, including a jurisdictional waters survey, would be required in order for the USACE to consider final verification of all other jurisdictional boundaries on the project site.

3. APPEALS OF PRELIMINARY JURISDICTIONAL DETERMINATIONS: The preliminary JD is a “non-binding” written indication that there may be waters of the US on a parcel. Preliminary JDs are advisory in nature and may not be appealed (See 33 CFR 331.2).” If you are not in agreement with this preliminary JD, then you may request an approved jurisdictional determination for your project site or review area.

B. SECTION - EXPANDED PRELIMINARY JURISDICTIONAL DETERMINATIONS:

1. JURISDICTIONAL DETERMINATION (JD). An “expanded preliminary JD” form was completed for the site in accordance with the March 4, 2009, Public Notice entitled, “Characterization of Jurisdictional Determinations: Purpose, Application and Documentation Requirements as Defined by the Savannah District, US Army Corps of Engineers.” The form details whether streams, wetlands and/or other waters present on the site may be subject to the jurisdiction of the USACE. In summary, the USACE has determined the following with regard to waters present on the site:

_____ There may be navigable waters of the United States (US) within Rivers and Harbors Act (RHA) jurisdiction present.

_____ There may be waters of the US within Clean Water Act (CWA) jurisdiction present.

2. DELINEATION VERIFICATION. With regard to the location and extent of potentially jurisdictional areas present on the site, the USACE has made the following determinations:

_____ Wetlands were delineated in accordance with criteria contained in the 1987 "Corps of Engineers Wetland Delineation Manual," as amended by the most recent regional supplements to the manual.

_____ The Global Positioning System (GPS) delineation entitled “_____”, dated _____, is an accurate delineation of the location/boundaries of all the potentially jurisdictional waters on the site. If you have not already done so, I recommend that you place a statement on this delineation to the effect that, **"WETLANDS AND OTHER WATERS SHOWN ON THIS DRAWING ARE POTENTIALLY UNDER THE JURISDICTION OF THE US ARMY CORPS OF ENGINEERS AS SHOWN IN USACE FILE NUMBER SAS-2012-00749. OWNERS MAY BE SUBJECT TO PENALTY BY LAW FOR DISTURBANCE TO THESE WATERS WITHOUT PROPER AUTHORIZATION."** This delineation will remain valid for a period of 5 years unless new information warrants revision prior to that date.

_____ The survey entitled “_____”, dated _____, and signed by Registered Land Surveyor _____, is an accurate delineation of the location/boundaries of all the potentially jurisdictional waters on the site. If you have not already done so, I recommend that you place a statement on the final surveyed property plat to the effect

that, "WETLANDS AND OTHER WATERS SHOWN ON THIS DRAWING ARE POTENTIALLY UNDER THE JURISDICTION OF THE US ARMY CORPS OF ENGINEERS AS SHOWN IN USACE FILE NUMBER SAS-2012-00749. OWNERS MAY BE SUBJECT TO PENALTY BY LAW FOR DISTURBANCE TO THESE WATERS WITHOUT PROPER AUTHORIZATION." This delineation will remain valid for a period of 5-years unless new information warrants revision prior to that date.

3. APPEALS OF PRELIMINARY JURISDICTIONAL DETERMINATIONS: The expanded preliminary JD is a "non-binding" written indication that there may be waters of the US on a parcel. Expanded Preliminary JDs are advisory in nature and may not be appealed (See 33 CFR. 331.2)." If you are not in agreement with this expanded Preliminary JD, then you may request an approved jurisdictional determination for your project site or review area.

C. SECTION 3 - APPROVED DETERMINATIONS: As defined in Regulatory Guidance Letter 08-02, an approved JD is an official Savannah District determination that jurisdictional "waters of the United States" or "navigable waters of the United States," or both, are either present or absent on a particular site. An approved JD precisely identifies the limits of those waters on the project site determined to be jurisdictional under the Clean Water Act (CWA) and/or the Rivers and Harbors Act (RHA).

1. JURISDICTIONAL DETERMINATION (JD). An "approved JD" form was completed for the site pursuant to the June 5, 2007, "US Army Corps of Engineers (USACE) JD Form Instructional Guidebook." The form details whether streams, wetlands and/or other waters present on the site are subject to the jurisdiction of the USACE. In summary, the USACE has determined the following with regard to waters present on the site:

_____ There are navigable waters of the (US) within (RHA) jurisdiction present.

_____ There are waters of the US within (CWA) jurisdiction present.

_____ There are non-jurisdictional waters of the US located in the project area.

_____ There are no jurisdictional waters of the US located in the project area.

2. APPROVED DETERMINATION - ISOLATED, NON-JURISDICTIONAL WATERS. If Appendix E of the March 4, 2009, Public Notice entitled, "Characterization of Jurisdictional Determinations: Purpose, Application and Documentation Requirements as Defined by the Savannah District, US Army Corps of Engineers" was submitted, you have requested that the USACE verify the presence of isolated, non-jurisdictional waters located at the project site or within the review area. The completed Appendix E form is available at <https://sasweb.sas.usace.army.mil/JD/>, under the above listed file number. You may also request that a printed copy of the form be mailed to you. This isolated, non-jurisdictional determination will remain valid for a period of 5-years unless new information warrants revision prior to that

date. In summary, the USACE has determined the following with regard to isolated, non-jurisdictional waters that are present on the site:

_____ Wetlands were delineated in accordance with criteria contained in the 1987 "Corps of Engineers Wetland Delineation Manual," as amended by the most recent regional supplements to the manual.

_____ There are isolated non-jurisdictional waters present that are not subject to CWA jurisdiction. Specifically, wetland(s) [letter of wetlands here], as identified on the exhibit entitled "_____" is/are isolated, non-jurisdictional wetlands. Department of the Army authorization, pursuant to Section 404 of the Clean Water Act (33 U.S.C. 1344), is not required for dredge and/or fill activities in these areas.

3. APPROVED DETERMINATION. (other than isolated, non-jurisdictional waters): If Appendix B of the March 4, 2009, Public Notice entitled, "Characterization of Jurisdictional Determinations: Purpose, Application and Documentation Requirements as Defined by the Savannah District, US Army Corps of Engineers" was submitted, you have requested that the USACE verify the presence of jurisdictional waters located at the project site or within the review area. The completed Appendix B form is available at <https://sasweb.sas.usace.army.mil/JD/>, under the above listed file number. You may also request that a printed copy of the form be mailed to you. This jurisdictional determination will remain valid for a period of 5-years unless new information warrants revision prior to that date. In summary, the USACE has determined the following with regard to isolated, non-jurisdictional waters that are present on the site:

_____ Wetlands were delineated in accordance with criteria contained in the 1987 "Corps of Engineers Wetland Delineation Manual," as amended by the most recent regional supplements to the manual.

_____ The Global Positioning System (GPS) delineation entitled "_____", dated _____, is an accurate delineation of all the jurisdictional boundaries on the site. If you have not already done so, I recommend that you place a statement on this delineation to the effect that, "**JURISDICTIONAL WETLANDS AND OTHER WATERS SHOWN ON THIS DRAWING ARE UNDER THE JURISDICTION OF THE US ARMY CORPS OF ENGINEERS AS SHOWN IN USACE FILE NUMBER SAS-2012-00749. OWNERS MAY BE SUBJECT TO PENALTY BY LAW FOR DISTURBANCE TO THESE JURISDICTIONAL AREAS WITHOUT PROPER AUTHORIZATION.**" This approved jurisdictional determination will remain valid for a period of 5-years unless new information warrants revision prior to that date.

_____ The survey entitled "_____", dated _____, and signed by Registered Land Surveyor _____, is an accurate delineation of all the jurisdictional boundaries on the site. If you have not already done so, I recommend that you

place a statement on the final surveyed property plat to the effect that, "**JURISDICTIONAL WETLANDS AND OTHER WATERS SHOWN ON THIS DRAWING ARE UNDER THE JURISDICTION OF THE US ARMY CORPS OF ENGINEERS AS SHOWN IN USACE FILE NUMBER SAS-2012-00749. OWNERS MAY BE SUBJECT TO PENALTY BY LAW FOR DISTURBANCE TO THESE JURISDICTIONAL AREAS WITHOUT PROPER AUTHORIZATION.**" This approved jurisdictional determination will remain valid for a period of 5-years unless new information warrants revision prior to that date.

4. APPEALS FOR APPROVED JURISDICTIONAL DETERMINATIONS: You may request an administrative appeal for any approved geographic jurisdictional determination under USACE regulations at 33 Code of Federal Regulation (CFR) Part 331. Enclosed you will find a Notification of Administrative Appeal Options and Process and Request for Appeal (RFA) Form.

If you request to appeal this/these determination(s) you must submit a completed RFA form to the South Atlantic Division Office at the following address:

US Army Corps of Engineers, South Atlantic Division
Attention: CESAD-PDS-O, Administrative Appeal Review Officer
60 Forsyth Street, Room 10M15
Atlanta, Georgia 30303-8801

In order for a RFA to be accepted by the USACE, the USACE must determine that it is complete, that it meets the criteria for appeal under 33 CFR, part 331.5, and that it has been received by the Division Office within 60 days of the date of this form. It is not necessary to submit an RFA form to the Division Office if you do not object to this jurisdictional determination.

D. SECTION 4 - APPLIES TO ALL OF THE ABOVE.

- US DEPARTMENT OF AGRICULTURE (USDA) PROGRAM PARTICIPANTS. This delineation/determination has been conducted to identify the limits of USACE CWA jurisdiction for this site. This delineation/determination may not be valid for the wetland conservation provisions of the Food Security Act of 1985, as amended. If you or your tenant are USDA program participants, or anticipate participation in USDA programs, you should request a certified wetland determination from the local office of the Natural Resources Conservation Service prior to starting work.

Attachments:

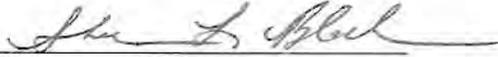
_____ Verified Survey of Jurisdictional Streams, Wetlands and/or Other Waters

_____ Verified GPS Delineation of Jurisdictional Streams, Wetlands and/or Other Waters

Drawing of Approximate Location of Streams, Wetlands and/or Other Waters

Approved Jurisdictional Determination Form(s)

Notification of Administrative Appeal Options and Process and Request for Appeal Form



Shaun L. Blocker
Project Manager, Coastal Branch



DATE

**NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS
AND REQUEST FOR APPEAL**

Applicant: Ms. Hope Moorner – Georgia Ports Authority	File Number: SAS-2012-00749	Date: October 3, 2012
Attached is:	See Section below	
<input type="checkbox"/> INITIAL PROFFERED PERMIT (Standard Permit or Letter of permission)	A	
<input type="checkbox"/> PROFFERED PERMIT (Standard Permit or Letter of permission)	B	
<input type="checkbox"/> PERMIT DENIAL	C	
<input type="checkbox"/> APPROVED JURISDICTIONAL DETERMINATION	D	
<input checked="" type="checkbox"/> PRELIMINARY JURISDICTIONAL DETERMINATION	E	

SECTION I - The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at <http://www.usace.army.mil/inet/functions/cw/cecwo/reg> or Corps regulations at 33 CFR Part 331.

A: INITIAL PROFFERED PERMIT: You may accept or object to the permit.

ACCEPT: If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.

OBJECT: If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may request that the permit be modified accordingly. You must complete Section II of this form and return the form to the district engineer. Your objections must be received by the district engineer within 60 days of the date of this notice, or you will forfeit your right to appeal the permit in the future. Upon receipt of your letter, the district engineer will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b) modify the permit to address some of your objections, or (c) not modify the permit having determined that the permit should be issued as previously written. After evaluating your objections, the district engineer will send you a proffered permit for your reconsideration, as indicated in Section B below.

B: PROFFERED PERMIT: You may accept or appeal the permit.

ACCEPT: If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.

APPEAL: If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

C: PERMIT DENIAL: You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

D: APPROVED JURISDICTIONAL DETERMINATION: You may accept or appeal the approved JD or provide new information.

ACCEPT: You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date of this notice means that you accept the approved JD in its entirety, and waive all rights to appeal the approved JD.

APPEAL: If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. The division engineer must receive this form within 60 days of the date of this notice.

E: PRELIMINARY JURISDICTIONAL DETERMINATION: You do not need to respond to the Corps regarding the preliminary JD. The Preliminary JD is not appealable. If you wish, you may request an approved JD (which may be appealed), by contacting the Corps district for further instruction. Also you may provide new information for further consideration by the Corps to reevaluate the JD.

SECTION II - REQUEST FOR APPEAL or OBJECTIONS TO AN INITIAL PROFFERED PERMIT

REASONS FOR APPEAL OR OBJECTIONS: (Describe your reasons for appealing the decision or your objections to an initial proffered permit in clear concise statements. You may attach additional information to this form to clarify where your reasons or objections are addressed in the administrative record.)

ADDITIONAL INFORMATION: The appeal is limited to a review of the administrative record, the Corps memorandum for the record of the appeal conference or meeting, and any supplemental information that the review officer has determined is needed to clarify the administrative record. Neither the appellant nor the Corps may add new information or analyses to the record. However, you may provide additional information to clarify the location of information that is already in the administrative record.

POINT OF CONTACT FOR QUESTIONS OR INFORMATION:

If you have questions regarding this decision and/or the appeal process you may contact:

Shaun Blocker
US Army Corps of Engineers, Savannah District
100 W. Oglethorpe Avenue
Savannah, Georgia 31401-3640
912-652-5086

If you only have questions regarding the appeal process you may also contact:

Administrative Appeal Review Officer
CESAD-PDS-O
US Army Corps of Engineers, South Atlantic Division
60 Forsyth Street, Room 10M15
Atlanta, Georgia 30303-8801

RIGHT OF ENTRY: Your signature below grants the right of entry to Corps of Engineers personnel, and any government consultants, to conduct investigations of the project site during the course of the appeal process. You will be provided a 15-day notice of any site investigation, and will have the opportunity to participate in all site investigations.

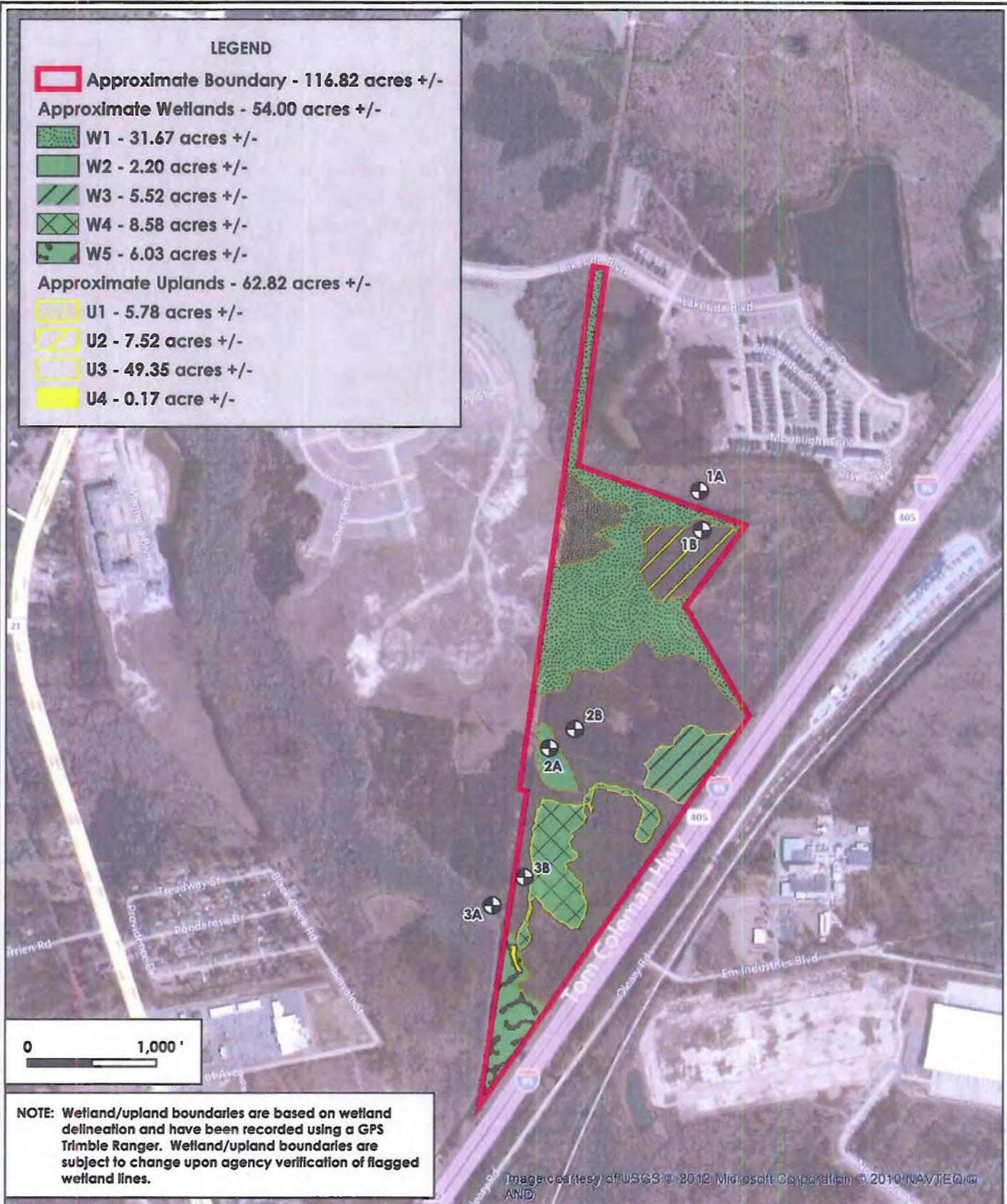
Signature of appellant or agent.

Date: _____

Telephone number: _____

LEGEND

- Approximate Boundary - 116.82 acres +/-**
- Approximate Wetlands - 54.00 acres +/-**
- W1 - 31.67 acres +/-**
- W2 - 2.20 acres +/-**
- W3 - 5.52 acres +/-**
- W4 - 8.58 acres +/-**
- W5 - 6.03 acres +/-**
- Approximate Uplands - 62.82 acres +/-**
- U1 - 5.78 acres +/-**
- U2 - 7.52 acres +/-**
- U3 - 49.35 acres +/-**
- U4 - 0.17 acre +/-**



NOTE: Wetland/upland boundaries are based on wetland delineation and have been recorded using a GPS Trimble Ranger. Wetland/upland boundaries are subject to change upon agency verification of flagged wetland lines.

Image courtesy of USGS © 2012, Microsoft Corporation © 2010 NAVTEQ © AND



8711 Perimeter Park Blvd.,
Suite 1
Jacksonville, FL 32216

(904) 285-1397
mail@ersenvironmental.com

**Savannah Raw Water Storage
Wetlands Map &
USACE Data Point Locations**

Project No.:	12064
Exhibit No.:	3
Date:	7-10-12
Rev. Date:	10-3-12





Georgia Environmental Protection Division

Coastal District Office
400 Commerce Center Drive
Brunswick, Georgia 31523-8251
Judson H. Turner, Director
Phone: (912) 264-7284
Fax: (912) 262-3160

January 31, 2013

Department of the Army
Savannah District, Corps of Engineers
c/o Mr. William G. Bailey
100 West Oglethorpe Avenue
Savannah, GA 31401-3640

Re: Proposed Land Disturbing Activity
Raw Water Storage Impoundment (Savannah Harbor Expansion Project)
Chatham County, Georgia
File: SW-025-04-103

Dear Mr. Bailey:

In accordance with the General NPDES Permit No. GAR100001 for Storm Water Discharges Associated with Construction Activities for Stand Alone Construction Projects, issued by the Georgia Environmental Protection Division (EPD) in August 2008, this Project has been reviewed for deficiencies in the identification of waters of the state and stream buffer variance requirements.

Based upon this review, the EPD has determined the following:

- (1) The project does **not** have deficiencies in the identification of waters of the state.
- (2) The project will **not** require a stream buffer variance from the EPD.

However, the EPD reserves the right to change this determination if information that conflicts with the original submittal is obtained during a later site inspection.

Additionally, in accordance with the General NPDES Permit No. GAR100001, each Erosion, Sedimentation and Pollution Control Plan (ESPCP) submittal shall include a completed and applicable ESPCP Checklist established by the Georgia Soil and Water Conservation as of January 1 of the year in which the land-disturbing activity was permitted.

Raw Water Storage Impoundment (Savannah Harbor Expansion Project)

Page 2

A deficient ESPCP is a violation of the NPDES Permit. If violations occur on the proposed project site and enforcement actions become necessary, a deficient ESPCP may increase the fines incurred. The applicable Checklist as well as a guidance document are available on the Georgia EPD website @ www.gaepd.org.

Based upon this review, EPD has determined the following:

- (1) The ESPCP for this Project does **not** have deficiencies.

If additional information is required, please contact me at 912-554-3492.

Sincerely,



Shannon K. Winsness
Environmental Specialist

cc: Honorable Pete Liakakis
Chairman Chatham County
Board of Commissioners
124 Bull Street
Savannah, GA 31412

Alice Vick
EPD Coastal District Office
400 Commerce Center Drive
Brunswick, GA 31523-8251

GSWCC – Region 6
c/o Rahn Milligan
151 Langston Chapel Road
Suite 700
Statesboro, GA 30459

File: SW-025-04-103

 **GEORGIA**
DEPARTMENT OF NATURAL RESOURCES
HISTORIC PRESERVATION DIVISION

MARK WILLIAMS
COMMISSIONER

DR. DAVID CRASS
DIVISION DIRECTOR

November 7, 2012

Mr. William Bailey
US Army Corps of Engineers
Savannah District
100 West Oglethorpe Avenue
Savannah, Georgia 31401-3640
Attn: Julie Morgan, julie.a.morgan@usace.army.mil

RE: Compliance with Programmatic Agreement
Savannah Harbor Navigation Channel Project
Chatham County, Georgia
HP-911120-001

Dear Mr. Bailey:

The Historic Preservation Division (HPD) has received the report entitled *Phase I Cultural Resources Assessment of the Proposed Raw Water Storage Impoundment Facility, Chatham County, Georgia* prepared by Southeastern Archaeological Research, Inc. and dated September 12, 2012. Our review is in accordance with the Programmatic Agreement (PA) for the above referenced undertaking, which we signed November 22, 2011.

Based on the information provided, HPD agrees with the US Army Corps of Engineers (USACE) that the construction of the raw water storage impoundment facility and associated access road as part of the Savannah Harbor Expansion project will have no effect to historic properties within its area of potential effects, as defined in 36 CFR Part 800.4(d)(1).

Please submit one electronic copy of the report to HPD. Please ensure the electronic copy is an optical character enabled .pdf. For your information, the electronic file will be sent to the Georgia Archaeological Site File at the University of Georgia, Athens for permanent retention.

If you have any questions, please feel free to contact me at 404-651-6624 or via email at elizabeth.shirk@dnr.state.ga.us.

Sincerely,



Elizabeth Shirk
Environmental Review Coordinator