



MARK WILLIAMS
COMMISSIONER

A.G. 'SPUD' WOODWARD
DIRECTOR

JUL 31 2017

Alton Brown
Resource and Land Consultants
41 Park of Commerce Way, Suite 303
Savannah, GA 31405

**Re: Letter of Permission (LOP) and Letter of Acknowledge (LOA), International Paper,
Pipe Removal and Pipeline Installation, Savannah River, Chatham County, Georgia**

Dear Mr. Brown:

This Letter of Permission (LOP) and Letter of Acknowledgement (LOA) is in response to your requests received July 10, 2017. Both requests, on behalf of your client International Paper, are for activities to occur within an area of an existing easement from the State of Georgia. The need of the projects is being driven by the U.S. Army Corps of Engineers (USACOE) maintenance and deepening of the Savannah River shipping channel.

The first proposed project includes the removal of the existing 42-inch abandoned fiber-reinforced plastic (FRP) pipeline constructed in 1972, and the steep pipelines, including a 42-inch active effluent pipeline, a 10-inch active electrical pipeline, and a 6-inch abandoned empty pipe bundled to a 10-inch pipeline constructed in 1989.

A barge-mounted clamshell bucket rig will be used to uncover the 1972 42-inch FRP pipeline. The excavated over-cover sediment will be left on the river bottom and used as fill for the pipeline trench that will be left behind once the pipe is removed. The clamshell bucket will be used to grab and remove the FRP line in sections, as it is likely that the line will easily break apart during the removal process. The small concrete collars will be removed as whole pieces, while larger concrete blocks may have to be mechanically broken apart before removal.

The 1989 steel lines preferred removal includes the use of equipment similar to a drilling rig set-up to push and pull the lines out with the entire length of the line being pulled out in one operation. As proposed, the contractor will build a foundation stress wall as the mill end to pull against and install a hammer at the lagoon end to help get the pipe moving. This will limit any disturbance to the river bed. However, if this option is not viable, another option will be to use a barge-mounted clamshell bucket rig to uncover the pipeline. Again, excavated over-cover sediment will be left on the river bottom and used as fill for the pipeline trench that will be left behind once the pipe is removed. The clamshell bucket will be used to grab onto and remove the pipe, with the pipe likely having to be cut in several locations underwater to facilitate removal using the clam shell.

JUL 31 2017

International Paper LOP & LOA
Page 2 of 2

The second proposed project consists of the installation of a new pipeline extending under the Savannah River from the mill facility to the treatment facility on Hutchenson Island. The installation of the new pipeline will occur using horizontal directional drilling (HDD) or micro-tunneling technology. One of the two technologies will be used to facilitate installation of approximately 1,600 feet of 60-inch steel casing with a 42-inch steel carrier and conduit bundle. No impacts to jurisdiction is proposed.

The Department authorizes the removal of the existing pipes and has no objection to the directional drilling or micro-tunneling installation of the proposed new line as depicted in the attached project description and location map. Best Management Practices (BMPs) should be used to prevent any additional impacts at the site and to protect jurisdictional areas. Activities associated with the removal of the existing pipes cannot take place until 15-days after the date of this letter and must be completed within 6-months of the date of this letter.

No unauthorized equipment, materials or debris may be placed, disposed of, or stored in jurisdictional areas. Any incidental impacts associated with this project must be rectified by fully restoring areas to their pre-construction topographic and vegetative states.

This LOP and LOA is valid for the above referenced project. Any change in the use, location, dimensions, or configuration of the approved project, without prior notification and approval from this office could result on the revocation of this permission and acknowledgement. This project must comply with all other Federal, State, and local statutes, ordinances and regulations.

If you have any further questions or concerns in regard to this or any other projects please feel free to contact Deb Barreiro at 912.266.3695.

Sincerely,



Jill Andrews
Chief, Coastal Management Section

Enclosures: Description & Site Plan

cc: Sherelle Reinhardt, ACOE



10 July 2017

Mr. Karl Burgess
Georgia Department of Natural Resources
Coastal Resources Division
One Conservation Way, Suite 300
Brunswick, Georgia 31520

**Subject: International Paper Pipeline Installation
Chatham County, Georgia**

RLC# 16-162

Dear Mr. Burgess:

International Paper (IP) is proposing to install a new pipeline extending under the Savannah River from the Savannah Mill facility to the treatment facility on Hutchinson Island. The installation of the new pipeline will occur using horizontal directional drilling (HDD) or micro-tunneling technology. The project will most likely include micro-tunneling technology to facilitate installation of approximately 1,600 feet of 60 inch steel casing with a 42 inch steel carrier and conduit bundle however neither technique for installation will require impacts to jurisdictional waters. In addition, the proposed line will be installed within the limits of IP's easement located within the Savannah River and granted by the State of Georgia.

For your review and use, we have attached the following information:

- Exhibit depicting the proposed pipe location
- Copy of the existing easement from State of Georgia

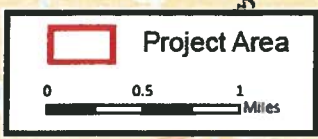
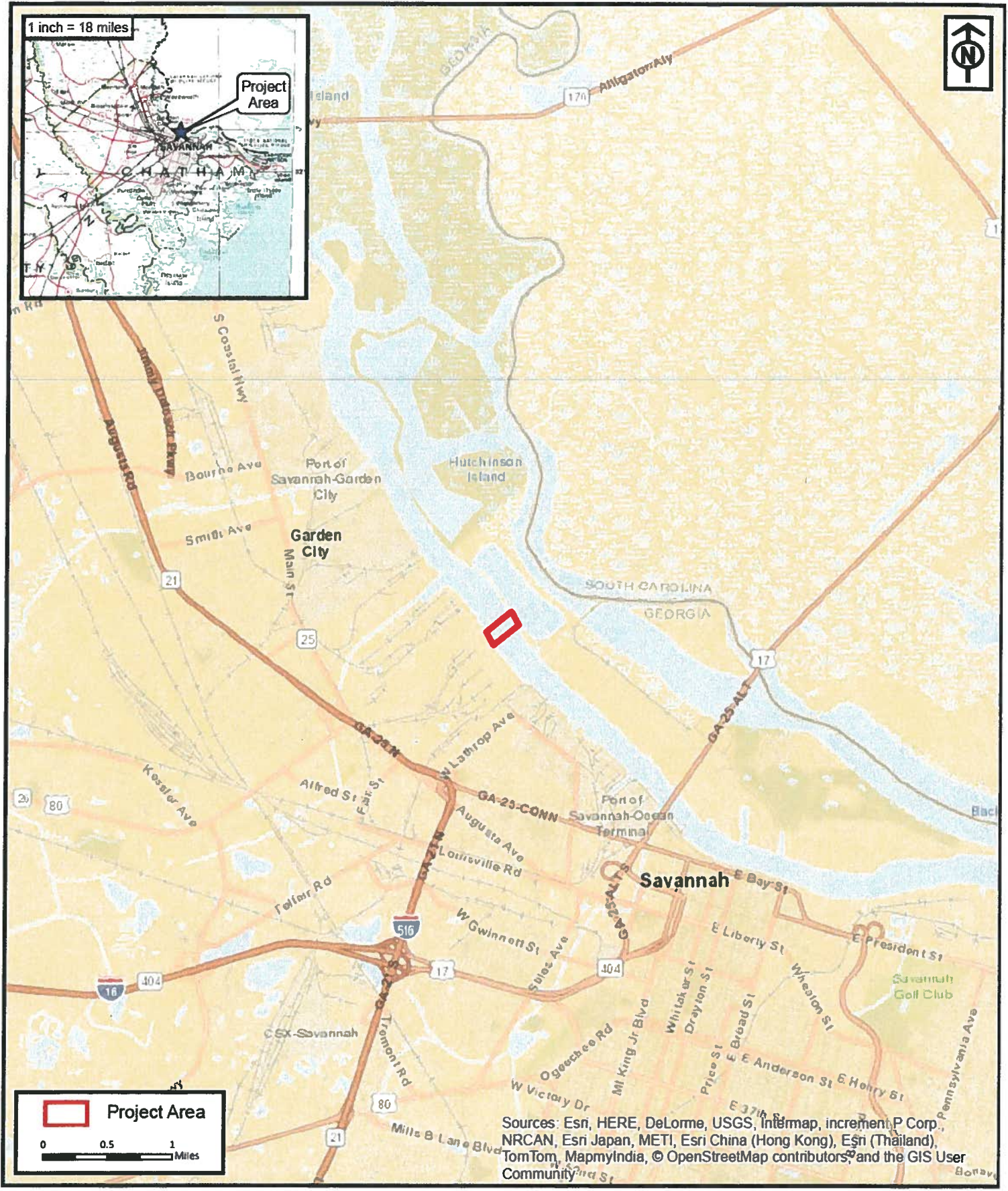
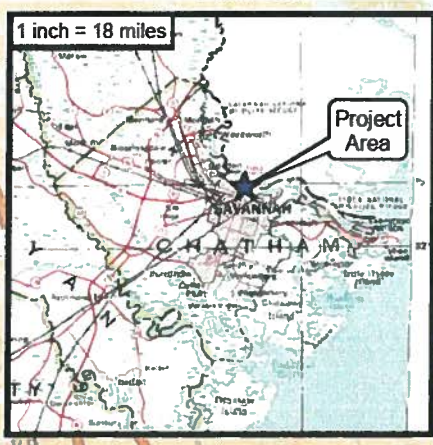
If you have any questions or require an additional information, please do not hesitate to contact us at (912) 443-5896.

Sincerely,

Alton Brown, Jr.
Principal
Resource & Land Consultants

Enclosures

cc: Mr. Chris Rogge – International Paper
Ms. Brittany Robinson – International Paper
Ms. Sarah Wise - USACE



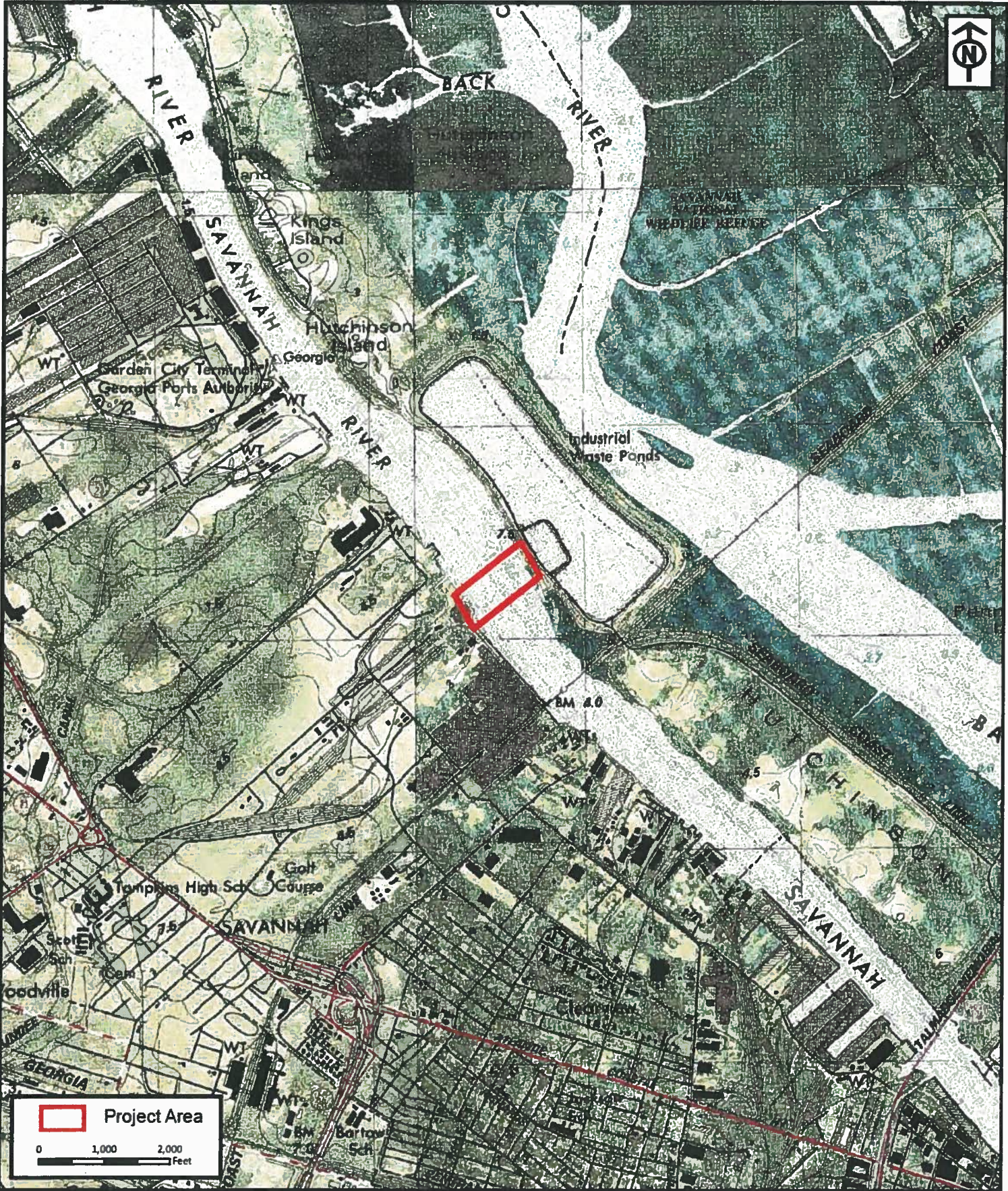
Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

| | |
|------------------|----------------|
| RLC Project No.: | 16-162 |
| Figure No.: | 1 |
| Prepared By: | MG |
| Sketch Date: | 7/6/2017 |
| Map Scale : | 1 in = 1 miles |

International Paper
Chatham County, Georgia

Project Location Map
Prepared For: International Paper

RLC
RESOURCE+LAND CONSULTANTS
41 Park of Commerce Way, Suite 200
Savannah, Georgia 31404
912-331-1800, www.rlc.com

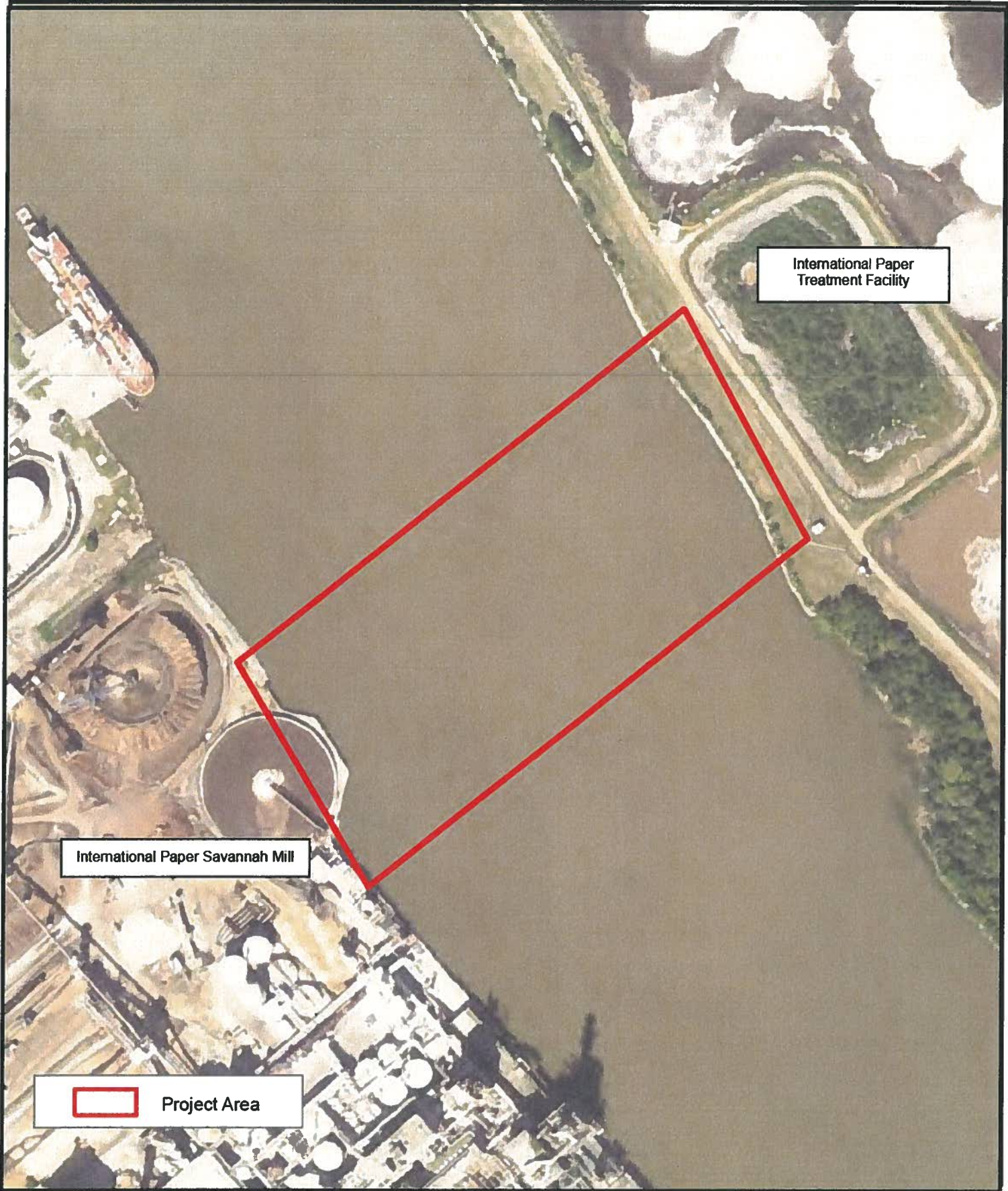


| | |
|------------------|---------------------|
| RLC Project No.: | 16-162 |
| Figure No.: | 2 |
| Prepared By: | MG |
| Sketch Date: | 7/6/2017 |
| Map Scale : | 1 inch = 2,000 feet |

**International
Paper**
Chatham County, Georgia

USGS Topographic Map
Prepared For: Trent Thompson

| |
|--------------------------------------------------------------------------------------------------------------|
| RLC |
| RESOURCE+LAND CONSULTANTS |
| 11 Park Ave., Suite 200, Wrentham, MA 01978 508-548-1100 • Fax 508-548-1101 912-111-3700 • www.rlc.com |



International Paper
Treatment Facility

International Paper Savannah Mill

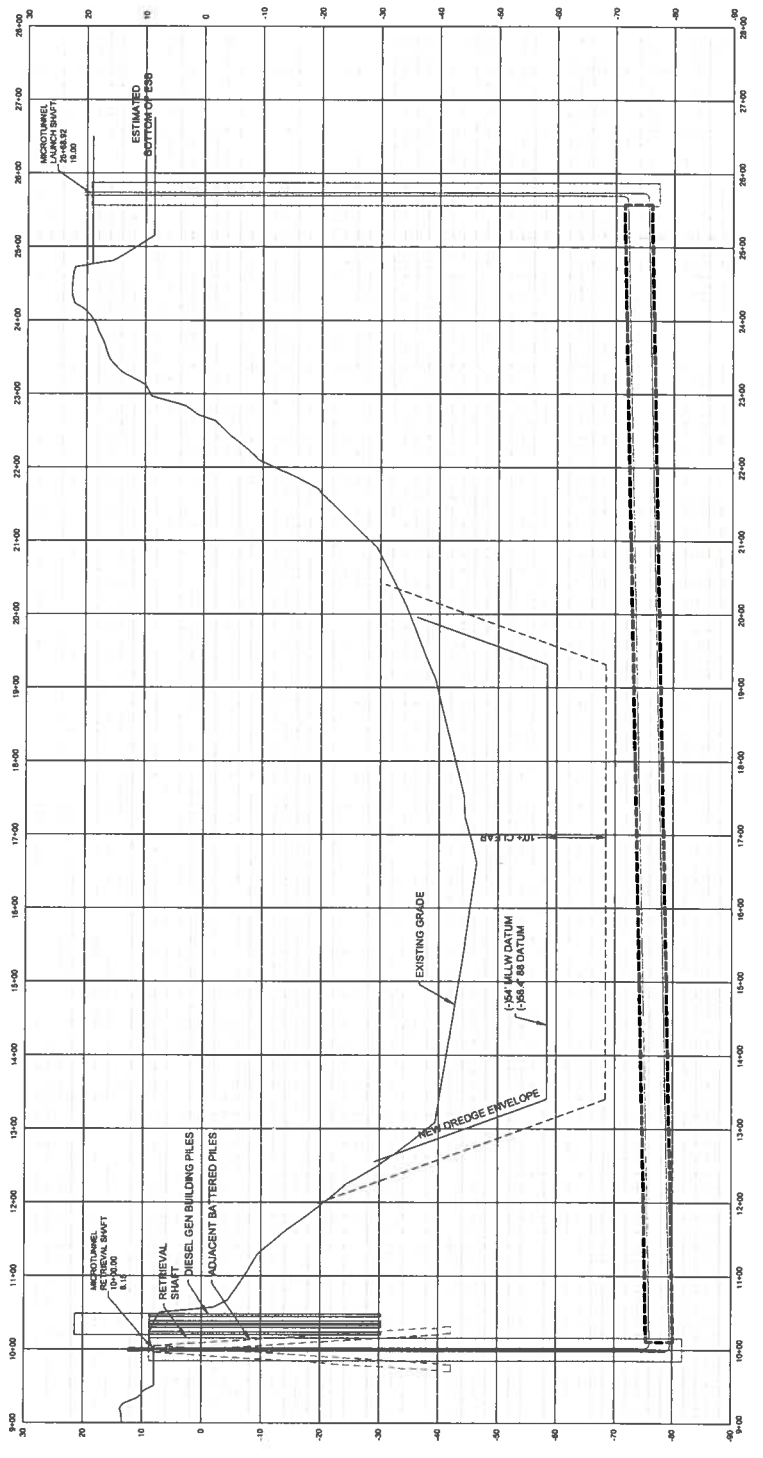
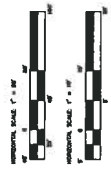
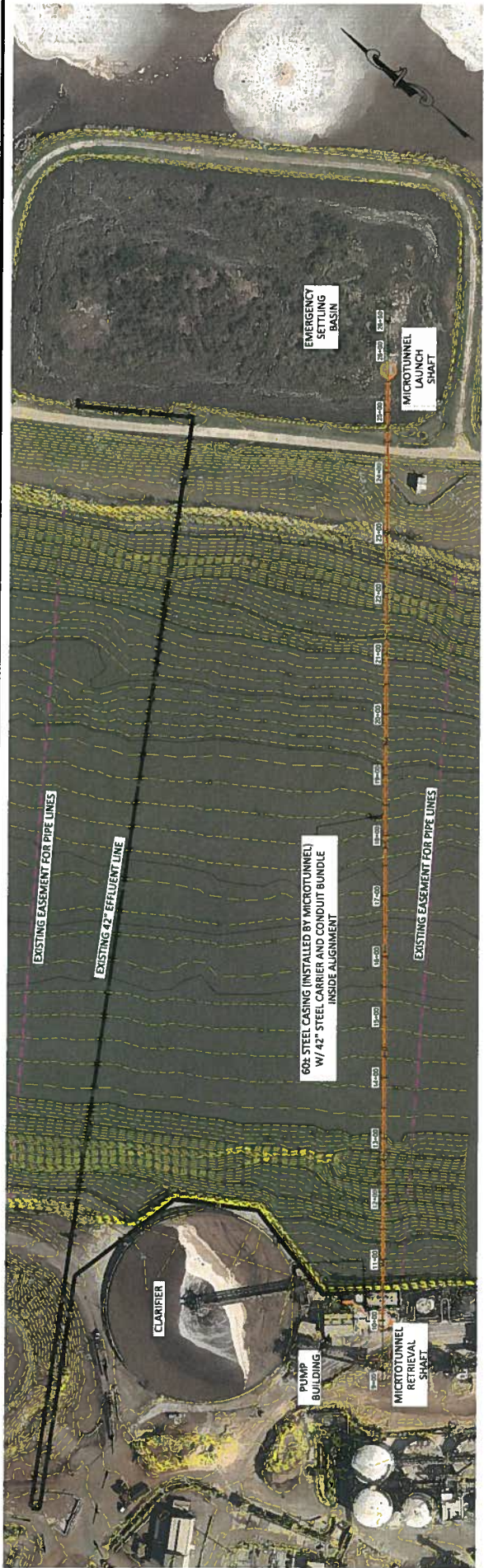
 Project Area

| | |
|------------------|-------------------|
| RLC Project No.: | 16-162 |
| Figure No.: | 3 |
| Prepared By: | MG |
| Sketch Date: | 7/6/2017 |
| Map Scale : | 1 inch = 300 feet |

International Paper
Chatham County, Georgia

2015 Ortho Aerial
Prepared For: International Paper

RLC
**RESOURCE+LAND
CONSULTANTS**
11794-12 Commerce Way, Ste. 100
Savannah, Georgia 31407-2000
912.833.9000 www.rlc.com



DRAWING
No.
SK-0002

IP SAVANNAH
RIVER CROSSING
OPTION 2
MICROTUNNEL
DATE: NOVEMBER 8, 2016
PREPARED FOR
INTERNATIONAL PAPER
JACOBS

RECORDED
STATE PROPERTIES COMMISSION

JUN 7 1989

11

STATE OF GEORGIA,
COUNTY OF FULTON:

REAL PROPERTY RECORDS

007813
EASEMENT

196

This Easement granted by the STATE OF GEORGIA, acting by and through its STATE PROPERTIES COMMISSION, hereinafter called the "Grantor," pursuant to a Resolution of the General Assembly of Georgia approved April 4, 1989, (being Senate Resolution Number 25 and Resolution Act Number 29 of the 1989 Regular Session of the General Assembly of Georgia) whose address is Post Office Box 38121, Capitol Hill Station, Atlanta, Georgia 30334, and the DEVELOPMENT AUTHORITY OF CHATHAM COUNTY, a public body corporate and politic duly organized and existing under the laws of Georgia, whose business address is Post Office Box 2687, Savannah, Georgia 31402, and UNION CAMP CORPORATION, a Virginia corporation, with an office and place of business in Chatham County, Georgia, whose business address is Post Office Box 570, Savannah, Georgia 31402, hereinafter collectively called "Grantees":

W I T N E S S E T H :

THAT WHEREAS; Grantees hold easements in, on, under, over, upon, across, and through certain Savannah River and stream bottom property of the State of Georgia under and by virtue of an easement agreement dated June 29, 1972, as recorded in the Office of the Clerk of the Superior Court of Chatham County, Georgia, in Record Book 102-E, Folio 654 from the State Properties Control Commission by virtue of a Resolution of the General Assembly of Georgia approved March 27, 1972 (being Senate Resolution Number 273 and Resolution Act Number 107 of the 1972 Regular Session of the General Assembly of Georgia), reference to such easements, Resolution and Resolution Act and the records thereof is hereby expressly made for all purposes hereof; and

Filed For Record At 3:38 O'Clock P.M. On The 13 Day Of June 19 89
Recorded In Record Book 142 E, Folio 196
On The 13 Day Of June 19 89
S. CLERK SUPERIOR COURT, CHATHAM CO., GA.
[Signature]

007813

WHEREAS, Grantees have requested permission to traverse certain additional portions of the real property of Grantor solely for the purposes hereinafter specified; and

WHEREAS, for the consideration herein named, Grantor is willing and has offered, and by these presents does hereby offer, to grant unto Grantees an Easement to use said property for such specified purposes subject to the continuing fulfillment by Grantees of the agreements, stipulations, covenants, promises, terms and conditions hereinafter set forth; and

WHEREAS, Grantees have accepted, and by these presents do hereby accept, Grantor's offer; and

WHEREAS, the State Properties Commission has determined that this easement should be supplementary to the said easement granted June 29, 1972, and that the area covered by said easement of June 29, 1972, also shall be embraced within the boundaries of the Easement as hereinafter described; and

WHEREAS, the monetary consideration set forth in said June 29, 1972, easement shall continue to be paid as provided in said easement agreement in addition to the monetary consideration hereinafter provided, such monetary consideration having been taken into account in setting the monetary consideration for the Easement for the lands hereinafter described.

NOW, THEREFORE, in consideration of the premises, the monetary consideration set forth in Section Two below and for other good and valuable consideration (including, but not limited to, those agreements and covenants of Grantees set forth in Section Six below) the receipt and sufficiency whereof is hereby acknowledged, Grantor hereby grants unto Grantees an Easement to use the property described in Section One hereof solely for the purposes specified in Section Three of these presents.

1.

PROPERTY IN WHICH EASEMENT IS GRANTED

All the hereinafter described land, together with the privilege of ingress thereto and egress therefrom over adjoining land of Grantor subject to the State Properties Commission's prior designation thereof in writing, said property being sometimes hereinafter referred to as "premises," to-wit: all those tracts of land more particularly described in Exhibit "A" which is attached hereto and by reference specifically incorporated herein.

2.

MONETARY CONSIDERATION

The Grantees, their successors and assigns, shall pay to Grantor, as monetary consideration for the granting of this Easement, the sum of Five Thousand and 00/100 Dollars (\$5,000.00) at the time of delivery of these presents.

3.

PURPOSES OF EASEMENT; TERMINATION UPON ABANDONMENT

The premises shall be used solely for the purposes of drilling, boring, constructing, laying, operating, maintaining, repairing, removing and replacing pipelines, conduits, outfall structure, diffuser system, and electrical cables in, on, under, over, upon, across and through the premises, with appurtenant apparatus, together with any and all such fixtures, equipment and appliances as may be necessary or convenient for use in connection therewith, hereinafter sometimes collectively referred to as "facilities." The Easement granted herein, being granted only for the purposes aforesaid, shall continue only so long as the Development Authority of Chatham County and Union Camp Corporation, or either of them, or their successors or assigns, continue to maintain and operate the facilities and should the facilities be abandoned, this Easement shall, without notice, immediately terminate.

4.

REMOVAL OF FACILITIES

199

Within a reasonable time, not to exceed six (6) months, after termination of this Easement pursuant to Section Three above, Grantees covenant and agree to remove the facilities from the premises and restore the premises to their condition as the same existed on the date of Grantees' entry thereon. Grantees hereby further covenant and agree that they shall proceed, if written notice of such termination is given by the State Properties Commission, expeditiously to remove the facilities with all possible haste and to restore the premises as aforesaid and that if they fail to so remove the facilities or to restore the premises as aforesaid within six (6) months after service of such written notice of termination, then Grantees shall be liable to Grantor for any damages suffered by Grantor by reason of Grantees' failure so to do and shall in addition, reimburse Grantor for any expenses incurred by Grantor in performing any act or doing anything required to remove the facilities or to restore the premises as aforesaid necessitated by Grantee's failure.

5.

NOTICES

All notices hereby, which shall include statements, demands, requests, consents, approvals and authorizations, given by either party to the other shall be in writing and sent by United States Registered or Certified Mail, postage prepaid, to the party to be notified at such party's address as is herein set forth. The day upon which any of the above enumerated communications is so mailed shall be treated as the date of service. Either party may from time to time by notice to the other designate a different address to which notices shall be sent.

RIVERBANKS/MARINE LIFE

As additional consideration for the execution by Grantor of this Easement, Grantees covenant and agree to take all necessary action, including the expenditure of money, to:

(a) protect and preserve marine plant and animal life in the subject river bottom area;

(b) protect and preserve the river banks adjacent to the premises from any erosion caused by the installations authorized by Section Three hereof.

INSTALLATION OF THE FACILITIES

Grantees hereby covenant and agree that the facilities constructed pursuant to this Easement shall be constructed or reconstructed in such a manner so as to conform to the minimum requirements of the U.S. Army Corps of Engineers. This Easement shall be subject to the permit requirements of the U.S. Army Corps of Engineers.

DREDGING BY GRANTEES

Grantees further covenant and agree that any sand, rock, minerals or other materials dredged by Grantees from the river bottom in the prosecution of their use of this Easement shall be removed evenly and no large refuse piles and/or ridges across the bed of the river bottom, or deep holes therein which may have a tendency to cause injury to navigation or the banks of said river, shall be created or allowed to exist by Grantees and that the formation of permanent ridges across the river bottom shall not be created or allowed to occur by Grantees.

USE BY PUBLIC

Grantees further covenant and agree that Grantees shall in no way forbid or interfere with the full and free use by the

public of the waters over and around the facilities for navigation, sport, fishing, recreation and pleasure.

201

10.

DREDGING TO IMPROVE NAVIGATION

Grantees expressly covenant and agree that if after the execution by Grantor of this Easement any agency, department, commission, instrumentality, board, or public corporation of the United States of America or of the State of Georgia with jurisdiction should determine the necessity or desirability of the dredging of the river bottom over and under which the facilities are or will be located so as to improve the navigation capabilities of the said river, then Grantees shall, upon notice by such agency, department, commission, instrumentality, board, or public corporation, within a reasonable time and at their own expense remove, relocate, or reconstruct the facilities to a depth or to such other property of Grantor as Grantor may designate so as not to hinder, delay, hamper, or prevent the said dredging. This Easement shall not limit any independent rights for reimbursement which Grantees may have against parties other than agencies, departments, commissions, instrumentalities, boards, or public corporations of the State of Georgia to be reimbursed for said removal, relocation, or reconstruction or to have other parties perform the actual work.

11.

DELETERIOUS CONDITIONS

Grantees expressly covenant and agree that they will construct, operate and maintain the facilities in such a manner so as to prevent conditions deleterious to human health, game and fish, or so as to prevent conditions hazardous to navigation or dangerous to persons or property. Grantees further expressly covenant and agree that they shall be liable to Grantor for damages caused by failure of Grantees to so construct, operate and maintain the facilities.

RELEASE BY GRANTEES

Grantees hereby release, relinquish and discharge the State of Georgia and all departments, agencies, authorities, officers, employees or agents of the State of Georgia, from any and all claims, demands or liability for any injury to, including the death of, or damage to, the person or property of Grantees or to the person or property of any of Grantees' agents, servants, officers, or employees arising from any cause whatsoever in, upon, or about the premises or upon or about any of the property of the State of Georgia of which premises are a part.

INDEMNIFICATION BY GRANTEES

(a) Grantees hereby agree to indemnify, protect and save harmless the State of Georgia and all departments, agencies, authorities, officers, employees or agents of the State of Georgia from and against any and all claims, demands, or liability for and damage or injury to, including the death of, the person or property of any persons whatsoever (whether they be third persons or employees of either of the parties hereto) arising from Grantees' presence on or use of the premises or from any activities conducted on or from the premises by Grantees or caused by, growing out of or in any way happening in connection with Grantees' exercise of the rights and privileges herein granted.

(b) It is agreed, understood and recognized by the parties hereto that the Grantee Development Authority of Chatham County is a party to this Easement arising only from its capacity under the certain Agreement of Sale between said Authority and Union Camp Corporation dated as of September 1, 1971, appearing in the public records of Chatham County, wherein, among other things, said Authority agreed to undertake the construction of a pollution control project at said Grantee Union Camp

Corporation's Savannah Mill, title to the project lands ²³³ residing in said Authority, and for which the within Easement is required; and notwithstanding any expression herein contained, said Authority, for the purpose of this Easement, is a nominal party hereto by reason of its aforesaid capacity, and that with respect to any of the within agreements, stipulations, covenants, promises, terms and conditions to be kept, observed and followed by the Grantees, including the expenditure of monies, said Authority shall and is hereby released and indemnified by said Union Camp Corporation from any and all expense or liability whatever and as fully and to the extent of the release and indemnity contained in said Sale Agreement which is hereby ratified and affirmed by said Union Camp Corporation.

14.

GRANTEES' CONFORMITY TO LAWS AND ORDINANCES

Grantees expressly covenant and agree that at all times Grantees shall conform to, obey and comply with all present and future laws and/or ordinances, and all lawful requirements, rules and regulations of the State of Georgia and any and all other legally constituted authorities or regulatory bodies, which in any way affect the use of the premises or the right to construct and implace thereon the facilities.

15.

DELIVERY OF PLAT

Grantees further covenant and agree that, not later than sixty (60) days after completion of the construction of the facilities to be constructed hereafter, as provided in Section Three hereof, Grantees shall deliver to the State Properties Commission a plat showing the location of the facilities.

16.

TIME OF ESSENCE

All time limits stated herein are of the essence of this Easement.

CAPTIONS OF SECTIONS

The captions of each numbered section hereof are for purposes of identification and convenience only and should be completely disregarded in construing this Easement.

ENTIRETY

The making, execution and delivery of this Easement has been induced by no representation, statement, or warranties (including but not limited to representations or warranties with respect to title to the premises, or its condition or suitability for Grantees' purposes) other than these herein expressed. This instrument embodies the entire understanding of the parties and there are no further or other agreements or understandings, written or oral, in effect between the parties, relating to the subject matter hereof. This Easement may be amended or modified only by an instrument of equal formality signed by the respective parties.

IN WITNESS WHEREOF, the parties hereto have signed, sealed and delivered these presents this 6 day of JUNE, 1989.

STATE OF GEORGIA, acting by and through its State Properties Commission

By: Joe Frank Harris (Seal)
Governor Joe Frank Harris
As Chairman of the State Properties Commission

Attest: Max Cleland 205 (Seal)
Secretary of State
Max Cleland
As Secretary of the State
Properties Commission

(State Properties Commission
Seal Affixed Here)

(Seal of the State of Georgia
Affixed Here)

Signed, sealed and delivered
in our presence:

Christy L. Bennett
Unofficial Witness

Cindy G. Hardin
Official Witness, Notary Public

My Commission Expires

September 16, 1991
(Notary Public Seal Affixed Here)

UNION CAMP CORPORATION

By: James M. Pittle
Vice Chairman

Attest: Thomas J. [Signature]
Assistant Secretary

(Corporation Seal Affixed Here)

Signed, sealed and delivered
in our presence:

Rebecca M. Hoyer
Unofficial Witness

Thelma Ann Dodd
Official Witness, Notary Public

My Commission Expires

THELMA ANN DODD
Notary Public, Chatham County, Ga.
My Commission Expires Feb. 25, 1990
(Notary Public Seal Affixed Here)



206

DEVELOPMENT AUTHORITY OF CHATHAM COUNTY

By: Joel Ford
Chairman

Attest: Matthew Jones
Assistant Secretary

(Authority Seal Affixed Here)

Signed, sealed and delivered in our presence:

Paul M...
Unofficial Witness

Clayton B. Lane
Official Witness, Notary Public
My Commission Expires

(Notary Public Seal Affixed Here)

All those certain areas in the Savannah River, Chatham County, Georgia, consisting of two tracts and being more particularly described as follows:

Tract 1: Easement Area for Submarine/Subterranean Pipelines, Conduits, Electric Control Cables, and Other Related Structures:

An area lying between River Mile 16.799 in the Savannah River (which point is also located by reference to the grid coordinates, in feet, of the Georgia Coordinate System, East Zone, at Y (Lat.) 767,957.32 and X (Dep.) 823,788.47), and River Mile 16.922 in the Savannah River (which point is also located by reference to the grid coordinates, in feet, of the Georgia Coordinate System, East Zone at Y (Lat.) 768,486.40 and X (Dep.) 823,410.87), lying adjacent to Hutchinson Island and Union Camp Corporation's mainland properties, extending from shoreline to shoreline, having the distance of six hundred fifty (650) feet, more or less, between said River Mile Stations and grid coordinates, and respective distances at the northwestern and southeastern extremities of said area of 1150 feet, more or less, and 1190 feet, more or less.

Tract 2: Easement Area for Outfall Structure and Diffuser System.

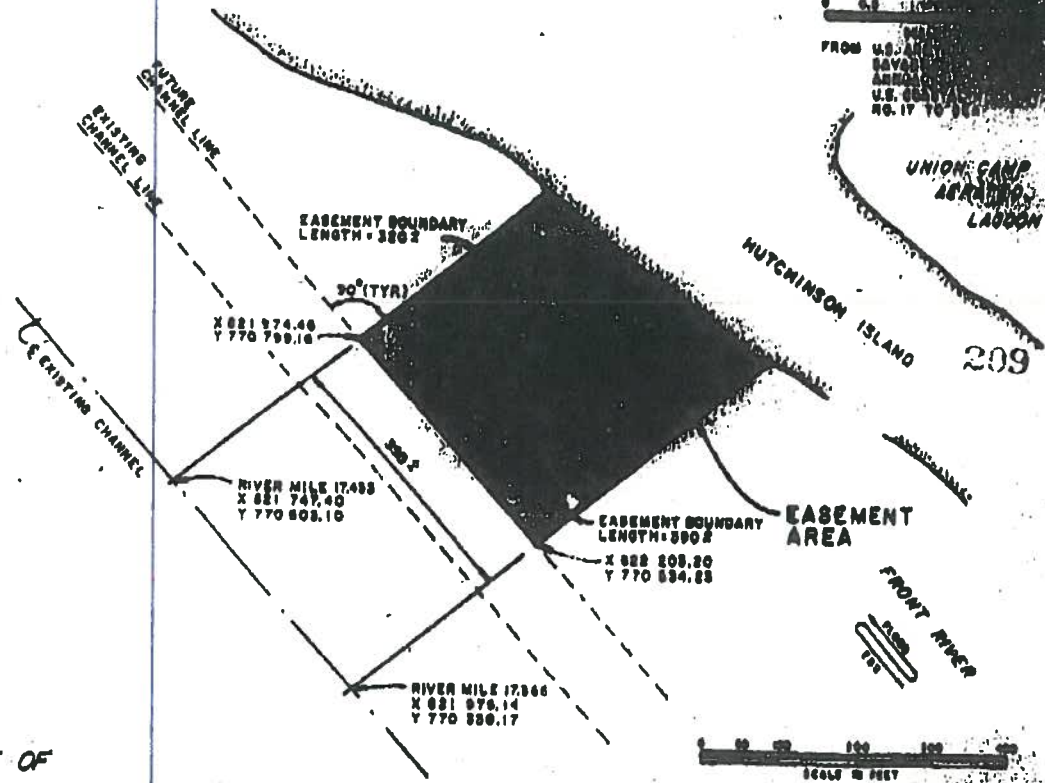
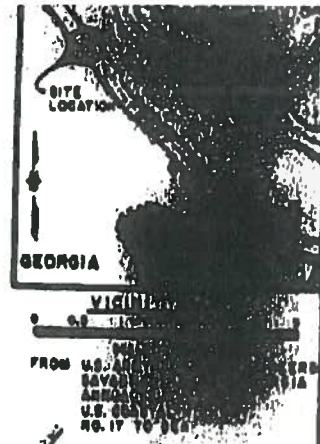
An area lying between River Mile 17.366 in the Savannah River (which point is also located by reference to the grid coordinates, in feet, of the Georgia Coordinate System, East Zone, at Y (Lat.) 770,338.17 and X (Dep.) 821,976.14) and River Mile 17.433 in the Savannah River (which point is also located by reference to the grid coordinates, in feet, of the Georgia Coordinate System, East Zone, at Y (Lat.) 770,603.10 and X (Dep.) 821,747.40), the northeastern extremity thereof lying adjacent to Hutchinson Island, having a distance of three hundred fifty (350) feet, more or less, between said River

208

Stations and grid coordinates, and from Hutchinson Island extending southwesterly riverward between said River Mile Stations from the now or former meanders of the water line of the Savannah River thereat to the new and existing channel lines established by the U.S. Army Corps of Engineers in the Savannah River thereby reached through such extensions.

Said River Mile Stations are those of the U.S. Army Corps of Engineers measured from 0-0 Mile Station at Fort Pulaski at the mouth of the Savannah River.

All the above described properties are more fully shown and described on drawings SK-122588 and SK-122288 by Joseph C. Keaton, Jr., Georgia Registered Land Surveyor No. 2233, and to which reference is made for a more full and complete description of the bounds, courses, distances, and controls of the above described strips or parcels of land.



**SURVEY OF
PROPOSED EASEMENT FOR OUTFALL DIFFUSER SYSTEM
WITHIN THE SAVANNAH RIVER, CHATHAM COUNTY, GEORGIA.**

NOTE: COORDINATES ARE BASED ON THE GEORGIA COORDINATE SYSTEM EAST ZONE AS ESTABLISHED BY THE "GEODETIC SURVEY OF GEORGIA 1938."

SURVEYED FOR: UNION CAMP CORPORATION, SAVANNAH, GEORGIA.

Joseph C. Keaton Jr.

Joseph C. Keaton Jr.
Go. Reg. Land Surveyor No. 2233

I Certify That This Plat is A Correct Representation Of This Land Plotted And Has Been Prepared In Conformity With The Minimum Standards And Requirements Of Law.



Scale: 1" = 200'

Date: 1-3-89
REV: 1-11-89

File:

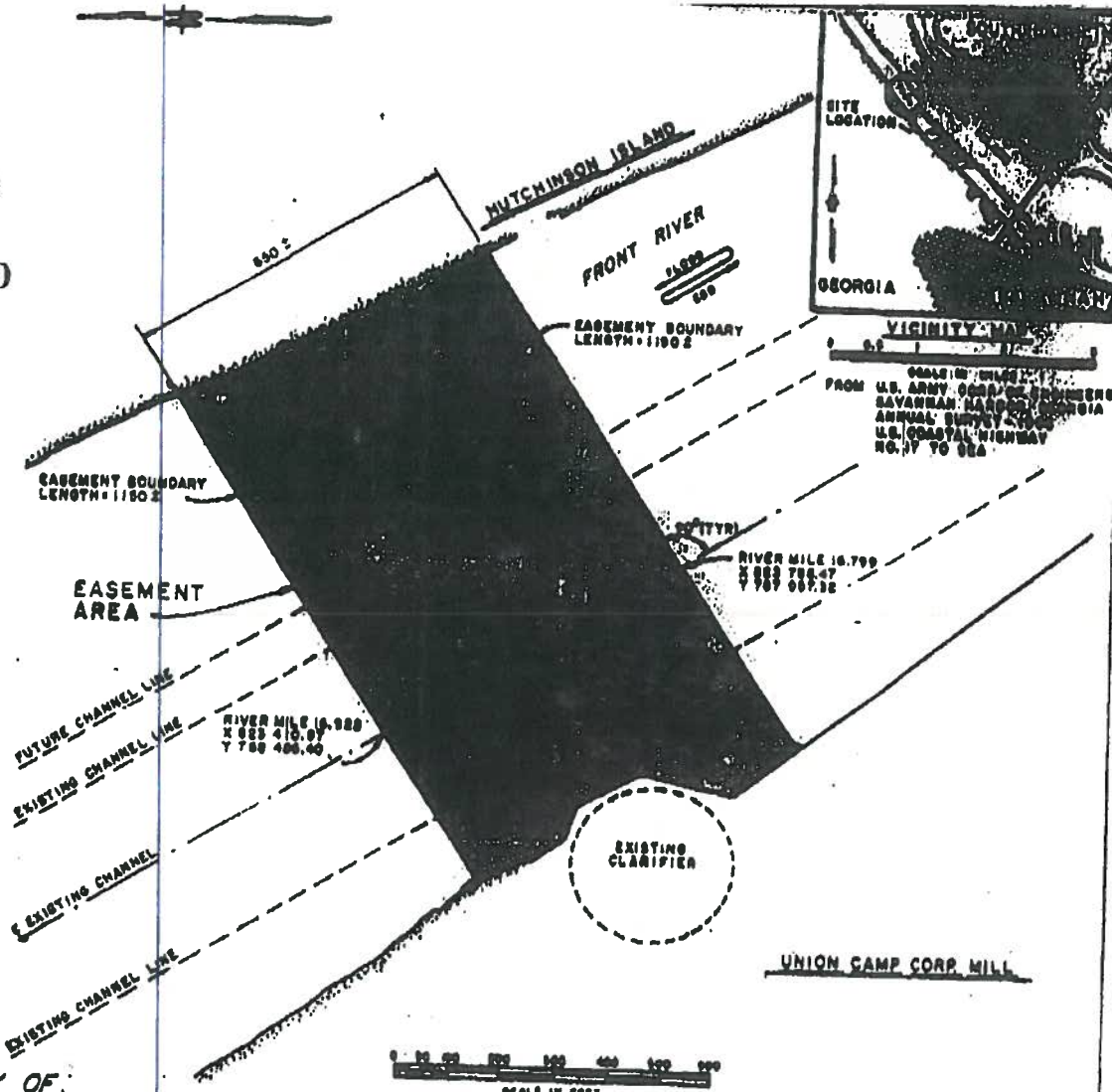
Equipment Used

Keaton Land Surveying Inc.

102 Oglethorpe Professional Court - Suite 7
Savannah, Georgia (912) 354-0300.

007813

210



SURVEY OF:

PROPOSED EASEMENT FOR SUBMARINE / SUBTERRANEAN PIPELINE, ELECTRICAL & CONTROL CONDUITS CROSSING THE SAVANNAH RIVER, CHATHAM COUNTY, GEORGIA.

NOTE: COORDINATES ARE BASED ON THE GEORGIA COORDINATE SYSTEM EAST ZONE AS ESTABLISHED BY THE "GEODETIC SURVEY OF GEORGIA 1938."

SURVEYED FOR:

UNION CAMP CORPORATION, SAVANNAH, GEORGIA.

Joseph C. Keaton Jr.

 Joseph C. Keaton Jr.
 Ga. Reg. Land Surveyor No. 2233

I Certify That This Plat is A Correct Representation Of This Land Platted And Has Been Prepared In Conformity With The Minimum Standards And Requirements Of Law.



Scale: 1" = 300'

Date: 1-3-89

REV: 1-11-89

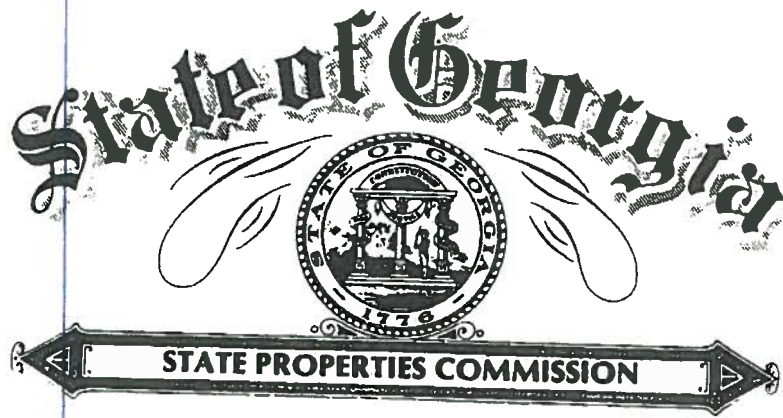
File:

Equipment Used

Keaton Land Surveying Inc.

102 Oglethorpe Professional Court - Suite 7
Savannah, Georgia (912) 394-0300

007813



I, do hereby certify that the fifteen (15) pages hereto attached form No. 2 of 3 Executed Original Counterparts of an Easement Agreement and copy of two (2) plats describing easement areas, dated June 6, 1989, by and between the State of Georgia, acting by and through its State Properties Commission, as Grantor, and the Development Authority of Chatham County and Union Camp Corporation, as Grantees, granting and conveying an easement covering certain State-owned real property located in Chatham County, Georgia and I further certify that said Easement and plats have been recorded in this office as real property record number 781

RECEIVED FOR RECORD
 JUN 11 11 38 AM '89
 DOMINIC S. STEPHENS
 CLERK, S.C.C.G.A.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seal of my office, at the Capitol, in the City of Atlanta, this 7th day of June in the year of our Lord One Thousand Nine Hundred and Eighty-Nine.

J. Ray Crawford Jr.

J. Ray Crawford, Jr.
 EXECUTIVE DIRECTOR

178739A001 06/11/89 STATE PROPERTIES COMMISSION



10 July 2017

Mr. Karl Burgess
Georgia Department of Natural Resources
Coastal Resources Division
One Conservation Way, Suite 300
Brunswick, Georgia 31520

**Subject: Letter of Permission Request
International Paper Pipe Removal
Chatham County, Georgia**

RLC# 16-162

Dear Mr. Burgess:

The Savannah District U.S. Army Corps of Engineers (USACE) has determined that the minimum safe depth for objects in the Savannah River channel is -64 feet Mean Lower Low Water (MLLW). On November 7, 2014, a survey was conducted by Arc Surveying & Mapping, Inc. on behalf of International Paper (IP) to determine the depths of active and abandoned pipelines extending under the Savannah River from IP's Savannah Mill facility to their treatment facility on Hutchinson Island. The surveys revealed that large segments of IP's pipelines are shallower than -64 feet MLLW. Consequently, the USACE determined that the pipelines posed a potential obstruction to future operations of the Savannah Harbor Enhancement Project (SHEP) and the USACE has requested that the IP remove the existing lines.

The project will include removal of the 42-inch abandoned fiber-reinforced plastic (FRP) pipeline constructed in 1972; and the steel pipelines, including a 42-inch active effluent pipeline, a 10-inch active electrical pipeline, and a 6-inch abandoned empty pipe bundled to a 10-inch pipeline constructed in 1989.

A barge-mounted clamshell bucket rig is proposed to be used to uncover the 1972 42-inch FRP pipeline. The excavated over-cover sediment will be left on the river bottom and used as fill for the pipeline trench that will be left behind once the pipe is removed. The clamshell bucket will be used to grab and remove the FRP line in sections, as it is likely that the line will easily break apart during the removal process. The small concrete collars will be removed as whole pieces, while larger concrete blocks may have to be mechanically broken apart before removal.

For the 1989 steel lines that include the 42-inch active effluent pipeline, the preferred option is to use equipment similar to a drilling rig set-up to push and pull the lines out with the entire length of the line being pulled out in one operation. As proposed, the contractor will build a foundation stress wall at the mill end to pull against and install a hammer at the lagoon end to help get the pipe moving. This option is preferred as it will limit any disturbance to the river bed. However, if this option is not viable, another option will be to use a barge-mounted clamshell bucket rig to uncover the pipeline. Again, excavated over-cover sediment will be left on the river bottom and used as fill for the pipeline trench that will be left behind once the pipe is removed. The clamshell bucket will be used to grab onto and remove the pipe, with the pipe likely having to be cut in several locations underwater to facilitate removal using the clam shell.

For your review and use, we have attached the following information:

- Exhibit depicting existing pipe locations
- Copy of the existing easement from State of Georgia

Because the proposed project requires only temporary impacts during pipe removal, RLC, on behalf of IP, is requesting a letter of permission for temporary impacts associated pipe removal activities. If you have any questions or require an additional information, please do not hesitate to contact us at (912) 443-5896.

Sincerely,

A handwritten signature in black ink, appearing to read 'Alton Brown, Jr.', with a stylized, cursive script.

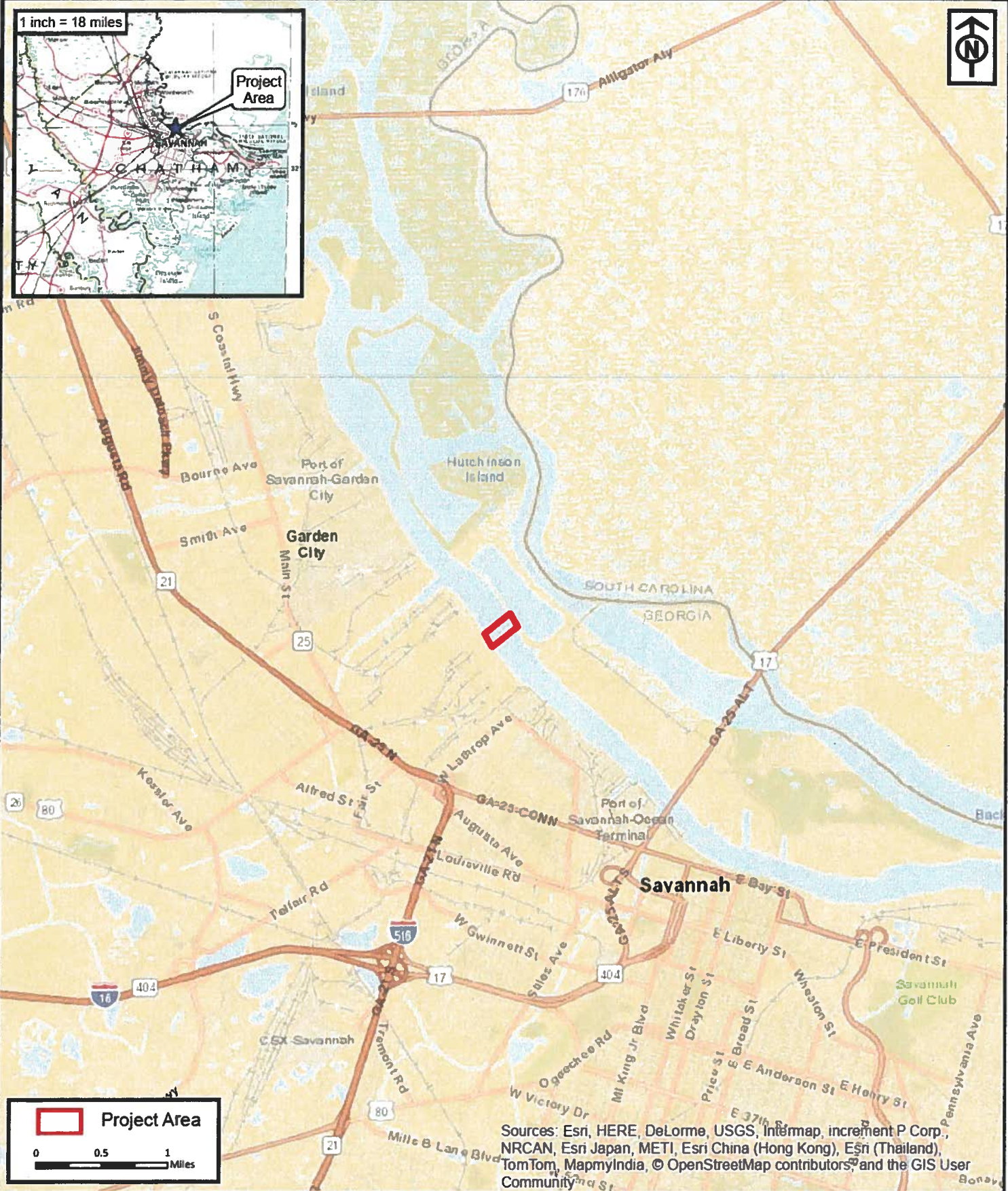
Alton Brown, Jr.
Principal
Resource & Land Consultants

Enclosures

cc: Mr. Chris Rogge – International Paper
Ms. Brittany Robinson – International Paper
Ms. Sarah Wise - USACE

1 inch = 18 miles

Project Area



 Project Area



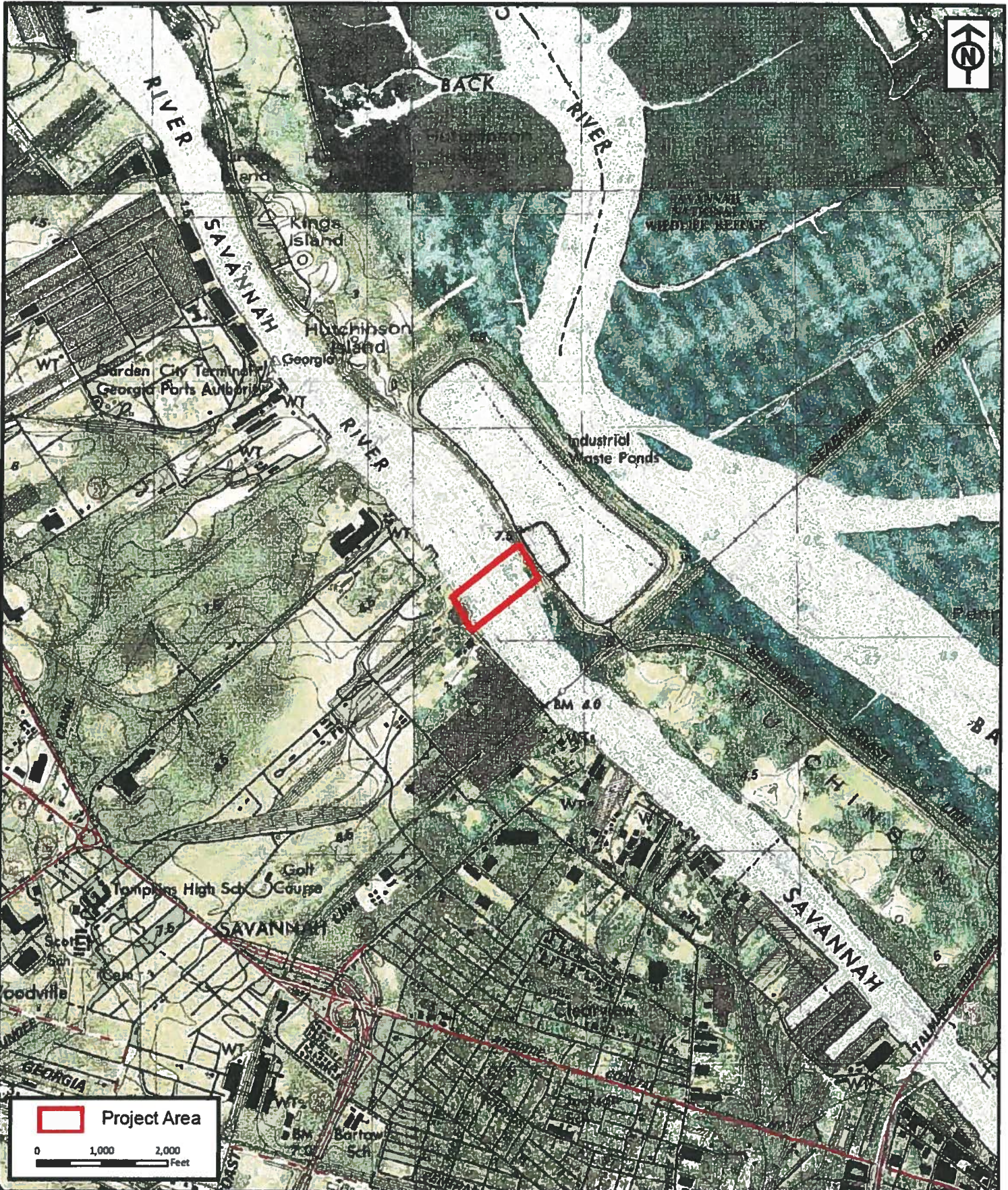
Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

| | |
|------------------|----------------|
| RLC Project No.: | 16-162 |
| Figure No.: | 1 |
| Prepared By: | MG |
| Sketch Date: | 7/6/2017 |
| Map Scale : | 1 in = 1 miles |

**International
Paper**
Chatham County, Georgia

Project Location Map
Prepared For: International Paper

RLC
**RESOURCE+LAND
CONSULTANTS**
41 Park of Commerce Way, Suite 300
Savannah, GA 31404
912.433.2000 www.rlc.com

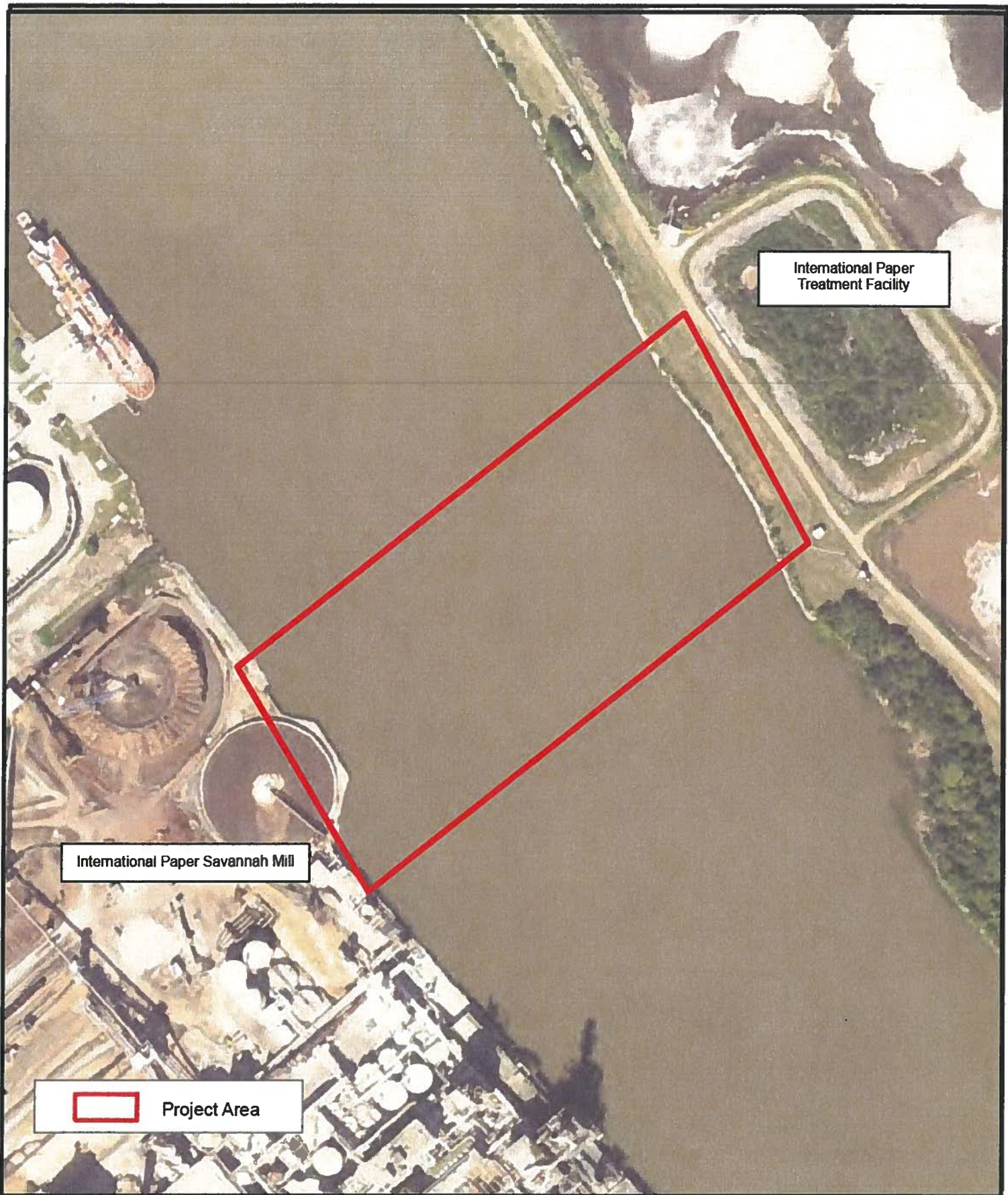


| | |
|------------------|---------------------|
| RLC Project No.: | 16-162 |
| Figure No.: | 2 |
| Prepared By: | MG |
| Sketch Date: | 7/6/2017 |
| Map Scale : | 1 inch = 2,000 feet |

International Paper
 Chatham County, Georgia

USGS Topographic Map
 Prepared For: Trent Thompson

RLC
 RESOURCE+LAND
 CONSULTANTS
11 Parkside Commerce Way Ste 200
 Savannah, Georgia 31402
 912.333.0700 www.rlcinc.com



International Paper Savannah Mill

International Paper Treatment Facility

 Project Area

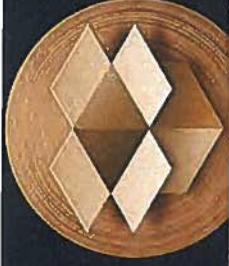
| | |
|------------------|-------------------|
| RLC Project No.: | 16-162 |
| Figure No.: | 3 |
| Prepared By: | MG |
| Sketch Date: | 7/6/2017 |
| Map Scale : | 1 inch = 300 feet |

International Paper
Chatham County, Georgia

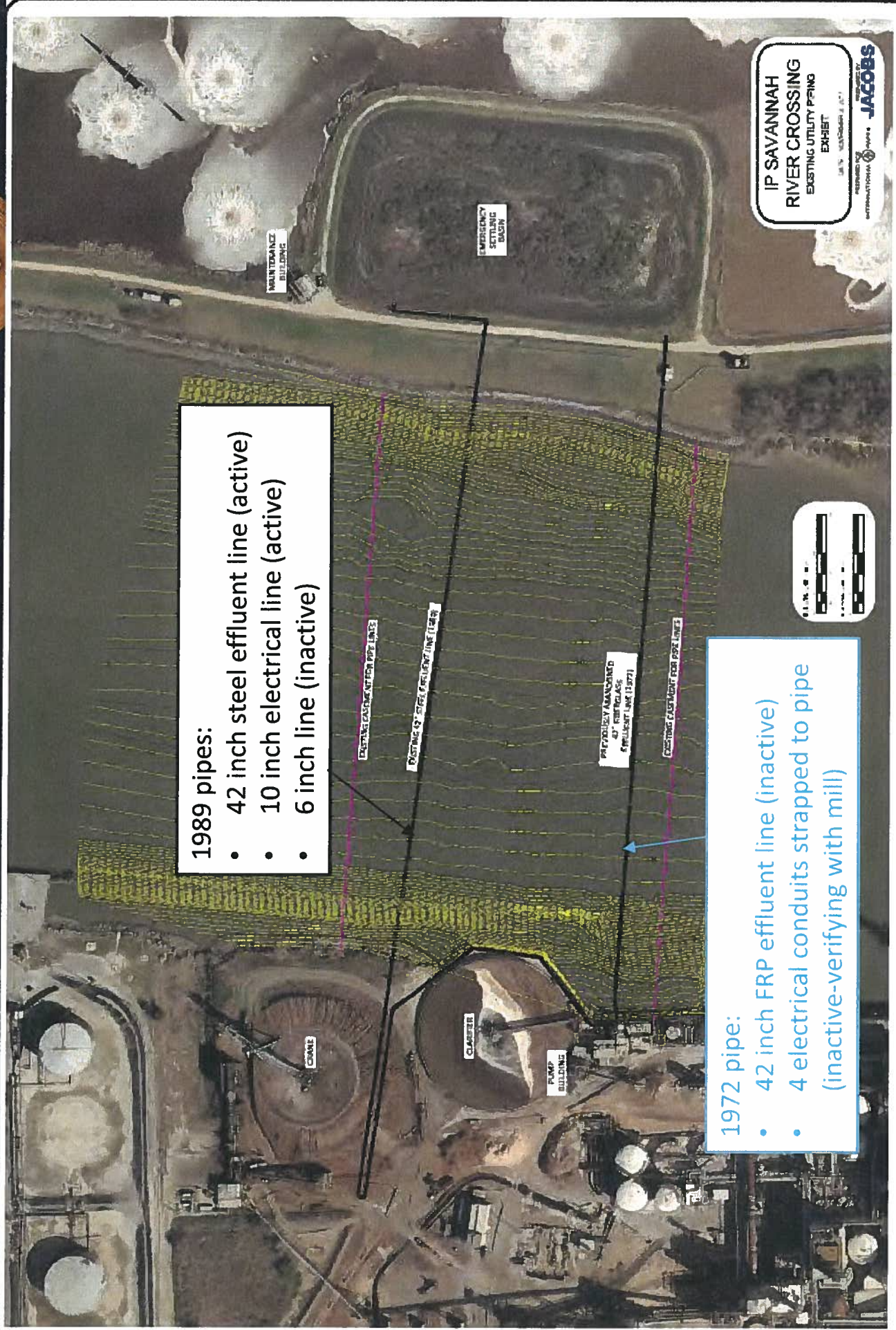
2015 Ortho Aerial
Prepared For: International Paper

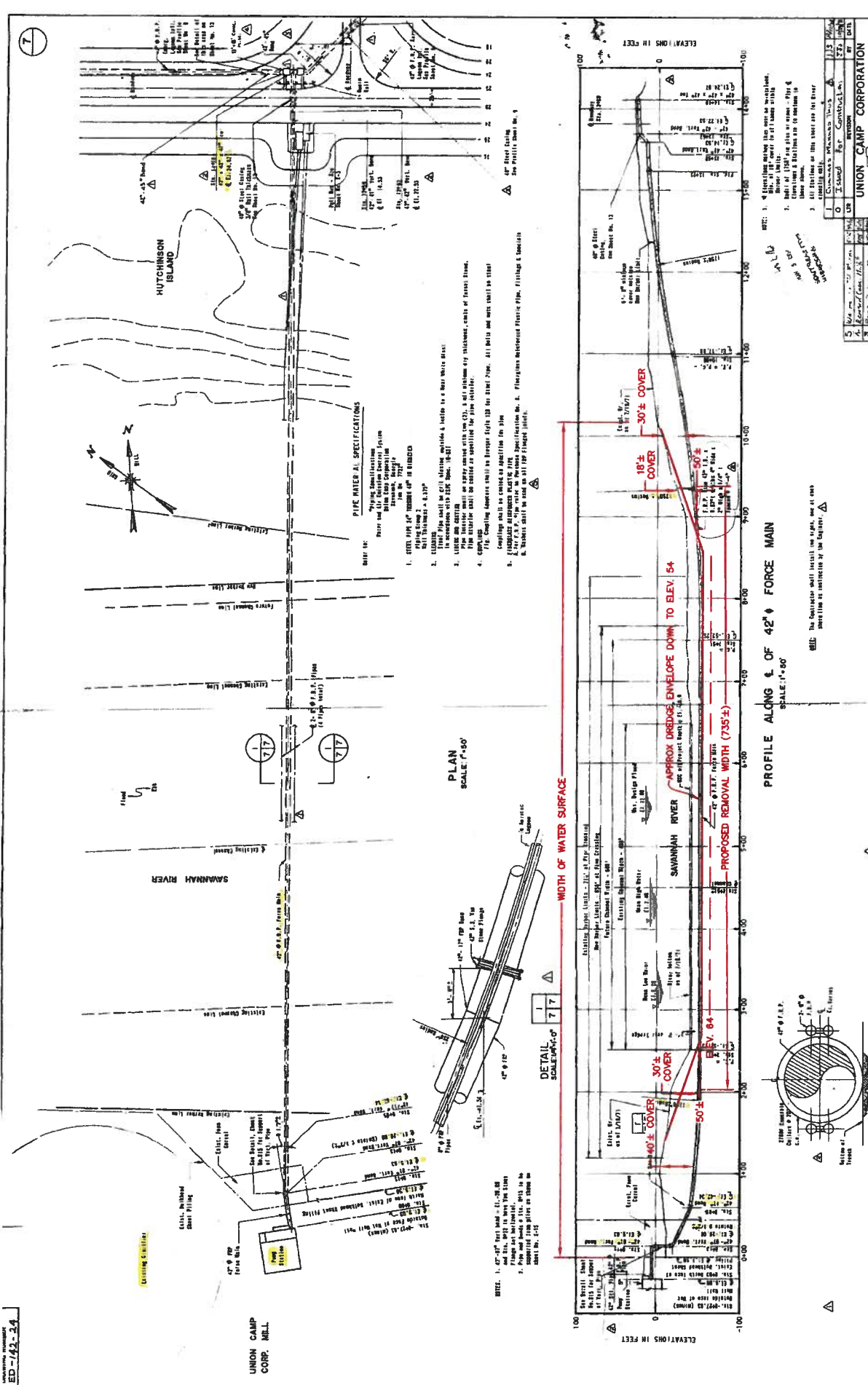
RLC
RESOURCE+LAND CONSULTANTS
31 Parkside Commerce Way, Ste. 303
Savannah, Georgia 31401
912-437-8795 www.rlcinc.com

Pipe Removal Plan



BETTER
... THAN THE ...
BEST





PIPE WATER AL SPECIFICATIONS
 1. ALL PIPE OF 42" DIAMETER TO BE 15' MINIMUM
 2. ALL PIPE TO BE 15' MINIMUM
 3. ALL PIPE TO BE 15' MINIMUM
 4. ALL PIPE TO BE 15' MINIMUM
 5. ALL PIPE TO BE 15' MINIMUM

PIPE WATER AL SPECIFICATIONS
 1. ALL PIPE OF 42" DIAMETER TO BE 15' MINIMUM
 2. ALL PIPE TO BE 15' MINIMUM
 3. ALL PIPE TO BE 15' MINIMUM
 4. ALL PIPE TO BE 15' MINIMUM
 5. ALL PIPE TO BE 15' MINIMUM

PLAN
 SCALE: 1"=60'

DETAIL
 SCALE: 1/2"=1'-0"

PROFILE ALONG & OF 42" FORCE MAIN
 SCALE: 1"=60'

SECTION 7/7
 SCALE: 1/2"=1'-0"

| | | |
|----|------------------------|-------------------|
| 1 | UNION CAMP CORPORATION | SAVANNAH, GEORGIA |
| 2 | MALCOLM PIRNIE, INC. | SAVANNAH, GEORGIA |
| 3 | UNION CAMP CORPORATION | SAVANNAH, GEORGIA |
| 4 | MALCOLM PIRNIE, INC. | SAVANNAH, GEORGIA |
| 5 | UNION CAMP CORPORATION | SAVANNAH, GEORGIA |
| 6 | MALCOLM PIRNIE, INC. | SAVANNAH, GEORGIA |
| 7 | UNION CAMP CORPORATION | SAVANNAH, GEORGIA |
| 8 | MALCOLM PIRNIE, INC. | SAVANNAH, GEORGIA |
| 9 | UNION CAMP CORPORATION | SAVANNAH, GEORGIA |
| 10 | MALCOLM PIRNIE, INC. | SAVANNAH, GEORGIA |

UNION CAMP CORPORATION
 SAVANNAH, GEORGIA

MALCOLM PIRNIE, INC.
 SAVANNAH, GEORGIA

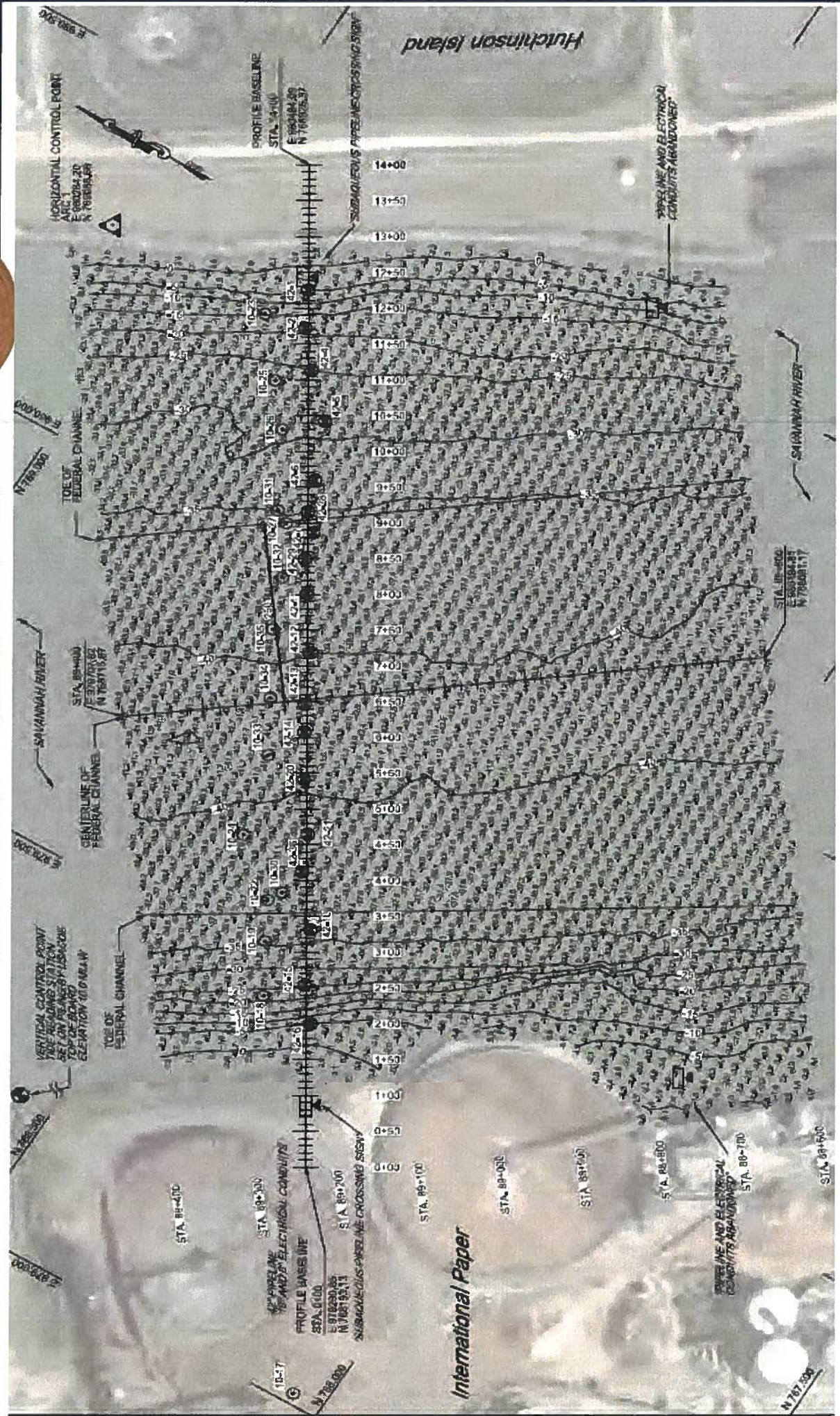
PLAN, PROFILE, SECTION & DETAIL.
 RIVER CROSSING
 AERATED LAOON SYSTEM

24 - 142

BETTER
... THAN THE ...
BEST



Pipeline Removal Depth - 1989

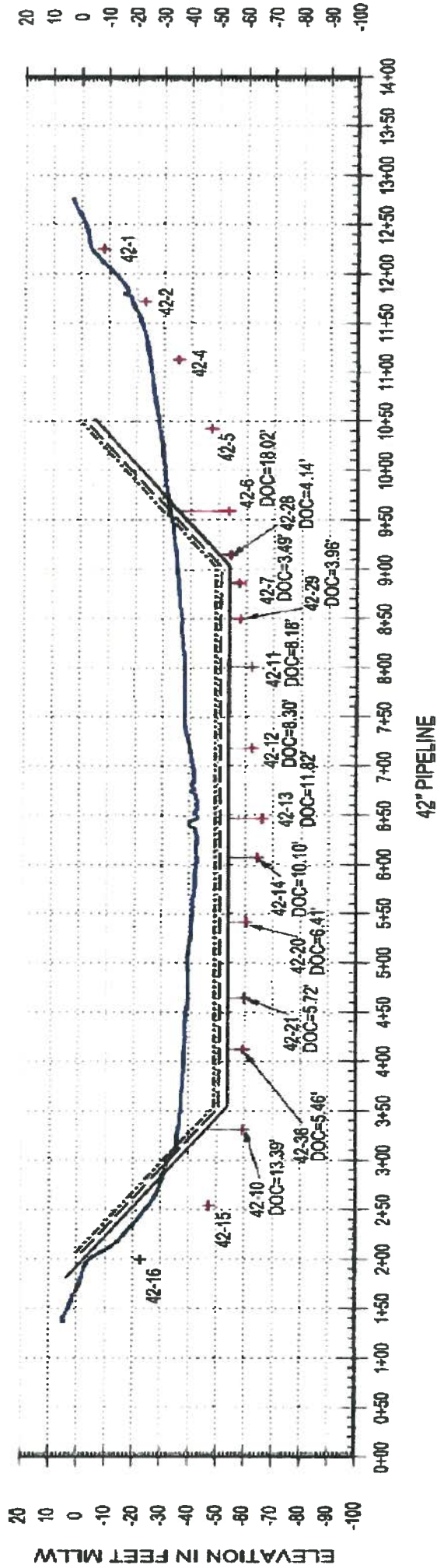
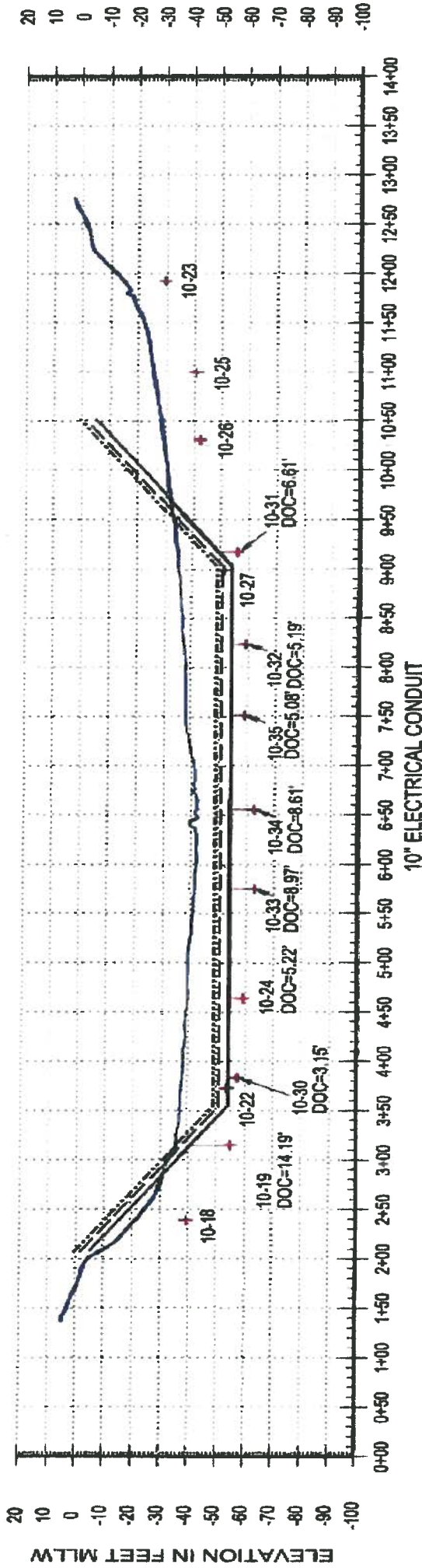


INTERNATIONAL  PAPER

BETTER
... THAN THE ...
BEST



Pipeline Removal Profiles - 1989



RECORDED
STATE PROPERTIES COMMISSION

JUN 7 1989

11

STATE OF GEORGIA,
COUNTY OF FULTON:

REAL PROPERTY RECORDS

007813
EASEMENT

196

This Easement granted by the STATE OF GEORGIA, acting by and through its STATE PROPERTIES COMMISSION, hereinafter called the "Grantor," pursuant to a Resolution of the General Assembly of Georgia approved April 4, 1989, (being Senate Resolution Number 25 and Resolution Act Number 29 of the 1989 Regular Session of the General Assembly of Georgia) whose address is Post Office Box 38121, Capitol Hill Station, Atlanta, Georgia 30334, and the DEVELOPMENT AUTHORITY OF CHATHAM COUNTY, a public body corporate and politic duly organized and existing under the laws of Georgia, whose business address is Post Office Box 2687, Savannah, Georgia 31402, and UNION CAMP CORPORATION, a Virginia corporation, with an office and place of business in Chatham County, Georgia, whose business address is Post Office Box 570, Savannah, Georgia 31402, hereinafter collectively called "Grantees";

W I T N E S S E T H :

THAT WHEREAS, Grantees hold easements in, on, under, over, upon, across, and through certain Savannah River and stream bottom property of the State of Georgia under and by virtue of an easement agreement dated June 29, 1972, as recorded in the Office of the Clerk of the Superior Court of Chatham County, Georgia, in Record Book 102-E, Folio 654 from the State Properties Control Commission by virtue of a Resolution of the General Assembly of Georgia approved March 27, 1972 (being Senate Resolution Number 273 and Resolution Act Number 107 of the 1972 Regular Session of the General Assembly of Georgia), reference to such easements, Resolution and Resolution Act and the records thereof is hereby expressly made for all purposes hereof; and

Filed For Record At 3:38 O'Clock P M On The
13 Day Of June 19 89
Recorded In Record Book 142-1 Folio 196
On The 3 Day Of June 19 89
Clerk Superior Court Chatham Co. Ga.
[Signature]

007813

WHEREAS, Grantees have requested permission to traverse certain additional portions of the real property of Grantor solely for the purposes hereinafter specified; and

WHEREAS, for the consideration herein named, Grantor is willing and has offered, and by these presents does hereby offer, to grant unto Grantees an Easement to use said property for such specified purposes subject to the continuing fulfillment by Grantees of the agreements, stipulations, covenants, promises, terms and conditions hereinafter set forth; and

WHEREAS, Grantees have accepted, and by these presents do hereby accept, Grantor's offer; and

WHEREAS, the State Properties Commission has determined that this easement should be supplementary to the said easement granted June 29, 1972, and that the area covered by said easement of June 29, 1972, also shall be embraced within the boundaries of the Easement as hereinafter described; and

WHEREAS, the monetary consideration set forth in said June 29, 1972, easement shall continue to be paid as provided in said easement agreement in addition to the monetary consideration hereinafter provided, such monetary consideration having been taken into account in setting the monetary consideration for the Easement for the lands hereinafter described.

NOW, THEREFORE, in consideration of the premises, the monetary consideration set forth in Section Two below and for other good and valuable consideration (including, but not limited to, those agreements and covenants of Grantees set forth in Section Six below) the receipt and sufficiency whereof is hereby acknowledged, Grantor hereby grants unto Grantees an Easement to use the property described in Section One hereof solely for the purposes specified in Section Three of these presents.

1.

PROPERTY IN WHICH EASEMENT IS GRANTED

All the hereinafter described land, together with the privilege of ingress thereto and egress therefrom over adjoining land of Grantor subject to the State Properties Commission's prior designation thereof in writing, said property being sometimes hereinafter referred to as "premises," to-wit: all those tracts of land more particularly described in Exhibit "A" which is attached hereto and by reference specifically incorporated herein.

2.

MONETARY CONSIDERATION

The Grantees, their successors and assigns, shall pay to Grantor, as monetary consideration for the granting of this Easement, the sum of Five Thousand and 00/100 Dollars (\$5,000.00) at the time of delivery of these presents.

3.

PURPOSES OF EASEMENT; TERMINATION UPON ABANDONMENT

The premises shall be used solely for the purposes of drilling, boring, constructing, laying, operating, maintaining, repairing, removing and replacing pipelines, conduits, outfall structure, diffuser system, and electrical cables in, on, under, over, upon, across and through the premises, with appurtenant apparatus, together with any and all such fixtures, equipment and appliances as may be necessary or convenient for use in connection therewith, hereinafter sometimes collectively referred to as "facilities." The Easement granted herein, being granted only for the purposes aforesaid, shall continue only so long as the Development Authority of Chatham County and Union Camp Corporation, or either of them, or their successors or assigns, continue to maintain and operate the facilities and should the facilities be abandoned, this Easement shall, without notice, immediately terminate.

REMOVAL OF FACILITIES

Within a reasonable time, not to exceed six (6) months, after termination of this Easement pursuant to Section Three above, Grantees covenant and agree to remove the facilities from the premises and restore the premises to their condition as the same existed on the date of Grantees' entry thereon. Grantees hereby further covenant and agree that they shall proceed, if written notice of such termination is given by the State Properties Commission, expeditiously to remove the facilities with all possible haste and to restore the premises as aforesaid and that if they fail to so remove the facilities or to restore the premises as aforesaid within six (6) months after service of such written notice of termination, then Grantees shall be liable to Grantor for any damages suffered by Grantor by reason of Grantees' failure so to do and shall in addition, reimburse Grantor for any expenses incurred by Grantor in performing any act or doing anything required to remove the facilities or to restore the premises as aforesaid necessitated by Grantee's failure.

5.

NOTICES

All notices hereby, which shall include statements, demands, requests, consents, approvals and authorizations, given by either party to the other shall be in writing and sent by United States Registered or Certified Mail, postage prepaid, to the party to be notified at such party's address as is herein set forth. The day upon which any of the above enumerated communications is so mailed shall be treated as the date of service. Either party may from time to time by notice to the other designate a different address to which notices shall be sent.

RIVERBANKS/MARINE LIFE

As additional consideration for the execution by Grantor of this Easement, Grantees covenant and agree to take all necessary action, including the expenditure of money, to:

(a) protect and preserve marine plant and animal life in the subject river bottom area;

(b) protect and preserve the river banks adjacent to the premises from any erosion caused by the installations authorized by Section Three hereof.

INSTALLATION OF THE FACILITIES

Grantees hereby covenant and agree that the facilities constructed pursuant to this Easement shall be constructed or reconstructed in such a manner so as to conform to the minimum requirements of the U.S. Army Corps of Engineers. This Easement shall be subject to the permit requirements of the U.S. Army Corps of Engineers.

DREDGING BY GRANTEES

Grantees further covenant and agree that any sand, rock, minerals or other materials dredged by Grantees from the river bottom in the prosecution of their use of this Easement shall be removed evenly and no large refuse piles and/or ridges across the bed of the river bottom, or deep holes therein which may have a tendency to cause injury to navigation or the banks of said river, shall be created or allowed to exist by Grantees and that the formation of permanent ridges across the river bottom shall not be created or allowed to occur by Grantees.

USE BY PUBLIC

Grantees further covenant and agree that Grantees shall in no way forbid or interfere with the full and free use by the

public of the waters over and around the facilities for navigation, sport, fishing, recreation and pleasure.

201

10.

DREDGING TO IMPROVE NAVIGATION

Grantees expressly covenant and agree that if after the execution by Grantor of this Easement any agency, department, commission, instrumentality, board, or public corporation of the United States of America or of the State of Georgia with jurisdiction should determine the necessity or desirability of the dredging of the river bottom over and under which the facilities are or will be located so as to improve the navigation capabilities of the said river, then Grantees shall, upon notice by such agency, department, commission, instrumentality, board, or public corporation, within a reasonable time and at their own expense remove, relocate, or reconstruct the facilities to a depth or to such other property of Grantor as Grantor may designate so as not to hinder, delay, hamper, or prevent the said dredging. This Easement shall not limit any independent rights for reimbursement which Grantees may have against parties other than agencies, departments, commissions, instrumentalities, boards, or public corporations of the State of Georgia to be reimbursed for said removal, relocation, or reconstruction or to have other parties perform the actual work.

11.

DELETERIOUS CONDITIONS

Grantees expressly covenant and agree that they will construct, operate and maintain the facilities in such a manner so as to prevent conditions deleterious to human health, game and fish, or so as to prevent conditions hazardous to navigation or dangerous to persons or property. Grantees further expressly covenant and agree that they shall be liable to Grantor for damages caused by failure of Grantees to so construct, operate and maintain the facilities.

RELEASE BY GRANTEES

Grantees hereby release, relinquish and discharge the State of Georgia and all departments, agencies, authorities, officers, employees or agents of the State of Georgia, from any and all claims, demands or liability for any injury to, including the death of, or damage to, the person or property of Grantees or to the person or property of any of Grantees' agents, servants, officers, or employees arising from any cause whatsoever in, upon, or about the premises or upon or about any of the property of the State of Georgia of which premises are a part.

INDEMNIFICATION BY GRANTEES

(a) Grantees hereby agree to indemnify, protect and save harmless the State of Georgia and all departments, agencies, authorities, officers, employees or agents of the State of Georgia from and against any and all claims, demands, or liability for and damage or injury to, including the death of, the person or property of any persons whatsoever (whether they be third persons or employees of either of the parties hereto) arising from Grantees' presence on or use of the premises or from any activities conducted on or from the premises by Grantees or caused by, growing out of or in any way happening in connection with Grantees' exercise of the rights and privileges herein granted.

(b) It is agreed, understood and recognized by the parties hereto that the Grantee Development Authority of Chatham County is a party to this Easement arising only from its capacity under the certain Agreement of Sale between said Authority and Union Camp Corporation dated as of September 1, 1971, appearing in the public records of Chatham County, wherein, among other things, said Authority agreed to undertake the construction of a pollution control project at said Grantee Union Camp

Corporation's Savannah Mill, title to the project lands ²³³ residing in said Authority, and for which the within Easement is required; and notwithstanding any expression herein contained, said Authority, for the purpose of this Easement, is a nominal party hereto by reason of its aforesaid capacity, and that with respect to any of the within agreements, stipulations, covenants, promises, terms and conditions to be kept, observed and followed by the Grantees, including the expenditure of monies, said Authority shall and is hereby released and indemnified by said Union Camp Corporation from any and all expense or liability whatever and as fully and to the extent of the release and indemnity contained in said Sale Agreement which is hereby ratified and affirmed by said Union Camp Corporation.

14.

GRANTEES' CONFORMITY TO LAWS AND ORDINANCES

Grantees expressly covenant and agree that at all times Grantees shall conform to, obey and comply with all present and future laws and/or ordinances, and all lawful requirements, rules and regulations of the State of Georgia and any and all other legally constituted authorities or regulatory bodies, which in any way affect the use of the premises or the right to construct and implace thereon the facilities.

15.

DELIVERY OF PLAT

Grantees further covenant and agree that, not later than sixty (60) days after completion of the construction of the facilities to be constructed hereafter, as provided in Section Three hereof, Grantees shall deliver to the State Properties Commission a plat showing the location of the facilities.

16.

TIME OF ESSENCE

All time limits stated herein are of the essence of this Easement.

CAPTIONS OF SECTIONS


The captions of each numbered section hereof are for purposes of identification and convenience only and should be completely disregarded in construing this Easement.

ENTIRETY

The making, execution and delivery of this Easement has been induced by no representation, statement, or warranties (including but not limited to representations or warranties with respect to title to the premises, or its condition or suitability for Grantees' purposes) other than these herein expressed. This instrument embodies the entire understanding of the parties and there are no further or other agreements or understandings, written or oral, in effect between the parties, relating to the subject matter hereof. This Easement may be amended or modified only by an instrument of equal formality signed by the respective parties.

IN WITNESS WHEREOF, the parties hereto have signed, sealed and delivered these presents this 6 day of JUNE, 1989.

STATE OF GEORGIA, acting by and through its State Properties Commission

By:  (Seal)
Governor Joe Frank Harris
As Chairman of the State
Properties Commission

Attest: Max Cleland 205 (Seal)
Secretary of State
Max Cleland
As Secretary of the State
Properties Commission

(State Properties Commission
Seal Affixed Here)

(Seal of the State of Georgia
Affixed Here)

Signed, sealed and delivered
in our presence:

Christy L. Bennett
Unofficial Witness

Cindy Hardin
Official Witness, Notary Public

My Commission Expires
September 16, 1991
(Notary Public Seal Affixed Here)

UNION CAMP CORPORATION

By: James M. Pittle
Vice Chairman

Attest: Thomas J. [Signature]
Assistant Secretary

(Corporation Seal Affixed Here)

Signed, sealed and delivered
in our presence:

Rebecca M. Hoyer
Unofficial Witness

Thelma Ann Dodd
Official Witness, Notary Public

My Commission Expires
THELMA ANN DODD
Notary Public, Chatham County, Ga.
My Commission Expires Feb. 25, 1990
(Notary Public Seal Affixed Here)



206

DEVELOPMENT AUTHORITY OF CHATHAM COUNTY

By: [Signature]
Chairman

Attest: [Signature]
Assistant Secretary

(Authority Seal Affixed Here)

Signed, sealed and delivered in our presence:

[Signature]
Unofficial Witness

[Signature]
Official Witness, Notary Public

My Commission Expires

(Notary Public Seal Affixed Here)

All those certain areas in the Savannah River, Chatham County, Georgia, consisting of two tracts and being more particularly described as follows:

Tract 1: Easement Area for Submarine/Subterranean Pipelines, Conduits, Electric Control Cables, and Other Related Structures:

An area lying between River Mile 16.799 in the Savannah River (which point is also located by reference to the grid coordinates, in feet, of the Georgia Coordinate System, East Zone, at Y (Lat.) 767,957.32 and X (Dep.) 823,788.47), and River Mile 16.922 in the Savannah River (which point is also located by reference to the grid coordinates, in feet, of the Georgia Coordinate System, East Zone at Y (Lat.) 768,486.40 and X (Dep.) 823,410.87), lying adjacent to Hutchinson Island and Union Camp Corporation's mainland properties, extending from shoreline to shoreline, having the distance of six hundred fifty (650) feet, more or less, between said River Mile Stations and grid coordinates, and respective distances at the northwestern and southeastern extremities of said area of 1150 feet, more or less, and 1190 feet, more or less.

Tract 2: Easement Area for Outfall Structure and Diffuser System.

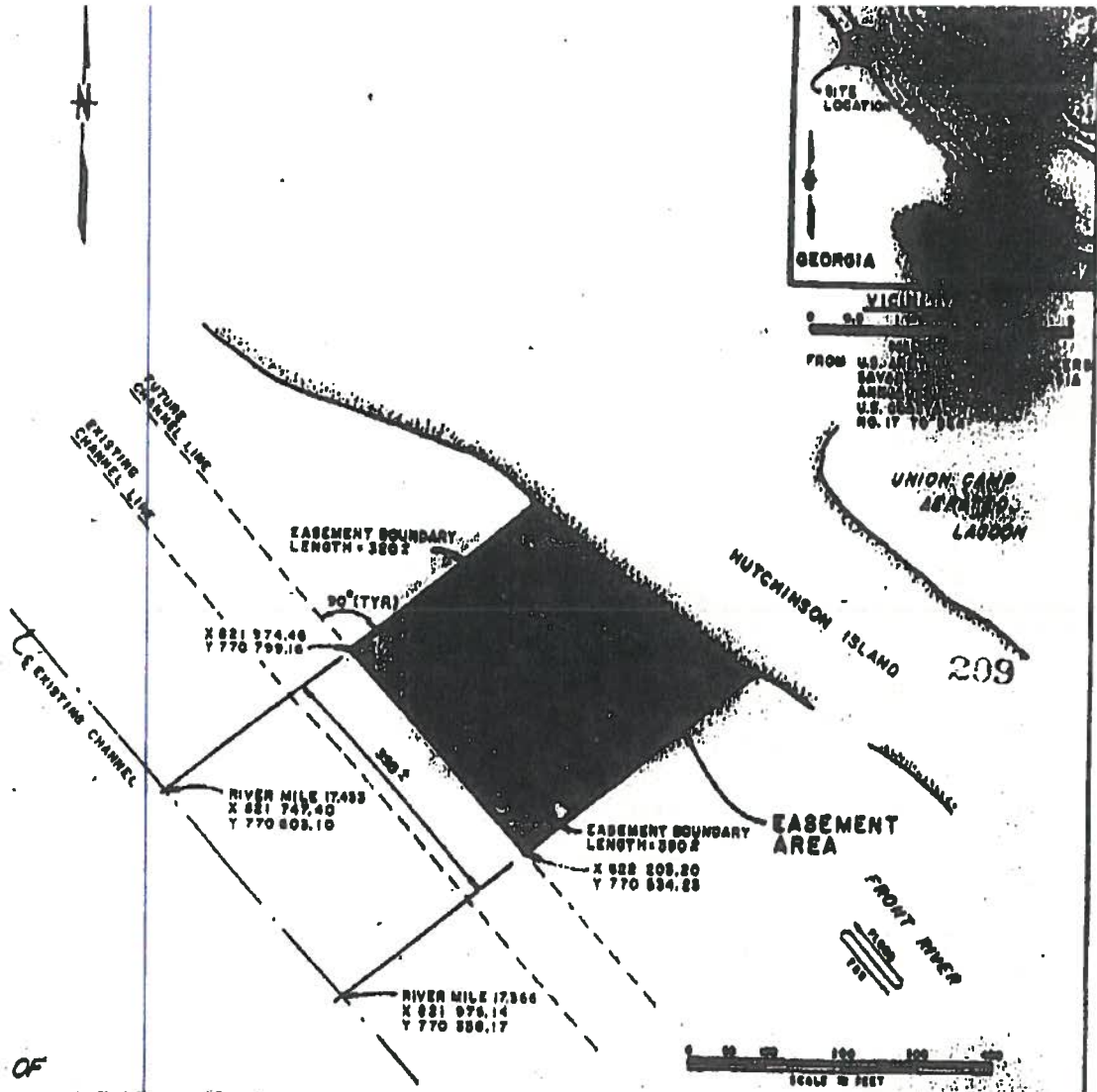
An area lying between River Mile 17.366 in the Savannah River (which point is also located by reference to the grid coordinates, in feet, of the Georgia Coordinate System, East Zone, at Y (Lat.) 770,338.17 and X (Dep.) 821,976.14) and River Mile 17.433 in the Savannah River (which point is also located by reference to the grid coordinates, in feet, of the Georgia Coordinate System, East Zone, at Y (Lat.) 770,603.10 and X (Dep.) 821,747.40), the northeastern extremity thereof lying adjacent to Hutchinson Island, having a distance of three hundred fifty (350) feet, more or less, between said River

208

Stations and grid coordinates, and from Hutchinson Island extending southwesterly riverward between said River Mile Stations from the now or former meanders of the water line of the Savannah River thereat to the new and existing channel lines established by the U.S. Army Corps of Engineers in the Savannah River thereby reached through such extensions.

Said River Mile Stations are those of the U.S. Army Corps of Engineers measured from 0-0 Mile Station at Fort Pulaski at the mouth of the Savannah River.

All the above described properties are more fully shown and described on drawings SK-122588 and SK-122288 by Joseph C. Keaton, Jr., Georgia Registered Land Surveyor No. 2233, and to which reference is made for a more full and complete description of the bounds, courses, distances, and controls of the above described strips or parcels of land.



SURVEY OF

**PROPOSED EASEMENT FOR OUTFALL DIFFUSER SYSTEM
WITHIN THE SAVANNAH RIVER, CHATHAM COUNTY, GEORGIA.**

NOTE: COORDINATES ARE BASED ON THE GEORGIA COORDINATE SYSTEM EAST ZONE AS ESTABLISHED BY THE "GEODETIC SURVEY OF GEORGIA 1938."

SURVEYED FOR: UNION CAMP CORPORATION, SAVANNAH, GEORGIA.

Joseph C. Keaton Jr.

Joseph C. Keaton Jr.
Ga. Reg. Land Surveyor No. 2233

I Certify That This Plat is A Correct Representation Of
This Land Platted And Has Been Prepared In Conformity
With The Minimum Standards And Requirements Of Law.



Scale: 1" = 200'

Date: 1-3-89
REV: 1-11-89

File:

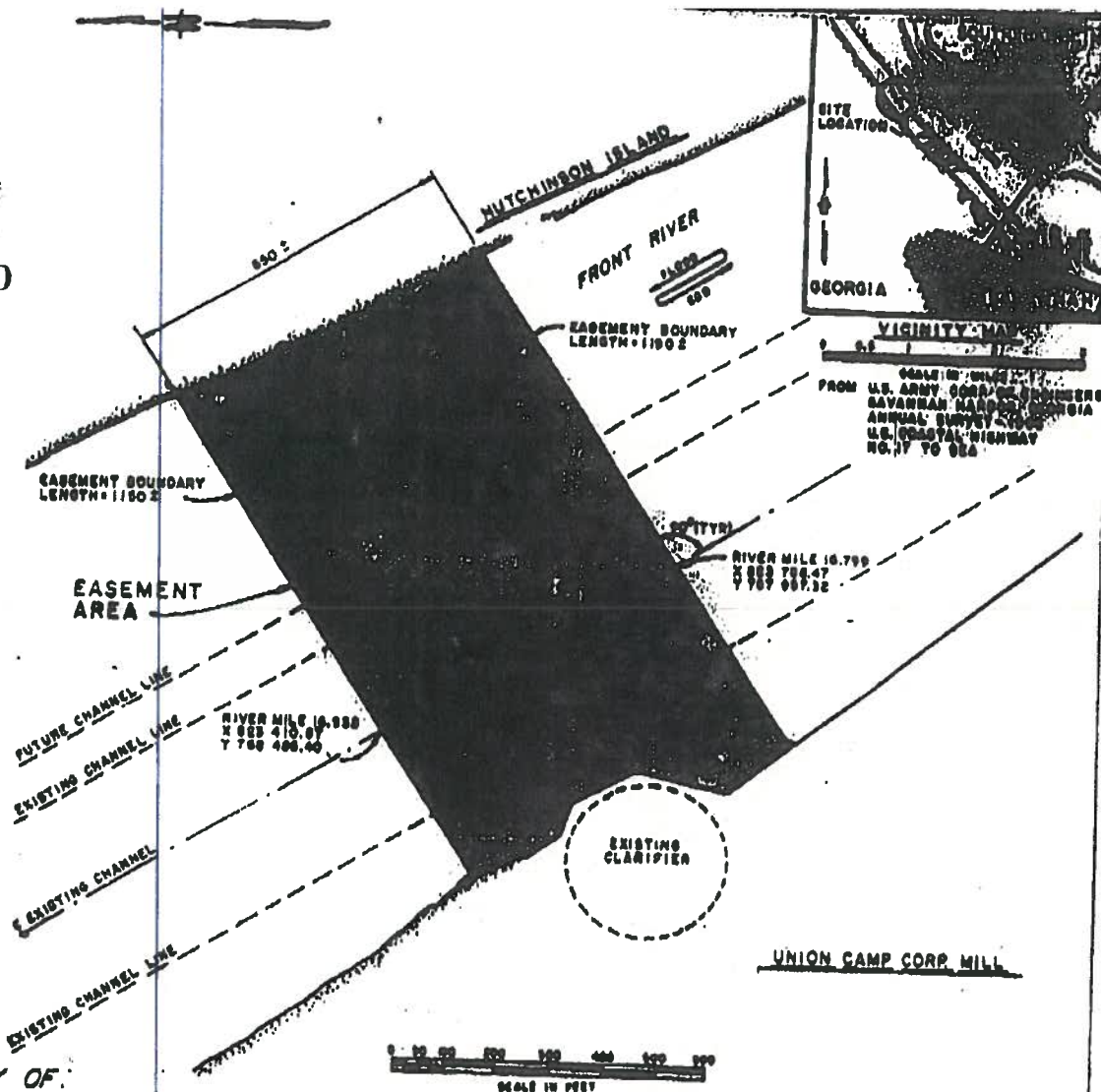
Equipment Used

Keaton Land Surveying Inc

102 Oglethorpe Professional Court - Suite 7
Savannah, Georgia (912) 354-0300.

007813

210



SURVEY OF:

PROPOSED EASEMENT FOR SUBMARINE / SUBTERRANEAN PIPELINE, ELECTRICAL & CONTROL CONDUITS CROSSING THE SAVANNAH RIVER, CHATHAM COUNTY, GEORGIA.

NOTE: COORDINATES ARE BASED ON THE GEORGIA COORDINATE SYSTEM EAST ZONE AS ESTABLISHED BY THE "GEODETIC SURVEY OF GEORGIA 1938."

SURVEYED FOR:

UNION CAMP CORPORATION, SAVANNAH, GEORGIA.

Joseph C. Keaton Jr.
 Joseph C. Keaton Jr.
 Ga. Reg. Land Surveyor No. 2233
 I Certify That This Plat is A Correct Representation Of
 This Land Platted And Has Been Prepared in Conformity
 With The Minimum Standards And Requirements Of Law.



Scale: 1" = 300'

Date: 1-3-89
REV: 1-11-89

File:

Equipment Used

Keaton Land Surveying Inc.

102 Oglethorpe Professional Court - Suite 7
Savannah, Georgia (912) 354-0300

007813



I, do hereby certify that the fifteen (15) pages hereto attached form No. 2 of 3 Executed Original Counterparts of an Easement Agreement and copy of two (2) plats describing easement areas, dated June 6, 1989, by and between the State of Georgia, acting by and through its State Properties Commission, as Grantor, and the Development Authority of Chatham County and Union Camp Corporation, as Grantees, granting and conveying an easement covering certain State-owned real property located in Chatham County, Georgia and I further certify that said Easement and plats have been recorded in this office as real property record number 781.

RECEIVED FOR RECORD
 JUNE 11 11 38 AM '89
 DOMS S STEPHENS
 CLERK S.P.C.C.G.A.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seal of my office, at the Capitol, in the City of Atlanta, this 7th day of June in the year of our Lord One Thousand Nine Hundred and Eighty-Nine.

J. Ray Crawford, Jr.

J. Ray Crawford, Jr.
 EXECUTIVE DIRECTOR

1787594001 86/11/89 STATE PROPERTIES COMMISSION