



Brunswick-Glynn County Joint Water and Sewer Commission
1703 Gloucester Street, Brunswick GA 31520
Wednesday, September 16, 2020 at 1:00 PM
Commission Meeting Room

FACILITIES COMMITTEE MEETING AGENDA

COMMITTEE MEMBERS:

Committee Chairman Ben Turnipseed
Commissioner Bob Duncan
Commissioner Charles Cook
Executive Director Andrew Burroughs

PUBLIC COMMENT PERIOD

Public Comments will be limited to 3 minutes per speaker. Comments are to be limited to relevant information regarding your position and should avoid being repetitious. Individuals should sign in stating your name, address and the subject matter on which you wish to speak. Your cooperation in this process will be greatly appreciated.

APPROVAL

- 1. Minutes from August 19, 2020 Facilities Committee Meeting (subject to any necessary changes)**
- 2. Easement and Infrastructure Dedications – T. Kline**
 - **PS 4059 – 3058 Old Cypress Mill Road / Millcrest**
 - **PS 4016 – City of Brunswick – Oak Park Subdivision, Norman Street**
 - **PS 4031 – City of Brunswick – 1200 Glynn Ave (near Marshside Grill)**
 - **Elevated Storage Tank – City of Brunswick @ Prince / MLK**
 - **PS 3129 – Satilla Sands**
 - **Coastal Club Apartments – Dedication and Satellite Agreement**
- 3. Contract Award Pump Station 4021 – A. Burroughs**
- 4. Contract Award Project 906 Academy Creek WPCF Rehab Project – A. Burroughs**
- 5. Funding of Magnolia Park S/D Water System Improvements – C. Dorminy**

DISCUSSION

- 1. Wastewater Flow Reports – A. Burroughs**
- 2. Project Report – T. Kline/A. Burroughs**

MEETING ADJOURNED

*All citizens are invited to attend.
There is a possibility of a quorum of City or County Commissioners being present.*



Brunswick-Glynn County Joint Water & Sewer Commission
1703 Gloucester Street, Brunswick, GA 31520
Commission Meeting Room
Wednesday, September 16, 2020 at 1:00 PM

FACILITIES COMMITTEE MINUTES

PRESENT: Ben Turnipseed, Chairman
Bob Duncan, Commissioner
Charles Cook, Commissioner
Andrew Burroughs, Executive Director

ALSO PRESENT: Donald Elliott, Commissioner
Charlie Dorminy, HBS Legal Counsel
LaDonnah Roberts, Deputy Executive Director
Pam Crosby, Director of Procurement
Todd Kline, Director of Engineering
Janice Meridith, Exec. Commission Administrator

MEDIA PRESENT: None Present

Chairman Turnipseed called the meeting to order at 1:00 PM.

Chairman Turnipseed provided the invocation.

PUBLIC COMMENT PERIOD

There being no citizens that wished to address the Committee, Chairman Turnipseed closed the Public Comment Period.

APPROVAL

1. Minutes from Facilities Committee Meeting August 19, 2020

Commissioner Duncan made a motion seconded by Commissioner Cook to approve the minutes from the Facilities Committee Meeting held on August 19, 2020. Motion carried 3-0-0.

2. Easement and Infrastructure Dedications – T. Kline

Mr. Kline commented that this dedication was for a group combined into one memo. The group of dedications includes:

- PS 4059 – 3058 Old Cypress Mill Road / Millcrest
- PS 4016 – City of Brunswick – Oak Park Subdivision, Norman Street
- PS 4031 – City of Brunswick – 1200 Glynn Ave (near Marshside Grill)
- Elevated Storage Tank – City of Brunswick @ Prince / MLK
- PS 3129 – Satilla Sands

- Coastal Club Apartments – Dedication and Satellite Agreement

Mr. Kline briefly described each set of documentation provided for every dedication in this grouping.

Commissioner Duncan made a motion seconded by Commissioner Cook to move that the Facilities Committee recommend that the full Commission review and approve the documents supporting the acceptance of infrastructure for the properties described herein as public for ownership, operation, and maintenance. Motion carried 3-0-0.

3. Contract Award Pump Station 4021 – A. Burroughs

Mr. Burroughs advised that there were three (3) bids received on the original IFB, all of which came in significantly higher than the budget. He commented that a good portion of the excess was necessary to pour a new valve vault that needed to be upsized. After reviewing the bids, staff reworked the scope of work, reduced the scope for the contractor, and placed the project out for re-bid. The items removed from the scope of work for bid will be completed by JWSC in-house staff. After the project was re-bid, three (3) bids were received of which the apparent low bid was provided by Southern Civil, LLC in the amount of \$447,991.00. Mr. Burroughs commented that this pump station is the one located near Sonic on Altama Avenue, which is a very tight site. With the project costing more than the budgeted amount, staff must also request additional funding to cover the cost. Mr. Burroughs highlighted the items that will be involved in the rehab of this pump station.

Commissioner Duncan made a motion seconded by Commissioner Cook to move that the Facilities Committee recommend awarding the contract for Pump Station 4021 Rehabilitation and Upgrades to Southern Civil, LLC in the amount of \$447,991.00.

Commissioner Elliott asked if JWSC has worked with Southern Civil previously. Mr. Burroughs advised that they are the current contractor for the Ridgewood Water Production Facility, and they have done other work for JWSC in the past.

Motion carried 3-0-0.

Mr. Burroughs then gave a brief overview of pump station operations for the Commissioners to have a better understanding. He provided a visual presentation which covered: types of pump and lift stations, details of how a pump station works, components of a pump, submersible pumps, etc.

4. Contract Award Project 906 Academy Creek WPCF Rehab Project – A. Burroughs

Mr. Burroughs provided that the proposals for this project were received the week before. Four (4) firms out of the five (5) originally pre-qualified submitted bids. A pre-bid site visit was held on August 6, 2020 with representatives from all five (5) of the pre-qualified firms in attendance. Bids were submitted to JWSC on Wednesday, September 9, 2020. After receiving bids from the four (4) firms, staff reviewed the pricing on the alternate items and recommended moving forward with the Base Bid, Alternate 1, Alternate 2, Alternate 3, and Alternate 5. The overall low-bid was submitted by Ruby-Collins, Inc. in the amount of \$10,139,000.00. Staff determined that this bid is reasonable and acceptable, and is in line with the cost estimate prepared by the design engineering firm Goodwyn Mills Cawood (GMC). Mr. Burroughs explained what was involved with the Base Bid and the four (4) Alternates recommended to move forward with. Included in the package, Mr. Burroughs provided the Commissioners with a copy of the Goodwyn Mills Cawood Letter of Award Recommendation and the Certified Detailed Bid Tab as prepared by GMC.

Commissioner Duncan made a motion seconded by Commissioner Cook to move that the Facilities Committee recommend awarding the contract for the Academy Creek WPCF Rehab Project – Project No. 906 to Ruby-Collins, Inc., in the amount of \$10,139,000.00.

Chairman Turnipseed advised that funding will come from SPLOST V funds and from the GEFA Loan.

Motion carried 3-0-0.

5. Funding of Magnolia Park S/D Water System Improvements – C. Dorminy

Mr. Dorminy recalled for the Commissioners that the City of Brunswick (COB) is constructing roadway and drainage improvements within Magnolia Park Subdivision. He advised that the COB has negotiated pricing with their apparent low bidder resulting in a JWSC total contribution of not to exceed \$1.65M plus temporary road patching for a total of \$1,781,261.00. Additionally, the JWSC and City entered into an Intergovernmental Agreement (IGA) for engineering services for the Magnolia Park improvements in April 2018. That IGA provided for a 50/50 split of engineering services costs up to a total of \$117,050.00. The JWSC amount needs to be increased to account for additional construction phase engineering services to include \$30,000.00 of anticipated costs pursuant to the attached Construction Phase Services Proposal dated August 13, 2020. Mr. Dorminy then reviewed and explained the attached IGA, exhibits, and documents. The IGA also provides that the JWSC will bear any costs associated with enforcing its part of the Georgia Asphalt contract, including enforcing liquidated damages provisions for the water project timeline.

Commissioner Cook made a motion seconded by Commissioner Duncan to move that the Brunswick-Glynn County Joint Water and Sewer Commission Facilities Committee forward to the full Commission the Intergovernmental Agreement with the City of Brunswick for JWSC-requested water system improvements associated with the Magnolia Park Subdivision Project with a not to exceed contribution amount of \$1,781,261.00 with a recommendation for approval.

Chairman Turnipseed asked about the unit prices on the original Exhibit “B” as compared with the revised Exhibit “B” within the IGA.

Motion carried 3-0-0.

Commissioner Cook made a motion seconded by Commissioner Duncan to further move that the Brunswick-Glynn County Joint Water and Sewer Commission Facilities Committee forward to the full Commission with a recommendation for approval the expenditure of \$30,000 for additional construction phase engineering services in accordance with the Construction Phase Services Proposal dated August 13, 2020.

Chairman Turnipseed questioned if the engineer had the Construction Phase Services in the original bid, and Mr. Kline responded that some of the costs were provided, and the remaining were provided in unit costs.

Motion carried 3-0-0.

DISCUSSION

1. Wastewater Flow Reports – A. Burroughs

Mr. Burroughs reviewed the Wastewater Flow Reports with the Commissioners. Starting with Academy Creek, he noted that there were some testing issues providing high numbers as compared to the permit requirements. He commented that once sample numbers are recorded, they must stay and cannot be changed. After a brief discussion on several details, Mr. Burroughs moved on to review the flow reports for the Dunbar and Southport Plants. Overall, all plants are operating well within permit limits.

2. Project Report – A. Burroughs / T. Kline

Mr. Kline then gave an update on the following including some photographs of the project sites: Project 417 – Ridgewood Water Production Facility; Project 702 – North Mainland Sewer Improvements; Project 704 – Canal Road to Glynco 12-inch Water Main Loop; Project 801 – FEMA Hazard Mitigation – Academy Creek; Project 805 – L Street Water Improvements; Project 2002 Altama Avenue CIPP; Project 2003 – Sea Palms CIPP; Project 2005 Coastal Club Apts. Offsite PS & FM Improvements; Project 2007 – Bergen Woods Offsite Force Main Improvements; Project 2016 – Arco Area Water and Sewer Extension; Project 2021 Galvanized Replacements; Project 2022 – PS4118/4119 Upgrades; and Project 2024 – Master Plan Update. Mr. Burroughs completed the Project Report update on the remaining projects. Mr. Burroughs and Mr. Kline also provided a Gantt Chart indicating the project timelines, as well as an Earned Value Analysis for the Capital Projects.


Mrs. Roberts provided an update on Project 2018 - Meter Replacement Program. She displayed the “Neptune 360 Demo” which is to be used as an internal tool only and is not the same as customer software and what they will see on their phone and PC. Mrs. Roberts explained the dashboard to the Commissioners, and noted that the software has many uses and the dashboard has many features. The 250 (actual 262) new meters were installed in two (2) routes/locations: North Mainland and St. Simons Island.

There being no further Committee business, Chairman Turnipseed adjourned the meeting at 2:30 p.m.

Attest:


Janice Meridith

Executive Commission Administrator


G. Ben Turnipseed, Chairman



Brunswick-Glynn County

Joint Water and Sewer Commission

Memorandum

To: Facilities Committee
From: Todd Kline, P.E., Director of Engineering
Date: Wednesday, September 16, 2020
Re: Adoption of Infrastructure – 6 Items

Background

The Brunswick Glynn Joint Water & Sewer Commission (BGJWSC) Design & Construction Standards support the acceptance of privately owned utility systems as public infrastructure when: 1) ownership is consistent with BGJWSC service delivery strategy to extend water and sewer to other potential customers; 2) the BGJWSC system reliability or capacity may be improved or increased; and, 3) dedication of the system is warranted to eliminate or prevent potential environmental damage.

Staff Report

The Owner of Record for the following six (6) projects described within, has submitted legal documents to define and execute the transfer of ownership. The water and sewer systems have been constructed in accordance with applicable standards, and BGJWSC operational superintendents and/or the project inspector have deemed the work compliant.

1. Pump Station 4059 – 3058 Old Cypress Mill Road

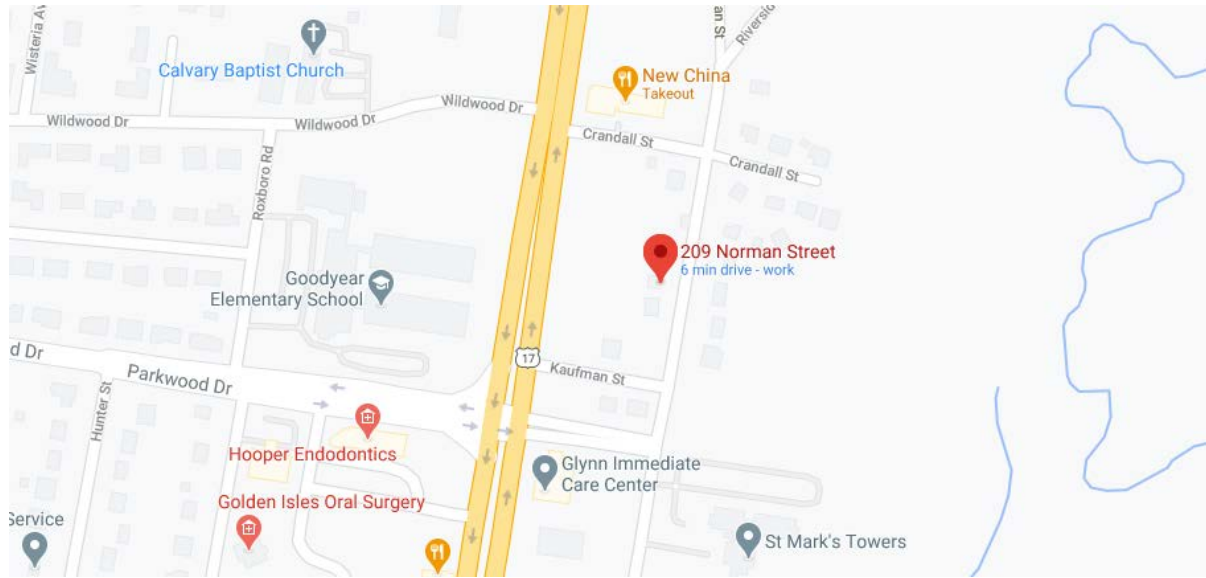
Project	Application for Dedication		Fair Value		Easement	Record Drawing / Final Plat	Deed
	Water	WW	Water	WW			
PS 4059	NA	NA	NA	NA	NA	NA	Limited Warranty Deed - Conveyed by Millcrest POA

Developer deeded the lift station property to Millcrest Property Owners Association by instrument November 16, 2011. In turn Millcrest POA is conveying it to BGJWSC.

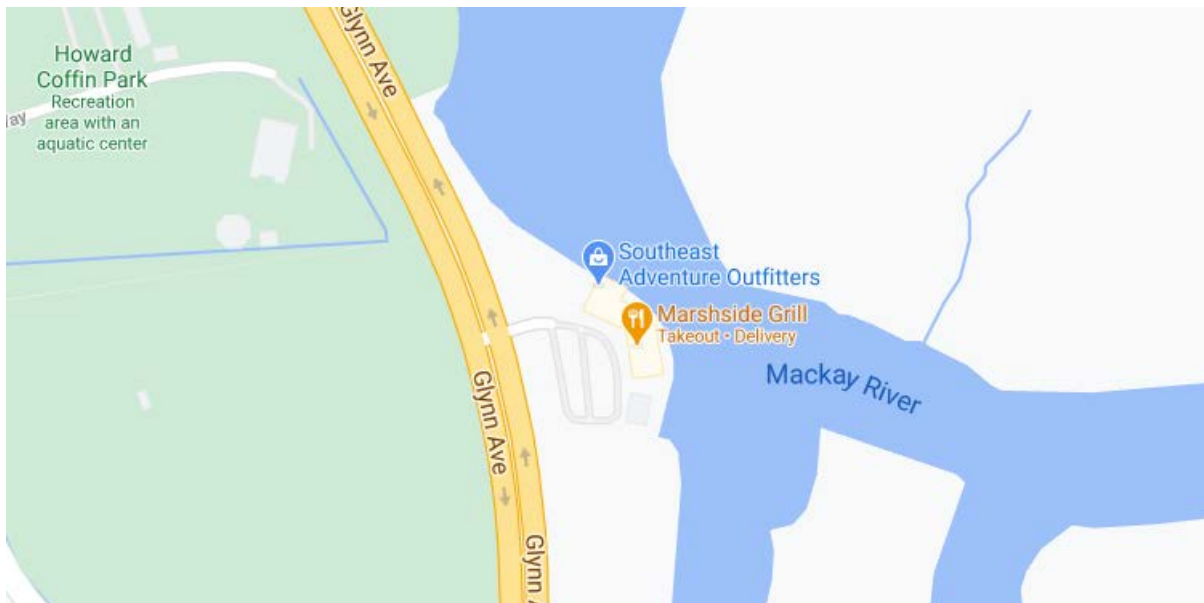


Items 2, 3 and 4	Application for Dedication		Fair Value		Easement	Record Drawing / Final Plat	Deed
Project	Water	WW	Water	WW			
PS 4016 @ Oak Park Subdiv	NA	NA	NA	NA	NA	NA	City of Brunswick - Conveyance Deed
PS 4031 @ 1200 Glynn Avenue	NA	NA	NA	NA	NA	NA	
Elevated Storage Tank @ Prince/MLK	NA	NA	NA	NA	NA	NA	

2. Pump Station 4016 – Oak Park Subdivision @ Norman Street



3. Pump Station 4031 – 1200 Glynn Avenue near Marsh Side Grill

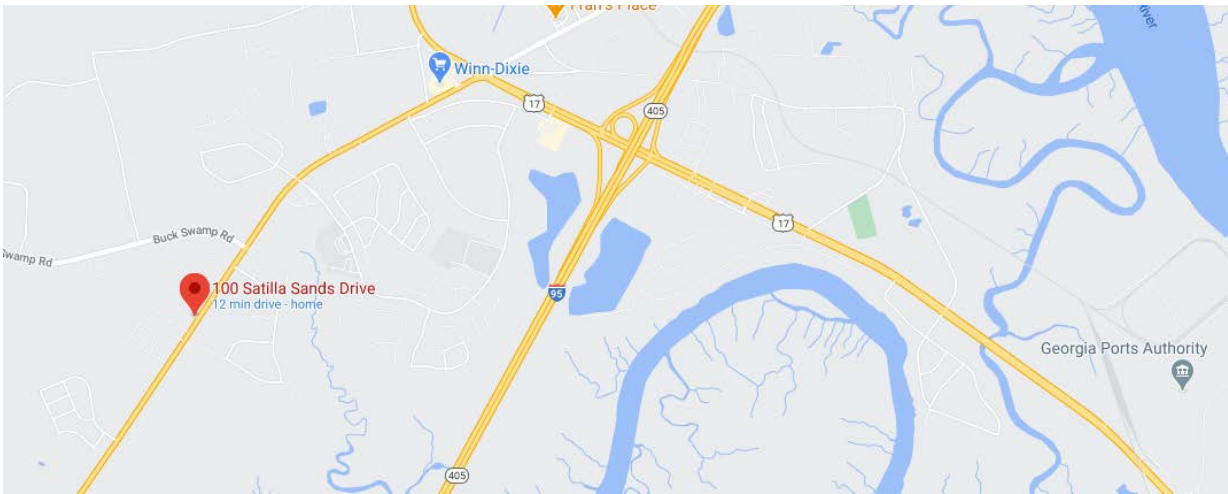


4. Elevated Storage Tank – Prince and MLK Boulevard



5. Pump Station 3129 – Satilla Sands

	Application for Dedication		Fair Value		Easement	Record Drawing / Final Plat	Deed
Project	Water	WW	Water	WW			
PS 3129 @ 100 Satilla Sands	NA	NA	NA	NA	NA	NA	Quit Claim Deed - Satilla Sands Homeowners Association

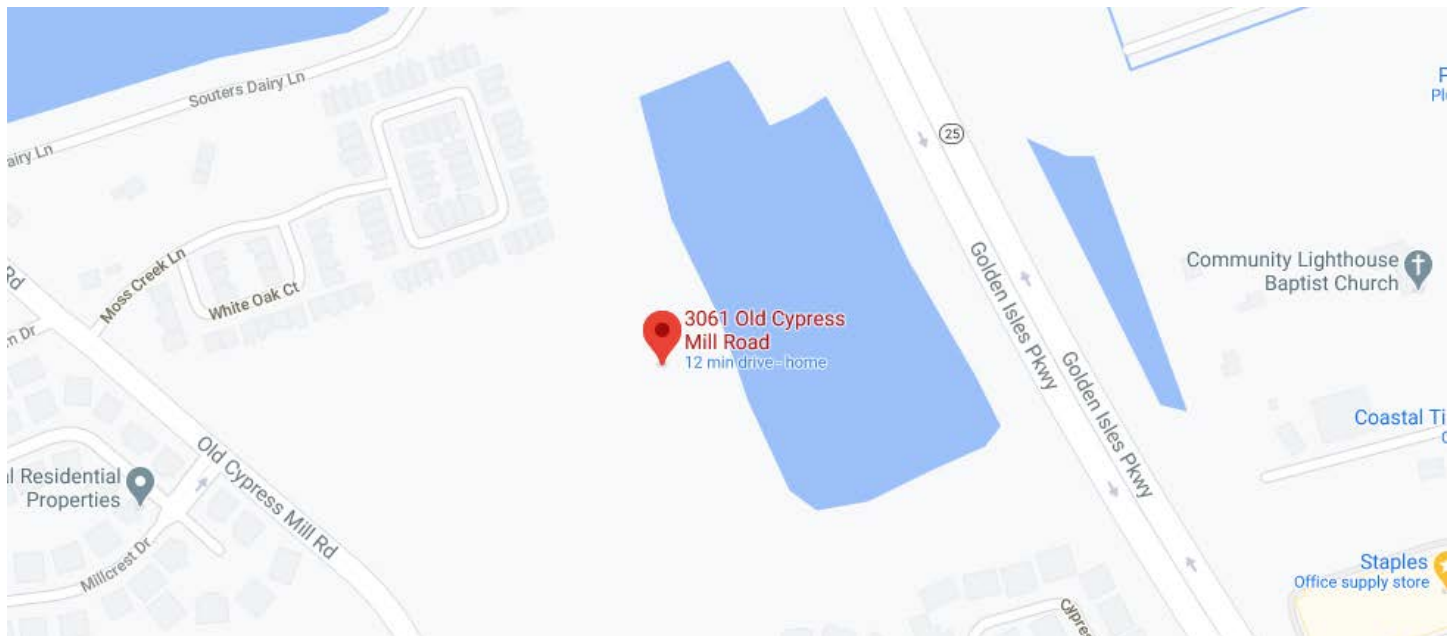


6. Coastal Club Apartments

Project	Application for Dedication		Fair Value		Easement	Record Drawing / Final Plat	Deed
	Water	WW	Water	WW			
Coastal Club Apartments	10 l.f.	14 l.f.	\$7,971	\$990	NA	NA	NA

This is an apartment complex located at 3061 Old Cypress Mill Road off US 25 Golden Isles Parkway consisting of eight (8) 3-story apartment buildings, a Recreation/Office Building, pool and 6 garages. There is a companion project for off-site force main improvement and replacement of PS 4056.

This project includes a JWSC Satellite Agreement for review/approval by the JWSC Board of Commissioners. The Glynn County W&S Ordinance (Section 2-16-15) requires that “Satellite Systems” have a formal agreement between private owners and the Utility which dictates standards of operation and maintenance, authority of the Utility for inspections, remedies for non-compliance, etc. The agreement also clears up all rights of easement regarding service lines that cross adjacent properties.



Recommended Action

In as much as all requirements of the BGJWSC Design & Construction standards and Development Procedures have been met and all related documents submitted staff recommends the BGJWSC Facilities Committee accept the 6 utility property and/or systems described herein as public for ownership, operation and maintenance.

Recommended Motion

“I make a motion that the Facilities Committee recommend that the full Commission review and approve the documents supporting the acceptance of infrastructure for the property described herein as public infrastructure for ownership, operation, and maintenance.”

Enclosures

1. Pump Station 4059 Limited Warranty Deed – *Requires BOC Chairperson Signature*
2. Pump Station 4016, Pump Station 4031 and Elevated Storage Tank Conveyance Deed – *Requires BOC Chairperson Signature*
3. Pump Station 3129 Quit Claim Deed – *Requires BOC Chairperson Signature*
4. Coastal Club Apartments Application for Dedication – *Requires BOC Chairperson Signature*
5. Coastal Club Apartments Satellite Agreement – *Requires BOC Chairperson Signature*

(Above the Line Reserved for Clerk Recording Data)

Return to:

Hall Booth Smith, P.C.

Attn: Charles A. Dorminy, J.D., LL.M.

3528 Darien Highway, Suite 300

Brunswick GA 31525

WWL 4059

**STATE OF GEORGIA
COUNTY OF GLYNN**

LIMITED (SPECIAL) WARRANTY DEED

THIS INDENTURE is made as of the ____ day of _____, 2020, by and between **MILLCREST PROPERTY OWNERS ASSOCIATION, INC.**, a Georgia non-profit corporation (hereinafter referred to as the "Grantor"), and the **BRUNSWICK-GLYNN COUNTY JOINT WATER AND SEWER COMMISSION**, a public corporation created by Local Act of the General Assembly of the State of Georgia, acting by and through its Board of Commissioners (hereinafter referred to as the "Grantee").

WITNESSETH:

FOR AND IN CONSIDERATION of the sum of TEN DOLLARS (\$10.00) in hand paid to Grantor by Grantee at and before the execution, sealing and delivery thereof, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Grantor has granted, bargained, sold, aliened, conveyed and confirmed, and by these presents does grant, bargain, sell, alien, convey and confirm unto Grantee, and the successors, legal representatives and assigns of Grantee, all of the following property, to wit:

All that tract or parcel of land, consisting of 2,496 square feet, lying and being in G.M.D. 26, Glynn County, Georgia, and being more particularly described as follows:

Commence at the intersection of the southwestern right-of-way margin of Old Cypress Mill Road (80-foot wide right-of-way) with the southeastern right-of-way margin of Millcrest Drive (varied width), run thence along the southwestern right-of-way margin of said Old Cypress Mill Road South 49 degrees 52 minutes 50 seconds East 343.6 feet to a point, which point is the POINT OF BEGINNING of the herein conveyed tract. From said Point of Beginning run thence South 40 degrees 07 minutes 10 seconds West 50.00 feet to a point; run thence South 49 degrees 52 minutes 50 seconds East 50.00 feet to a point; run thence North 40 degrees 07 minutes 10 seconds East 49.52 feet to a point on the southwestern right-of-way margin of said Old Cypress Mill Road; run thence in a northwesterly direction along said right-of-way margin 50 feet, more or less, to the Point of Beginning.

Said conveyed tract being shown and identified as "Pump Station" according to the Final Plat For Millcrest, prepared by Shupe Surveying Company, P.C., Gary R. Nevill, G.R.L.S. No. 2401, dated August 17, 2000, recorded in Plat Drawer 26, Page 243, Glynn County, Georgia Superior Court records, to which reference is hereby particularly made.

This is the same property as described in that certain Quitclaim Deed dated November 16, 2011, from Driggers Homes, Inc. (formerly Driggers Development, Inc.), to Millcrest Property Owners Association, Inc., recorded in Deed Book 2943, Page 8, Glynn County, Georgia Superior Court records.

TOGETHER WITH all water and/or sewer infrastructure and improvements located on said tract or parcel.

TO HAVE AND TO HOLD said tract or parcel of land, together with any and all of the rights, members and appurtenances thereof, thereto and therein, to the same being, belonging or in any wise appertaining, to the only proper use, benefit and behoof of Grantee forever, in full fee simple title so that neither the Grantor nor any person or persons claiming under it shall at any time, by any means or ways, dispute the right, title and interest of the Grantee.

IN WITNESS WHEREOF, Grantor has caused this instrument of conveyance, deed, transfer and grant to be signed in its name and its seal to be affixed thereto and attested by its Clerk, all in accordance and compliance with the laws of the State of Georgia, and delivered these presents on this the day and year first above written.

MILLCREST PROPERTY OWNERS
ASSOCIATION, INC.

By:

Name:

Title:

Robert E. State
President

Attest:

* Christie Holliday
Name: Christie Holliday
Title: Secretary

Unofficial Witness

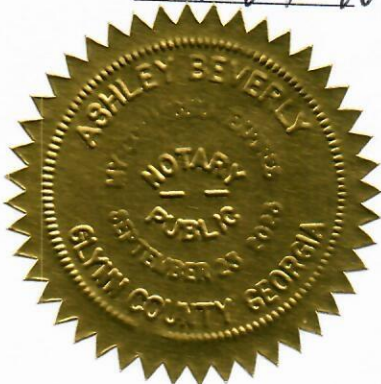
Signed, sealed and delivered on this
24th day of August, 2020,
and in the presence of:

Ashley Beverly

NOTARY PUBLIC

My Commission Expires:

09-17-2023



DEED ACCEPTANCE:

IN WITNESS WHEREOF, Grantee has caused this instrument of conveyance, deed, transfer and grant to be signed in its name and its seal to be affixed thereto and attested by its Clerk, all in accordance and compliance with the laws of the State of Georgia, and delivered these presents on this the day and year first above written.

**BRUNSWICK-GLYNN COUNTY JOINT
WATER AND SEWER COMMISSION**

By:

Ben Turnipseed, P.E., Chairman

Attest to:

Janice Meredith, Clerk

Unofficial Witness

Signed, sealed and delivered on this
____ day of _____, 2020,
and in the presence of:

NOTARY PUBLIC

My Commission Expires: _____

Return to:
Hall Booth Smith, P.C.
Attn: Charles A. Dorminy, J.D., LL.M.
3528 Darien Highway, Suite 300
Brunswick GA 31525

**STATE OF GEORGIA
COUNTY OF GLYNN**

A CONVEYANCE, Deed, Transfer, and Grant of Easement Rights made and entered into this 1st day of July, 2020, by and between **CITY OF BRUNSWICK**, a municipal corporation of the State of Georgia, acting by and through its Mayor and Board of Commissioners (hereinafter referred to as the "Grantor"), and the **BRUNSWICK-GLYNN COUNTY JOINT WATER AND SEWER COMMISSION**, a public corporation created by Local Act of the General Assembly of the State of Georgia, acting by and through its Board of Commissioners (hereinafter referred to as the "Grantee").

WITNESSETH:

WHEREAS, Grantor and Grantee (along with Glynn County) entered into an Operational Agreement on July 6, 2007, and six Addenda thereto as of the date hereof (collectively the "Operational Agreement"), for the purposes of entrusting the Grantee herein with the operation and maintenance of a unified water and wastewater system (hereinafter "System"), and transferring to Grantee all of its right, title and interest in Grantor's real, personal and intangible property, and assets and projects for the operation and maintenance of the System; and

WHEREAS, the Operational Agreement further provides that any of the aforesaid property and/or assets discovered to be owned by Grantor will be conveyed to the Grantee for use in the operation and maintenance of the System.

NOW THEREFORE, Grantor herein, for and in consideration of the mutual promises and undertakings as hereinafter contained and other good and valuable consideration paid to it at and before the sealing and delivery of these presents, the receipt whereof is hereby acknowledged and confessed, does hereby grant, convey, transfer, assign and deliver unto the Grantee, its successors and assigns in full fee simple title and/or an easement (where applicable), the following described real and/or personal property, easements, rights in land used in the operation, maintenance and expansion of the System. As used herein, the term "property" may include, but not be limited to, water and sanitary sewer systems, plants, works, instrumentalities and properties used in connection with the System and in the conservation, treatment, filtration, sedimentation and disposal of sanitary sewerage, and the distribution and sale of water for public and private uses. Said property and assets are set forth in Exhibit "A" attached hereto and made a part hereof.

There is expressly excluded from this transfer and conveyance to Grantee herein any and all land and properties and rights in property pertaining to drainage, utilities other than water and sanitary sewer, storm water facilities and street rights-of-way. Notwithstanding, Grantor does hereby grant and convey unto said Grantee, its successors and assigns, the right at all times to reconstruct, install, relocate, maintain, repair, replace water and sewer systems located within Grantor's street rights-of-way.

This transfer and conveyance shall convey title to real property, so far as real property and easements and rights therein are concerned, shall convey title with respect to all tangible and intangible personal property appurtenant thereto, and shall be subject to all rights contained in referenced instruments.

TO HAVE AND TO HOLD the above described real and/or personal property and easements, together with all and singular rights, members and appurtenances thereof, thereto and therein, to the same being, belonging, or in any wise appertaining, to the only proper use, and benefit of Grantee, successors and assigns, forever in full fee simple title, so that neither the Grantor nor any person or persons claiming under it shall at any time, by any means or ways, dispute the right, title and interest of the Grantee.

Grantor herein represents and covenants that its Board of Commissioners approved and authorized the making and execution of this conveyance and transfer and Grantor has furnished to Grantee herein certified copies of that portion of the minutes of meetings of its Board of Commissioners approving and authorizing the conveyance and transfer and that such meeting was held in accordance with the applicable laws of the State of Georgia.

IN WITNESS WHEREOF, Grantor has caused this instrument of conveyance, deed, transfer and grant to be signed in its name and its seal to be affixed thereto and attested by its Clerk, all in accordance and compliance with the laws of the State of Georgia, and delivered these presents on this the day and year first above written.

CITY OF BRUNSWICK, GEORGIA

By:

Cornell L. Harvey
CORNELL HARVEY, Mayor

Attest to:

Naomi Atkinson
NAOMI ATKINSON, Clerk

Hylam Pinoray
Unofficial Witness

Signed, sealed and delivered on this 1st
day of July, 2020, and in the
presence of:

Courtney K. McGill
NOTARY PUBLIC

My Commission Expires: 12-3-21

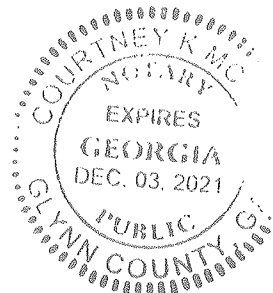


EXHIBIT "A"

All of the following tracts, lots and parcels of land, lying and being in Glynn County, Georgia, pertaining to water and wastewater systems, excepting any drainage provisions therein, excepting any rights-of-way but including access provisions therein to water and sewer lines, appurtenances and facilities, and being more particularly described as follows, to-wit:

Parcel 1 **Lift Station**

All that tract or parcel of land, containing 2,627 square feet, lying and being in G.M.D. 26, City of Brunswick, Glynn County, Georgia, and being more particularly described as follows:

In order to find the Point of Beginning, commence at the southeast corner of Lot 11 of Oak Park Subdivision, which corner is located at the intersection of the western right of way of Norman Street (80-foot wide public right of way) with the northern right of way of Kaufman Street (50-foot wide public right of way), and from said corner run thence along the western right of way of said Norman Street and along the eastern boundary of Lot 11 and then Lot 10 of said Oak Park Subdivision a distance of 201.40 feet, more or less, to a 3/4" iron pin found which marks the Point of Beginning of the herein described tract. From said Point of Beginning run thence along the northern boundary of Lot 10 Oak Park Subdivision North 82 degrees 00 minutes 00 seconds West 71.40 feet to a 1/2" capped iron rebar set; run thence North 39 degrees 52 minutes 00 seconds East 6.55 feet to a 1/2" capped iron rebar set; run thence North 25 degrees 44 minutes 00 seconds East 9.50 feet to a 1/2" capped iron pin found; run thence North 14 degrees 58 minutes 00 seconds East 9.90 feet to a 1/2" capped iron pin found; run thence North 08 degrees 19 minutes 52 seconds 10.30 feet to a 1/2" capped iron rebar set; run thence North 05 degrees 14 minutes 38 seconds East 5.27 feet to a 1/2" capped iron rebar set; run thence South 82 degrees 00 minutes 00 seconds East 64.60 feet to a 3/4" iron pin found disturbed at the southeast corner of Lot 9 of Oak Park Subdivision, which is on the western right of way of said Norman Street; run thence along the western right of way of said Norman Street South 08 degrees 48 minutes 41 seconds West 40.00 feet to the Point of Beginning of the herein described tract.

Said description according to Boundary Survey of Lift Station #WWL4016, Oak Park Subdivision, by Gary R. Nevill, Georgia Registered Land Surveyor No. 2401 dated November 3, 2017, and recorded in the public records of Glynn County, Georgia, in Plat Book 35, Page 30, to which reference is hereby particularly made.

Parcel 2
Lift Station

All that tract or parcel of land, containing 193 square feet, lying and being in G.M.D. 26, City of Brunswick, Glynn County, Georgia, and being more particularly described as follows:

Begin at a nail set on the northeastern margin of the right-of-way of Glynn Avenue (a/k/a U.S. Highway 17) (200± feet wide right-of-way), said beginning point has Georgia State Coordinate System, East Zone, NAD83 of N-418943.67 and E-871992.11, run thence North 75 degrees 23 minutes 03 seconds East 15.00 feet to a nail set; run thence South 14 degrees 26 minutes 00 seconds East 12.95 feet to a nail set (N-418934.92 and E-872009.85); run thence South 75 degrees 44 minutes 56 seconds West 15.00 feet to a nail set on the northeastern margin of the right-of-way of said Glynn Avenue; run thence along a curve in the northeastern margin of the right-of-way of said Glynn Avenue North 14 degrees 26 minutes 00 seconds West a chord length 12.85 (an arc length of 12.85 feet) to the point of beginning.

Said description according to Boundary Survey of Lift Station #WWL4031 by Gary R. Nevill, Georgia Registered Land Surveyor No. 2401 dated May 19, 2016, and recorded in the public records of Glynn County, Georgia, in Plat Book 35, Page 28, to which reference is hereby particularly made.

Parcel 3
Elevated Water Storage Tank

All that tract or parcel of land, containing 8,100 square feet, lying and being in G.M.D. 26, City of Brunswick, Glynn County, Georgia, and being more particularly described as follows:

Begin at a 1/2" capped iron rebar set at the intersection of the western right of way of Martin Luther King, Jr. Boulevard (120-foot wide public right of way) with the

northern right of way of Prince Street (90-foot wide public right of way), which said 1/2" capped iron rebar set is the southeastern-most corner of Lot 541, Old Town, and the Point of Beginning of the herein described tract. From said Point of Beginning run thence along the northern right of way of said Prince Street South 72 degrees 39 minutes 00 seconds West 90.00 feet to a 1/2" capped iron rebar set; run thence North 17 degrees 21 minutes 00 seconds West 90.00 feet to a 1/2" capped iron rebar set; run thence North 72 degrees 39 minutes 00 seconds East 90.00 feet to a 1/2" capped iron rebar set on the western right of way of said Martin Luther King, Jr. Boulevard; run thence along the western right of way of said Martin Luther King, Jr. Boulevard South 17 degrees 21 minutes 00 seconds East 90.00 feet to the 1/2" capped iron rebar set which marks the Point of Beginning of the herein described tract.

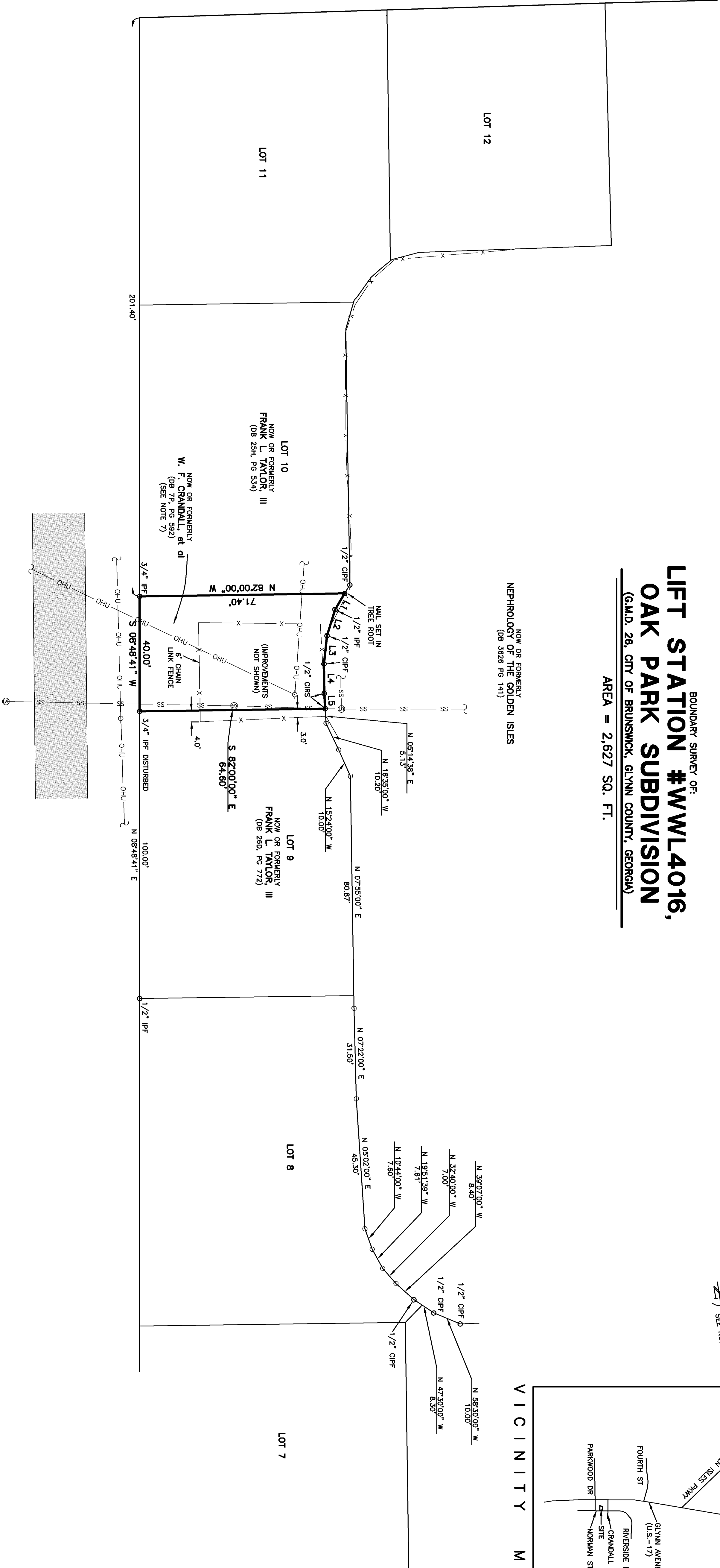
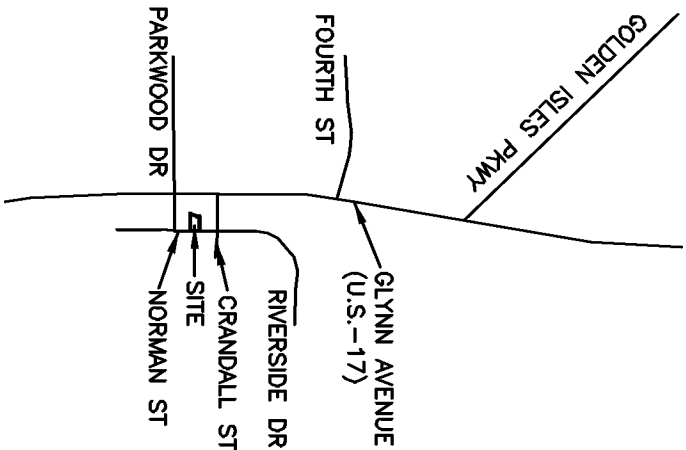
Said description according to Boundary Survey of Elevated Water Storage Tank #11EST, a Portion of Lot 541, Old Town, by Gary R. Nevill, Georgia Registered Land Surveyor No. 2401 dated July 15, 2016, and recorded in the public records of Glynn County, Georgia, in Plat Book 35, Page 31, to which reference is hereby particularly made.

RECEIVED FOR OFFICE OF THE CLERK OF SUPERIOR COURT

BOUNDARY SURVEY OF:
**LIFT STATION #WWL4016,
OAK PARK SUBDIVISION**
(G.M.D. 26, CITY OF BRUNSWICK, GLYNN COUNTY, GEORGIA)
AREA = 2,627 SQ. FT.

NOW OR FORMERLY
NEPHROLOTON OF THE GOLDEN ISLES
(DB 3526 PG 141)

V I C I N I T Y M A P



NORMAN STREET (80' PUBLIC R/W)

KAUFMAN STREET (50' PUBLIC R/W)

LEGEND:

- CHS CAPED IRON REBAR SET (SSC PG. LSF 317)
- IPF IRON PIPE FOUND
- CIPF CAPED IRON PIPE FOUND (LSF 1244)
- UTILITY POLE
- SAINTARY SEWER MANHOLE
- ASPHALT
- X FENCE
- SS SEWER LINE
- OHU OVERHEAD UTILITY LINE

NOTES:

1. BEGINNINGS SHOWN ON THIS SURVEY ARE BASED UPON THE RECORDED SUBDIVISION PLAT, SEE NOTE 2A.
2. SURVEY REFERENCE:
 - A. PLAT BY L. S. MILLER, GA. P.E. # 399, DATED 7/15/43, TITLED "OAK PARK SUBDIVISION", RECORDED AT PG 2, PG 35.
 - B. SURVEY (PRELIMINARY) BY JACKSON SURVEYING, INC., DATED 10/16/17, TITLED "MAP TO SHOW SUBDIVISION PLAT OF OAK PARK TOURIST COURT TRACT".
 - C. SURVEY BY CHARLES L. JOHNSON, GA. P.L.S.# 2640, DATED 5/23/03, TITLED "MAP SHOWING REDVISION OF A PORTION OF THE OAK PARK TOURIST COURT TRACT AND LOT 5, OAK PARK SUBDIVISION", RECORDED IN PG 29, PG 96.
3. FIELD EQUIPMENT USED FOR THIS PLAT: LEICA TS12.
4. THIS SURVEY IS BASED ON FIELD WORK COMPLETED ON 11/22/17. SHUPE SURVEYING COMPANY, P.C. IS NOT RESPONSIBLE FOR ANY CHANGES TO THE SITE AFTER THIS DATE.
5. THE FIELD DATA UPON WHICH THIS PLAT WAS BASED HAS A RELATIVE POSITIONAL TOLERANCE OF 0.05 FEET AT THE 95% CONFIDENCE LEVEL, AND WAS ADJUSTED USING LEAST SQUARES METHOD.
6. THIS PLAT HAS BEEN CALCULATED FOR CLOSURE AND IS FOUND TO BE ACCURATE WITHIN 1" IN 117,881".
7. THE ADJOINING LAND OWNERS AND CURRENT OWNERSHIP OF THE SUBJECT PROPERTY SHOWN ON THIS SURVEY WERE THOROUGHLY RESEARCHED AND VERIFIED BY THE SURVEYOR. THE SURVEYOR HAS NO KNOWLEDGE OF ANY UNRECORDED INTERESTS OR EASEMENTS IN THE SUBJECT PROPERTY. THE SURVEYOR HAS NO KNOWLEDGE OF ANY UNRECORDED INTERESTS OR EASEMENTS IN THE SUBJECT PROPERTY. THE SURVEYOR HAS NO KNOWLEDGE OF ANY UNRECORDED INTERESTS OR EASEMENTS IN THE SUBJECT PROPERTY.
8. ACCORDING TO F.I.R.M. MAP NO. 131272, PANEL 0236F, DATED 9/6/06, IT IS MY OPINION THAT THE PROPERTY SHOWN ON THIS PLAT LIES WITHIN ZONE AE (EL=10), WHICH IS IN A SPECIAL FLOOD HAZARD AREA.
9. THIS PLAT WAS PRODUCED WITHOUT THE BENEFIT OF A TITLE EXAMINATION.

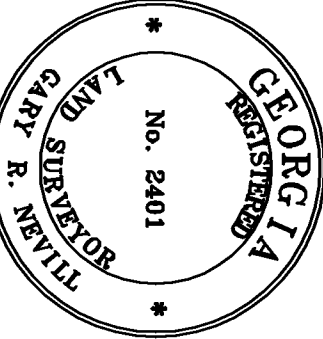
SURVEYORS CERTIFICATION FOR RECORDING

THIS PLAT IS A RETRACEMANT OF AN EXISTING PARCEL OR PARCELS OF LAND AND DOES NOT ESTABLISH NEW BOUNDARIES. THE RECORDING INFORMATION OF THE DOCUMENTS MAPS, OR OTHER INSTRUMENTS WHICH CREATED THE PARCEL OR PARCELS ARE STATED HEREON. RECORDED OF THIS PLAT DOES NOT IMPLY APPROVAL OF ANY LOCAL JURISDICTION, AVAILABILITY OF PERMITS, COMPLIANCE WITH LOCAL REGULATIONS OR REQUIREMENTS, OR SUITABILITY FOR ANY USE OR OCCUPANCY. THE SURVEYOR HAS NO KNOWLEDGE OF ANY UNRECORDED INTERESTS OR EASEMENTS IN THE SUBJECT PROPERTY. THE SURVEYOR HAS NO KNOWLEDGE OF ANY UNRECORDED INTERESTS OR EASEMENTS IN THE SUBJECT PROPERTY. THE SURVEYOR HAS NO KNOWLEDGE OF ANY UNRECORDED INTERESTS OR EASEMENTS IN THE SUBJECT PROPERTY.

DARY R. MENTILL, GA. P.L.S.# 2401

8-7-20

DATE



SURVEY FOR: **BRUNSWICK-GLYNN COUNTY
JOINT WATER & SEWER COMMISSION**

LIFT STATION #WWL4016, OAK PARK SUBDIVISION

JOB # 18045 DWG # 18045 DWN BY: NS SCALE: 1"= 20'
FIELD WORK COMPLETED: 11/22/17 PLAT COMPLETED: 11/23/17

SHUPE SURVEYING COMPANY, P.C.

3837 DAREN HWY,
BRUNSWICK, GEORGIA 31525
912-265-0562

CERTIFICATION OF AUTHORIZATION NO. LSF 317

(Above the Line Reserved for Clerk Recording Data)

Return to:

Hall Booth Smith, P.C.

Attn: Charles A. Dorminy, J.D., LL.M.

3528 Darien Highway, Suite 300

Brunswick GA 31525

**STATE OF GEORGIA
COUNTY OF GLYNN**

QUIT CLAIM DEED

THIS INDENTURE is made as of the 9 day of September, 2020, by and between **SATILLA SANDS HOMEOWNERS ASSOCIATION, INC.**, a Georgia non-profit corporation (hereinafter referred to as the "Grantor"), and the **BRUNSWICK-GLYNN COUNTY JOINT WATER AND SEWER COMMISSION**, a public corporation created by Local Act of the General Assembly of the State of Georgia, acting by and through its Board of Commissioners (hereinafter referred to as the "Grantee").

WITNESSETH: That Grantor for and in consideration of the sum of ONE DOLLAR (\$1.00) AND OTHER VALUABLE CONSIDERATION in hand paid the receipt whereof is hereby acknowledged, has bargained, sold and by these presents does remise, release, and forever QUIT-CLAIM to Grantee all the right, title, interest, claim or demand Grantor has or may have had in and to the following described property, to-wit:

All that tract or parcel of land, lying and being in G.M.D. 27, Glynn County, Georgia, consisting of 2,251 square feet, more or less, and being more particularly described as follows:

Begin at a point where the northeastern right-of-way margin of Satilla Sands Drive (varied width) intersects with the northwestern right-of-way margin of U.S. Highway 17 (200-foot wide right-of-way), and with said point being the POINT OF BEGINNING of the herein described Lift Station Tract, run thence along the northwestern right-of-way margin of said U.S. Highway 17 North 33 degrees 18 minutes 21 seconds East 31.00 feet to a point; run thence North 56 degrees 41 minutes 39 seconds West 61.48 feet to a point; run thence South 42 degrees 27 minutes 21 seconds West 55.64 feet to a point on the northern right-of-way margin of said Satilla Sands Drive; run thence along the northern right-of-way margin of said Satilla Sands Drive North 78 degrees 17 minutes 52 seconds East 19.00 feet to a point; continue thence along a curve in said right-of-way margin a chord direction of South 79 degrees 11 minutes 54 seconds East a chord distance of 27.43 feet (an arc distance of 28.15 feet) to a point; continue thence along the said right-of-way margin of said Satilla Sands Drive South 56 degrees 41 minutes 39 seconds East 31.56 feet to the Point of Beginning of the herein described Lift Station Tract.

Said tract is shown as "Lift Station Tract/Parcel" on Final Subdivision Plat of Satilla Sands prepared by Jackson Surveying, Inc., and recorded in Plat Book 31, Pages 21 and 22, in the public records of Glynn County, Georgia. Reference is hereby made to said plat and to the record thereto for all further purposes of description and location.

TOGETHER WITH all water and sewer infrastructure and improvements located on said tract or parcel.

TO HAVE AND TO HOLD the said described premises to Grantee, so that neither Grantor nor its successors and assigns, nor any other person or persons claiming under it shall at any time, by any means or ways, have, claim or demand any right or title to the aforesaid described premises or appurtenances, or any rights thereof.

[Signatures on following pages]

IN WITNESS WHEREOF, Grantor has caused this instrument of conveyance, deed, transfer and grant to be signed in its name and its seal to be affixed thereto and attested by its Secretary, all in accordance and compliance with the laws of the State of Georgia, and delivered these presents on this the day and year first above written.

**SATILLA SANDS HOMEOWNERS
ASSOCIATION, INC.**

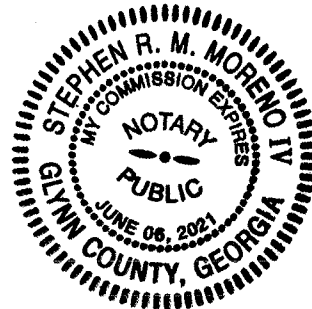
By: M. Gallucci
President

Attest to: [Signature]
Secretary

Jamie Griger
Unofficial Witness

Signed, sealed and delivered on this
9 day of September, 2020,
and in the presence of:

[Signature]
NOTARY PUBLIC
My Commission Expires: June 6th, 2021



DEED ACCEPTANCE:

IN WITNESS WHEREOF, Grantor has caused this instrument of conveyance, deed, transfer and grant to be signed in its name and its seal to be affixed thereto and attested by its Clerk, all in accordance and compliance with the laws of the State of Georgia, and delivered these presents on this the day and year first above written.

**BRUNSWICK-GLYNN COUNTY JOINT
WATER AND SEWER COMMISSION**

By: _____
Chairman

Attest to: _____
Clerk

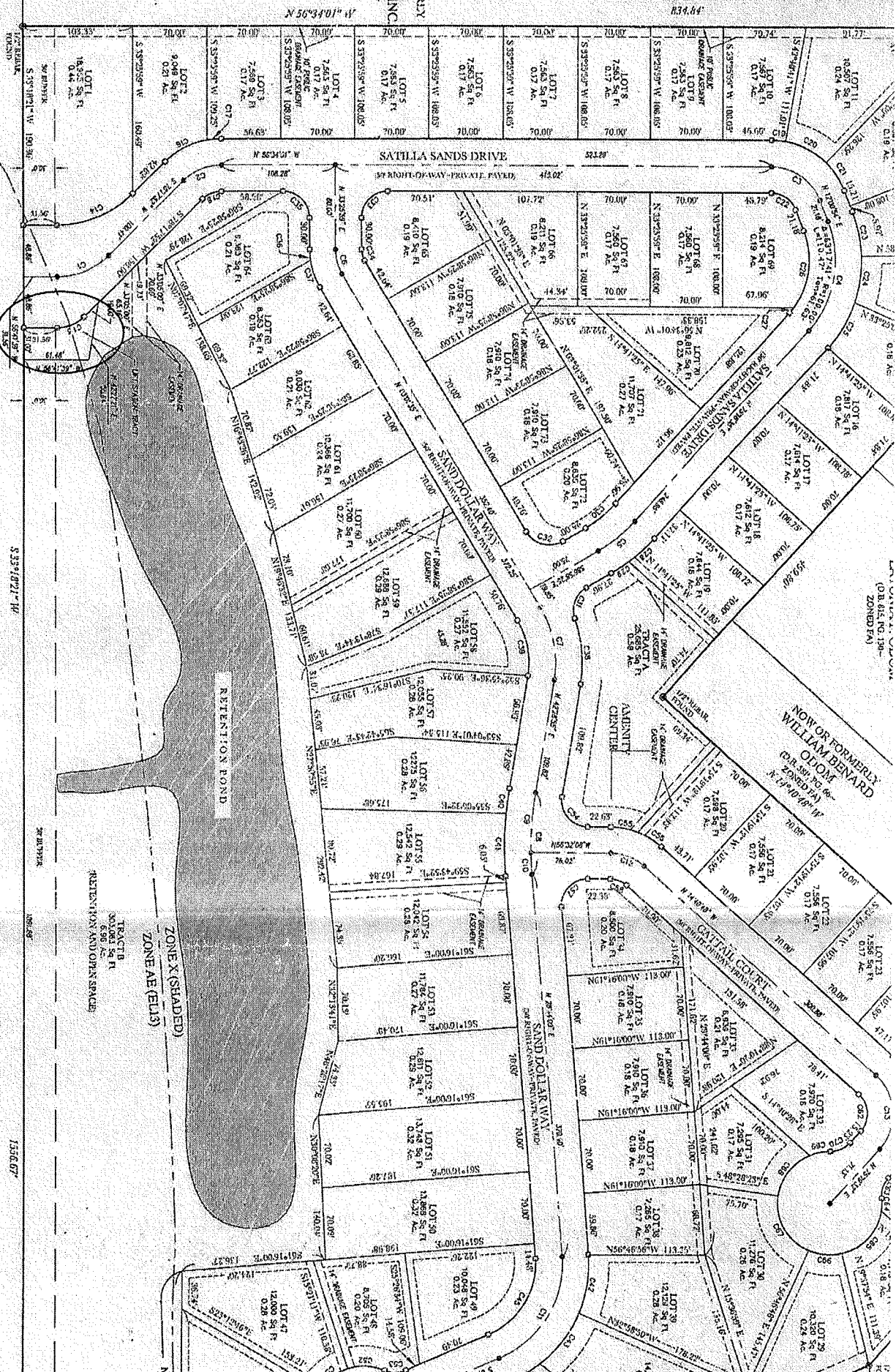
Unofficial Witness

Signed, sealed and delivered on this
_____ day of _____, 2020,
and in the presence of:

NOTARY PUBLIC
My Commission Expires: _____

NOW OR FORMERLY
SPALDING
ENTERPRISES INC.
DE 440,173.34-
ZONED M-1

R34.64



SURVEYOR'S NOTES:

1. REFERENCE BEARING HAS ANGLE 84-1, DEG. 13.27' (90.000°).
2. ALL BOUNDARY ELEVATIONS PROVIDED ARE IN 1985.90 MSL. ELEV. ON THE SATILLA RIVER AT ITS FLOW DATED 1985.90. IN 2005 THE SATILLA PROPERTY, BOUNDARY ELEVATIONS ON SATILLA PROPERTY CAN BE CONVERTED TO 1985.90 MSL BY SUBTRACTING 1.07' FROM ELEVATIONS SHOWN HEREON.



HALL BOOTH SMITH, P.C.
ATTORNEYS AT LAW

Charles A. Dorminy J.D., L.L.M.
Phone: (912) 554-0093
cad@hallboothsmith.com

3528 Darien Highway
Suite 300
Brunswick, Georgia 31525

Office: (912) 554-0093
www.hallboothsmith.com

May 4, 2020

Satilla Sands Homeowners Association, Inc.
Attn: Laura C. Hinson, Registered Agent
1029 Sand Dollar Way
Brunswick GA 31523

RE: Waste Water Lift Station 3129

Dear Ms. Hinson:

My firm represents the Brunswick-Glynn County Joint Water and Sewer Commission (JWSC). It has come to the Commission's attention that the Waste Water Lift Station on Satilla Sands Drive was never been properly conveyed from the developer, BWG Properties, LLC, to JWSC.

The Subdivision survey states "Water and sewer service is to be provided by the Brunswick-Glynn County Joint Water and Sewer Commission on behalf of Glynn County with acceptance by separate instrument." Therefore, we have no doubt that a transfer of ownership has legally occurred; however, we have been unable to locate a recorded instrument conveying the Lift Station Parcel to JWSC. The Lift Station Parcel was transferred to Satilla Sands Homeowners Association, Inc., by Solid Rock Holdings, LLC, in the Quit Claim Deed dated August 31, 2012 (Deed Book 3044, Page 426).

Attached are a plat showing the area in which I am referencing and a proposed deed which would convey the Lift Station Parcel to the JWSC. Please review and have the deed properly executed, witnessed, notarized and returned to my attention for filing with the Clerk of Court.

I am happy to discuss this matter with you. Thank you for your time and attention to this matter.

Best regards,

/s/ Charlie Dorminy

Charles A. Dorminy

CAD/jde
Enclosures
cc: Andrew Burroughs, Executive Director

BRUNSWICK, GA



Application for Dedication of Water/Wastewater Systems

Part A: Statement of Intention

Having completed the installation of the water/wastewater system for the property tract or

Sub-division heretofore known as Coastal Club Apartments; the current

Owner(s) of the system, being Coastal Club Brunswick, LLC, located

at Old Cypress Mill Road, is desirous of dedicating the constructed

utility system(s) for ownership, operation and maintenance to the appropriate public entity licensed and permitted to operate such system(s) within this jurisdictional area. This Application and requested information is being submitted with this intention.

Part B: Recognition and Acceptance of Warranties

The Owner/Developer of this water/wastewater system does hereby recognize and accept the responsibility for correcting any and all system defects that may occur or be found during the operation of the system by the JWSC for a period of two (2) years from the written date of acceptance by the governmental body to which the system is dedicated. This warranty covers materials and workmanship items, as well as those components of the infrastructure damaged by other utilities and/or contractors who may cause damage to the water/wastewater system as herein accepted, excepting such defects caused or resulting from the sole negligence of the JWSC.

Part C: Confirmation of Compliance of Water/Wastewater Documentation

The Owner/Developer of this water/wastewater system does hereby warrant that the Record Drawings and all appropriate utility easements and/or deeds have been provided to the JWSC.

Part D: Fair Value (Cost Basis) of Dedicated System (To be completed by Engineer)

The Fair Value (Cost Basis) of the installed **water system**, which is approximately 10 linear feet as constructed, is estimated to be \$ 7,971.

The Fair Value (Cost Basis) of the installed **sanitary sewer system**, which is approximately 14 linear feet, is estimated to be \$ 990.

The Fair Value (Cost Basis) of the installed **wastewater lift station**, which design capacity is _____ gallons per minute @ _____ feet Total Dynamic Head, is estimated to be \$ _____.

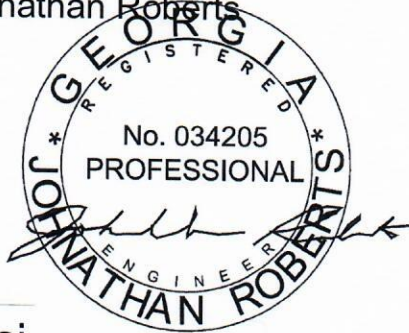
The Fair Value (Cost Basis) of the installed **potable water well**, which design capacity is _____ gallons per minute @ _____ feet Total Dynamic Head, is estimated to be \$ _____.

Engineer's Certification

The information cited in Part "D" of this application is based on my professional evaluation of the costs of materials and installation of the water/wastewater system(s) as constructed in accordance with the approved standards and specifications for this project; and I do hereby certify, to the best of my knowledge and belief, that these amounts as provided are an accurate representation of this systems Fair Value on a Cost Basis as of the date of this Application.

Engineer Printed Name: <u>Johnathan Roberts</u>	Georgia P.E. Registration # : <u>034205</u>
Engineer Signature: _____	Date (mm/dd/yyyy): <u>05/20/2020</u>

(INSERT ENGINEER SEAL)



Part E: Owner/Developer Certi

I/We, Steven Campisi, do hereby certify that all application information herein provided on the aforementioned water/wastewater development project is true and accurate to the best of my/our knowledge and belief.

Printed Name of Grantor (Company, LLC, Inc.): <u>Coastal Club Brunswick, LLC</u>	
Printed Name of Grantor Representative: <u>Steven Campisi</u>	
Title of Grantor: <u>Authorized Person</u>	
Signature of Grantor: _____	Date Signed(mm/dd/yyyy): <u>05/20/2020</u>

Only if this is a Corporation, include name of someone to Attest and insert the Corporate Seal
Otherwise skip to Notary

Printed Name of Attestor: _____	
Title of Attestor: _____	
Signature of Attestor: _____	Date Signed (mm/dd/yyyy): _____

(CORPORATE SEAL HERE)



All Applications must be Notarized

Date signed, sealed and delivered (mm/dd/yyyy): <u>05/20/2020</u>
In the presence of (printed Name of Notary): <u>Kyla Lee</u>
Signature of Notary Public: <u>Kyla Lee</u>
Date Notary Commission Expires (mm/dd/yyyy): <u>01/15/2024</u>

ACCEPTED BY BRUNSWICK GLYNN JOINT WATER & SEWER COMMISSION

Date Accepted (Commission Meeting):	
Printed Name of Chairman:	
Signature of Chairman:	Date Signed (mm/dd/yyyy):



SATELLITE SYSTEM AGREEMENT

THIS AGREEMENT is made this _____ day of _____, 20____ (the "Effective Date") by and between the BRUNSWICK-GLYNN COUNTY JOINT WATER & SEWER COMMISSION, a body corporate and politic created by Local Act of the General Assembly of the State of Georgia (the "JWSC"), and _____, a _____ (also known as "_____").

RECITALS

- a. JWSC owns and operates the water and wastewater system serving customers inside the limits of the City of Brunswick and in the unincorporated portion of Glynn County, Georgia (hereinafter "Unified System")
- b. _____ owns property within the service area of the System, to wit: _____ (Parcel No. _____) and the improvements thereon (collectively, the "Property").
- c. _____ desires to construct and maintain as private _____ (collectively, "the Project").
- d. As a condition of approval of the Project, JWSC requires the execution of this Satellite System Agreement to provide for areas of responsibility, standards of operation, and maintenance of the Project as set forth in this Agreement and Glynn County Ordinance Section 2-16-15.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, JWSC and _____ agrees as follows:

- (1) **Area of Responsibility:** Coastal Club Brunswick, LLC or its successors or assigns in ownership of the Property (the "Property Owner") shall maintain the Project as depicted on Exhibit "A", which exhibit is attached hereto and incorporated herein by reference.
- (2) **Standards of Operation and Maintenance:** The Property Owner shall maintain and operate the Project in good working order and condition and in accordance with the applicable Glynn County and JWSC ordinances and regulations.
- (3) **Quality of Discharge and Quantity of Infiltration and Inflow:** The Property Owner shall maintain the quality and quantity of discharge from the Project in accordance with the applicable Glynn County and JWSC ordinances and regulations. Without limiting the generality of the foregoing sentence, the Property Owner shall maintain the Project in a manner that prevents the discharge of abnormal wastewater, storm water, excessive groundwater infiltration, excessive amounts of sand or other settling solids, cooling water, and other unpolluted wastewater in the System.
- (4) **JWSC Inspections:** The JWSC shall have the right to inspect the Project at all reasonable business hours upon 48 hours prior notice to the Property Owner. Notice for the purposes of coordinating inspection may be given in writing to: Coastal Club Brunswick, LLC, 500 Coastal Club Cir., Brunswick GA, 31520; or, orally to Julie English (864) 350-7154 or to his designated agent.
- (5) **Damages and Attorney's Fees:** Pursuant to Glynn County Ordinance Section 2-16-15 (d), and this Agreement, the parties acknowledge and agree that all damages and costs incurred by the JWSC caused by the inadequate operation or maintenance of the Project, and costs incurred by the JWSC in providing remedial maintenance, repair, engineering and administrative efforts, surveillance and sampling, cleanup equipment, and legal fees and expenses which are directly attributable to the inadequate maintenance and operation of the Project, shall be paid by the Property Owner. Failure to adequately operate and maintain a satellite system, to the satisfaction of the JWSC, will also result in the discontinuance of services.
- (6) **Counterparts:** This Agreement may be executed with any number of counterparts, each of which shall be deemed to be an original, but all of which together shall constitute one and the same agreement.

- (7) **Notices:** Except as provided in Section 4 for routine inspections, all notices, approvals, consents, requests, demands, claims or other communications shall be in writing and shall be given (i) by delivery in person; (ii) by a nationally recognized next day courier service; (iii) by first class, registered, or certified mail, postage prepaid; (iv) by facsimile; or (v) by electronic mail to the address of the party specified on the signature page to this Agreement, or if a successor or assign to the Property Owner, to the address shown on the Glynn County ad valorem tax records for the Property, or such other address as either party may specify in writing in accordance with the terms hereof. All notices shall be effective upon receipt by the party to which notice is given, or on the fifth (5th) day following mailing, whichever occurs first.
- (8) **Assignment:** The parties hereto acknowledge that the Property Owner may desire to sell the Property or portions thereof in the future, and JWSC agrees and acknowledges that the rights and obligations the Property Owner has under this Agreement shall survive any such sale but are freely assignable and transferable to any such transferee.
- (9) **Obligations Imposed by Law:** The parties acknowledge and agree that certain requirements are imposed upon the owner of an existing, or proposed, satellite system by state and local law, specifically including Glynn County Ordinance Section 2-16-15, and the obligations contained therein are hereby incorporated by reference.
- (10) **Term, Termination, and Amendment:** This Agreement shall be effective upon approval by the parties hereto, which acknowledge that this Agreement is required by law to be in effect in order for the Property Owner to operate the Project, or any Satellite System within the meaning of Glynn County Ordinance Section 2-16-15, and that this Agreement is therefore intended to remain in effect for the duration of the operation of the systems associated with the Project. It may be amended upon written notice provided by the JWSC or the mutual consent of the parties, and is subject to termination only with the mutual written consent of the parties.
- (11) **Entire Agreement:** This Agreement constitutes the entire agreement between the parties, and supersedes and terminates any and all understandings, negotiations, representations, agreements or contracts written or oral, entered into between the parties hereto, as of the effective date of this Agreement with reference to all matters covered by this Agreement.
- (12) **Forum Selection and Choice of Law:** The parties agree that any legal proceeding which arises from of this Agreement, or relates to the subject-matter contained therein, shall be brought in State Court or Federal Court located in the County of Glynn, State of Georgia. Property Owner irrevocably consents to the jurisdiction of said Court. This Agreement shall be governed by and construed in accordance with the law of the State of Georgia including, but not limited to the Georgia Statute of Limitations.

- (13) **Independent Obligations:** The Property Owner acknowledges that its obligations hereunder are independent of the obligations of the JWSC, and a breach of this Agreement by any party shall not suspend the obligation of any other party to comply therewith.
- (14) **Miscellaneous:** With the exception of rights expressly conferred herein, nothing expressed or mentioned in or implied herein is intended or shall be construed to give to any person other than the parties hereto, and their successors and assigns, any legal or equitable right, remedy or claim under or in respect hereto. This Agreement and the covenants, conditions and provisions hereof are intended to be used for the sole and exclusive benefits of the parties hereto and their successors and assigns.

IN WITNESS WHEREOF, the parties, intending to be legally bound, have caused this Agreement to be executed as of the Effective Date.

**BRUNSWICK-GLYNN JOINT WATER AND
SEWER COMMISSION**

By: _____

Printed Name: _____

Its: _____

Brunswick - Glynn County Joint Water
& Sewer Commission
1703 Gloucester Street
Brunswick, Georgia 31520
Email: _____

By: _____

Printed Name: Kelly Mahoney

Its: Coastal Club Brunswick, LLC

8830 Macon Hwy
Building 300
Athens, GA 30606
Email: kmahoney@hillpointe.com



Brunswick-Glynn County

Joint Water and Sewer Commission

Memorandum

To: Facilities Committee
From: Andrew Burroughs, Executive Director
Date: Wednesday, September 16, 2020
Re: APPROVAL – IFB No. 21-001 Pump Station 4021 Rehabilitation and Upgrades

Background

The JWSC issued Invitation for bid No. 21-001 Pump Station 4021 Rehabilitation and Upgrades Project No. 904 on Friday, July 24, 2020. This is a reduced scope re-bid of a previous project issued in January of 2020. The scope of this project includes the following: a new pre-cast concrete wet-well top with aluminum access covers, erosion and sedimentation controls, pumping accessories and equipment, discharge piping, valves, and effluent flow meter, installation of a 16 inch PVC force main with associated fittings and appurtenances, and installation of security fencing and related site work.

A mandatory pre-bid teleconference call with optional site visit was held on Wednesday, August 12, 2020 and was attended by thirteen (13) construction firms. Bids were submitted to the JWSC on Tuesday, August 25, 2020, and were received from the following three (3) firms:

<u>Firm</u>	<u>Bid Amount</u>
Southern Civil, LLC	\$447,991.00
Pettitcoat Schmitt Civil Contractors, Inc	\$510,400.00
PopCo, Inc.	\$833,330.00

Staff Report

The amount of \$447,991.00 submitted by Southern Civil, LLC is acceptable to the JWSC staff and in line with the pricing submitted by other proposers for the stated scope of services in relation to this project and the project duration of one-hundred twenty (120) consecutive calendar days. Approved remaining funding for this project is \$238,444.25. Award of this contract would require committing an additional \$209,546.75 to the project. This project is funded from Capital Improvement Funds (uncommitted balance \$1,834,912).

Recommended Action

Staff recommends that the Facilities Committee forward the recommendation for approval to enter into a contract with Southern Civil, LLC for construction services for Pump Station 4021 Rehabilitation and Upgrades Project No. 904 in the amount of \$447,991.00.

Recommended Motion

“I move that the Facilities Committee recommend awarding the contract for Pump Station 4021 Rehabilitation and Upgrades to Southern Civil, LLC in the amount of \$447,991.00”

Enclosures

Detailed Bid Tab



CONSOLIDATED BID TAB -- IFB NO. 21-001 PUMP STATION 4021 REHABILITATION & UPGRADES - JWSC PROJECT NO. 904

Tuesday, August 25, 2020

ITEM 1 - WASTEWATER PUMPING STATION				Southern Civil, LLC.		Petticoat-Schmitt Civil Contractors, Inc.		Popco, Inc.	
Item	Est. Qty.	Units	Description	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
(1a)	1	LS	Mobilization, Demobilization, Insurance & Bonds	\$ 22,000.00	\$ 22,000.00	\$ 24,200.00	\$ 24,200.00	\$ 60,000.00	\$ 60,000.00
(1b)	1	LS	Demolition	\$ 15,000.00	\$ 15,000.00	\$ 13,000.00	\$ 13,000.00	\$ 50,000.00	\$ 50,000.00
(1c)	1	LS	Temporary Bypass Pumping	\$ 36,000.00	\$ 36,000.00	\$ 78,200.00	\$ 78,200.00	\$ 90,000.00	\$ 90,000.00
(1d)	1	LS	Wet-well Cleaning & Coating	\$ 40,000.00	\$ 40,000.00	\$ 39,000.00	\$ 39,000.00	\$ 39,780.00	\$ 39,780.00
(1e)	1	LS	Electrical Misc.	\$ 500.00	\$ 500.00	\$ 14,500.00	\$ 14,500.00	\$ 31,500.00	\$ 31,500.00
(1f)	1	LS	Pumps, Piping, Vaults, Misc. Valves and Appurtenances	\$ 316,091.00	\$ 316,091.00	\$ 315,000.00	\$ 315,000.00	\$ 495,000.00	\$ 495,000.00
SubTotal - Item 1				\$ 429,591.00		\$ 483,900.00		\$ 766,280.00	

ITEM 2 - FORCEMAIN									
Item	Est. Qty.	Units	Description	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
(2a)	1	EA	Connect to SSMH40060220	\$ 2,500.00	\$ 2,500.00	\$ 2,000.00	\$ 2,000.00	\$ 12,500.00	\$ 12,500.00
(2b)	50	LF	16-inch PVC DR18 Class 200	\$ 70.00	\$ 3,500.00	\$ 200.00	\$ 10,000.00	\$ 500.00	\$ 25,000.00
(2c)	1	LS	Fittings (Sewer Safe)	\$ 4,100.00	\$ 4,100.00	\$ 5,000.00	\$ 5,000.00	\$ 11,000.00	\$ 11,000.00
(2d)	1	LS	Coating MH	\$ 3,000.00	\$ 3,000.00	\$ 2,500.00	\$ 2,500.00	\$ 6,500.00	\$ 6,500.00
(2e)	1	LS	Frame & Cover	\$ 1,800.00	\$ 1,800.00	\$ 2,000.00	\$ 2,000.00	\$ 550.00	\$ 550.00
(2f)	1	LS	Hydrostatic Pressure Testing	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 5,000.00	\$ 5,000.00
(2g)	1	LS	Erosion Control and Grassing	\$ 1,500.00	\$ 1,500.00	\$ 3,000.00	\$ 3,000.00	\$ 6,500.00	\$ 6,500.00
SubTotal - Item 2				\$ 18,400.00		\$ 26,500.00		\$ 67,050.00	

TOTAL	\$ 447,991.00	TOTAL	\$ 510,400.00	TOTAL	\$ 833,330.00
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Brunswick-Glynn County

Joint Water and Sewer Commission

Memorandum

To: Facilities Committee
From: Andrew Burroughs, Executive Director
Date: Wednesday, September 16, 2020
Re: APPROVAL – Academy Creek WPCF Rehab Project Contract Award

Background

The JWSC issued a request for statements of qualifications on June 18, 2020. Proposals were received from twelve (12) interested firms. On July 30, 2020, the JWSC issued a Notice of Pre-Qualified Bidders for the Academy Creek WPCF Rehab Project. Five (5) firms were pre-qualified for the project and were requested to provide a bid price for the construction of the rehab project plus five (5) additive alternates.

A pre-bid site visit was held on August 6, 2020 with representatives from all five (5) pre-qualified firms in attendance. After receiving bids, staff has reviewed the pricing on the alternate items and recommends moving forward with the Base Bid, Alternate 1, Alternate 2, Alternate 3, and Alternate 5. Bids were submitted to the JWSC on Wednesday, September 9, 2020, and were received from the following four (4) firms:

<u>Firm</u>	<u>Bid Price (Base & Selected Alternates)</u>
Ruby-Collins, Inc.	\$10,139,000.00
Reeves Young, LLC	\$11,772,000.00
BRW Construction Group, LLC	\$11,834,210.98
PC Construction Company	\$13,431,200.00

Staff Report

The amount of \$10,139,000.00 submitted by Ruby-Collins, Inc. is reasonable and acceptable to the JWSC staff and is in line with the cost estimate prepared by Goodwyn Mills Cawood. The anticipated project duration is five-hundred forty (540) consecutive calendar days and funding for this project will come from SPLOST 5 funds transferred by Glynn County and the City of Brunswick as well as GEFA Loan CW2019008. An attached letter of recommendation and bid tabulation from design engineering firm Goodwyn Mills Cawood is attached.

Funding

<u>Source</u>	<u>Amount</u>	<u>Expenses Project to Date</u>	<u>Encumbrances</u>	<u>Uncommitted</u>
SPLOST 5	\$1,641,306.30	\$650,914.96	\$589,342.31	\$401,049.03
GEFA Loan	\$10,000,000.00	-	-	\$10,000,000.00
Total	\$11,641,306.30	\$650,914.96	\$589,342.31	\$10,401,049.03

Recommended Action

Staff recommends that the Facilities Committee forward the recommendation for approval to enter into a contract with Ruby-Collins, Inc. for construction services for the Academy Creek WPCF Rehab Project – Project No. 906 in the amount of \$10,139,000.00.

Recommended Motion

“I move that the Facilities Committee recommend awarding the contract for the Academy Creek WPCF Rehab Project – Project No. 906 to Ruby-Collins, Inc., in the amount of \$10,139,000.00.”

Enclosures

Goodwyn Mills Cawood Letter of Award Recommendation dated September 9, 2020
Detailed Bid Tab dated September 9, 2020



Goodwyn Mills Cawood

7 East Congress Street
Suite 504
Savannah, GA 31401

T (912) 226-1667

www.gmcnetwork.com

Mr. Andrew Burroughs, P.E.
Executive Director
Brunswick-Glynn County Joint Water & Sewer Commission
1703 Gloucester St.
Brunswick, GA 31520

September 9, 2020

RE: 2019 WPCF REHABILITATION ACADEMY CREEK

Dear Mr. Burroughs,

On September 9, 2020 12:00 p.m., Goodwyn, Mills and Cawood, Inc. (GMC) received four (4) responsive bids for the referenced project. The Certified Bid Tabulation is attached.

Based on GMC's review of the bids, Ruby-Collins, Inc. is the lowest responsible bidder. GMC recommends that Brunswick-Glynn County Joint Water & Sewer Commission award the contract to Ruby-Collins, Inc. in the total amount of **\$ 10,139,000.00**.

A summary of recommended Bid Items to be awarded are as follows:

Base Bid Total:	\$ 8,392,520.00
Alternative 1: Chemical Media Odor Polishing:	\$ 133,300.00
Alternative 2: Fiberglass Reinforced Plastic Density Baffle Curtains:	\$ 199,980.00
Alternative 3: Energy Dissipating Feed Wells	\$ 328,200.00
Alternative 5: Sludge Offloading Equipment	<u>\$ 1,085,000.00</u>
Total Award:	\$10,139,000.00

If you are in agreement with the above recommendation and choose to award the project on this basis, please let us know and we will notify the Contractor to obtain bonds and execute the contract documents. We will then notify GEFA and schedule a pre-construction meeting. If you have any questions, please do not hesitate to contact our office.

Sincerely,

GOODWYN, MILLS & CAWOOD, INC.

James C. Vaughn, Jr, P.E.
Project Manager

Enclosure: Certified Bid Tabulation

BID TABULATION: 2019 WPCF REHABILITATION ACADEMY CREEK				Bidder #1	Bidder #2	Bidder #3	Bidder #4
PROJECT NO.: CSAV190007				BRW	PC Constuction	Reeves-Young	Ruby-Collins
BID OPENING: September 9, 2020							
ITEM #	APPROX. QTY.	UNIT	ITEM DESCRIPTION	TOTAL PRICE AMOUNT DOLLARS/CTS	TOTAL PRICE AMOUNT DOLLARS/CTS	TOTAL PRICE AMOUNT DOLLARS/CTS	TOTAL PRICE AMOUNT DOLLARS/CTS
1	1	LS	Performing all of the 2019 WPCP Rehabilitation – Academy Creek work including, but not limited to, Yard Piping Improvements, Replacement of exiting Influent Bar Screens, Headworks Odor Control and Treatment System, Miscellaneous gate replacement, chemical feed modifications and Plant-wide fiber optic network, electrical system improvements etc. all as described in the specifications	7,366,295.20	8,672,690.00	7,434,450.00	5,945,800.00
2	1	LS	Major Equipment	473,089.80	437,000.00	470,000.00	496,440.00
	1	LS	Mechanical Bar Screen	287,830.00	269,000.00	275,000.00	312,440.00
			Manufacturer	JWC Environmental	JWC Environmental	JWC Environmental	Vulcan
	1	LS	Odor Control Biofilter	185,259.80	168,000.00	195,000.00	184,000.00
			Manufacturer	EcoVerde Technologies	EcoVerde Technologies	Perry Fiberglass	EcoVerde Technologies
3	1	LS	Stormwater Monitoring	49,185.00	38,900.00	10,400.00	16,000.00
	1	LS	Monitoring Site	45,585.00	33,500.00	5,000.00	10,000.00
	12	EA	Sampling Events	3,600.00	5,400.00	5,400.00	6,000.00
4	1	LS	Lump Sum Allowance for Spare Parts	15,000.00	15,000.00	15,000.00	15,000.00
5	1	LS	Lump Sum Allowance for Tertiary Disk Cloth Filter Equipment	1,337,000.00	1,337,000.00	1,337,000.00	1,337,000.00
6	1	LS	Lump-Sum Allowance for instrumentation and SCADA integration associated with the Plant Rehabilitation	446,500.00	446,500.00	446,500.00	446,500.00
7	1	LS	Excavation and Backfill	24,950.00	82,000.00	65,200.00	45,600.00
	100	CY	Hand, Dry	2,700.00	10,000.00	6,000.00	2,000.00
	100	CY	Hand, Wet and Dewatering	3,300.00	15,000.00	10,000.00	4,000.00
	100	CY	Machine, Dry	2,700.00	10,000.00	1,500.00	1,100.00
	100	CY	Machine, Wet & Dewatering	3,250.00	15,000.00	2,700.00	2,500.00
	400	CY	Chrusher Run Stone backfill	13,000.00	32,000.00	45,000.00	36,000.00
8	1	LS	Concrete Work	23,910.00	69,000.00	28,330.00	66,600.00
	10	LF	Class A Concrete (in-place)	19,625.00	60,000.00	20,000.00	65,000.00
	1000	LBS	Reinforcing Steel (in-place)	1,500.00	5,000.00	330.00	1,000.00
	200	SF	Constructed Forms	2,785.00	4,000.00	8,000.00	600.00
9	1	LS	Ductile Iron Pipe in Place (Ceramic Epoxy Lined)	9,210.00	16,000.00	12,400.00	13,000.00
	10	LF	24" DIP	1,860.00	3,000.00	2,500.00	2,400.00
	10	LF	30" DIP	2,390.00	5,000.00	3,400.00	4,000.00
	10	LF	42" DIP	4,960.00	8,000.00	6,500.00	6,600.00
10	1	LS	Ductile Iron Pipe in Place (Ceramic Epoxy Lined)	2,221.00	12,950.00	21,720.00	10,580.00
	0.2	Ton	Bell & Spigot	211.00	1,800.00	1,420.00	560.00
	0.5	Ton	Mechanical Joint	282.00	6,250.00	6,000.00	7,560.00
	0.2	Ton	Flanged	228.00	2,500.00	3,500.00	1,740.00
	12	EA	8" Restrained Joint	1,500.00	2,400.00	10,800.00	720.00
	BASE BID TOTAL			9,747,361.00	11,127,040.00	9,841,000.00	8,392,520.00
	Alternative 1	LS	Chemical Media Odor Polishing	164,850.00	194,000.00	220,000.00	133,300.00
			Manufacturer	Purafil Filtration Group	Purafil Filtration Group	Perry Fiberglass	Purafil Filtration Group
	Alternative 2	LS	Fiberglass Reinforced Plastic Density Baffle Curtains	301,999.98	322,200.00	201,000.00	199,980.00
			Manufacturer	Enduro	Enduro	NEFCO	Enduro
	Alternative 3	LS	Energy Dissipating Feed Wells	421,800.00	478,200.00	360,000.00	328,200.00
			Manufacturer	Westech	Westech	Westech	Westech
	Alternative 4	LS	DAF Building Rehabilitation	2,964,307.00	5,174,000.00	2,470,000.00	4,858,350.00
	Alternative 5	LS	Sludge Offloading Equipment	1,198,200.00	163,200.00	1,150,000.00	1,085,000.00
			Manufacturer	Spirac	Spirac	Spirac	Spirac
Total With Alternates				14,798,517.98	17,458,640.00	14,242,000.00	14,997,350.00

To the best of our knowledge these bids are accurately tabulated and were accepted in accordance with the applicable regulations.



James C. Vaughn, Jr., P.E.



Brunswick-Glynn County

Joint Water and Sewer Commission

Memorandum

To: Facilities Committee
From: Charles A. Dorminy, J.D., LL.M.
Date: Wednesday, September 16, 2020
Re: Approval – Funding of Magnolia Park S/D Water System Improvements

Background:

The City of Brunswick (COB) is constructing roadway and drainage improvements within Magnolia Park S/D. The JWSC has existing water mains within the project area that are qualified for replacement and upgrade. The JWSC entered into an IGA with the COB to cost share for engineering services to design, bid and manage construction. The COB has advertised for construction and received bids. The COB has negotiated pricing with their apparent low bidder resulting in a JWSC total contribution not to exceed \$1.65M plus temporary road patching for a total of \$1,781,261.00.

Additionally, the JWSC and City entered into an IGA for engineering services for the Magnolia Park improvements in April 2018. That IGA provided for a 50/50 split of engineering services costs up to a total of \$117,050.00. The JWSC amount needs to be increased to account for additional construction phase engineering services to include \$30,000.00 of anticipated costs pursuant to the attached Construction Phase Services Proposal dated August 13, 2020.

Staff Report

Staff has reviewed the bid and finds the pricing to be reasonable and acceptable. Since the COB is managing this project, an Intergovernmental Agreement (IGA) has been developed between the COB and JWSC, where the JWSC agrees to a maximum reimbursement amount of \$1,781,261.00 for the water system upgrade (Division II). A copy of the IGA is attached. The IGA provides that the JWSC will bear any costs associated with enforcing its part of the Georgia Asphalt contract, including enforcing liquidated damages provisions for the water project timeline.

Recommended Action

Staff recommends entering into the IGA with the COB for this work.

Recommended Motion

“I make a motion that the Brunswick-Glynn County Joint Water and Sewer Commission Facilities Committee forward to the full commission the Intergovernmental Agreement with the City of Brunswick for JWSC-requested water system improvements associated with the Magnolia Park S/D project with a not to exceed contribution amount of \$1,781,261.00 with a recommendation for approval.”

“I further move that the Brunswick-Glynn County Joint Water and Sewer Commission Facilities Committee forward to the full commission with a recommendation for approval the expenditure of \$30,000 for additional construction phase engineering services in accordance with the Construction Phase Services Proposal dated August 13, 2020.”

Enclosures

Intergovernmental Agreement and Exhibits
Construction Phase Services Proposal dated August 13, 2020.

Todd Kline

From: Kip Goodbread <Kip_Goodbread@emc-eng.com>
Sent: Monday, August 17, 2020 7:53 AM
To: Todd Kline; galberson@cityofbrunswick-ga.gov
Cc: Andrew Burroughs
Subject: RE: Magnolia Park; docs needed for JWSC FAC/BOC

Todd,

Here is the total budget estimate breakdown between JWSC & COB. Yes, to be billed on an hourly basis in accordance with the rate schedule that is current at the time the work is performed.

BGJWSC - \$6000 + 10,200 + 11,000 + 3,500 (field change budget) = \$27,200

COB - \$ 6,000 + 10,200 + 7,500 + \$2,500 (field change budget) = \$26,200

Kip

From: Todd Kline <TKline@bgjwsc.org>
Sent: Friday, August 14, 2020 12:11 PM
To: Kip Goodbread <Kip_Goodbread@emc-eng.com>; galberson@cityofbrunswick-ga.gov
Cc: Andrew Burroughs <ABurroughs@bgjwsc.org>
Subject: RE: Magnolia Park; docs needed for JWSC FAC/BOC

Kip,
Can you provide the total (based on the 12 months to complete the JWSC division) with breakdown between JWSC and City? Those numbers are all budgets to be billed hourly, correct?

Todd

From: Kip Goodbread <Kip_Goodbread@emc-eng.com>
Sent: Thursday, August 13, 2020 5:43 PM
To: Todd Kline <TKline@bgjwsc.org>; galberson@cityofbrunswick-ga.gov
Subject: RE: Magnolia Park; docs needed for JWSC FAC/BOC

Todd / Garrow,

Please review the attached proposal. I have separated cost between COB & JWSC. I have provided estimated monthly charges and relying on your to budget for the estimated project duration.

I will be out of the office tomorrow but you can reach me on my cell phone. If you have time to review this afternoon or tonight and have questions don't hesitate to call my cell phone up to 10pm (it goes silent so I will not hear it ringing).

Thanks,
Kip

From: Todd Kline <TKline@bgjwsc.org>
Sent: Thursday, August 13, 2020 3:16 PM
To: galberson@cityofbrunswick-ga.gov
Cc: Kip Goodbread <Kip_Goodbread@emc-eng.com>
Subject: Magnolia Park; docs needed for JWSC FAC/BOC

Garrow,

I'm hoping to get the Magnolia Park IGA on our Facilities and BOC agendas for approval next week. The agenda has to be sent out to the commissioners tomorrow, by noon. I spoke to Kip earlier today and he is working on the 200k temporary roadway patch exhibit I need to explain those worse case additional funds needed. Kip is also working on the revised construction engineering agreement. Currently working off the existing IGA, all of EMC's work is split 50/50.

I'm going to have to thoroughly explain/justify the additional 200k and need to show any glimmer of hope that it could be less. If you guys are able to secure funding and roll right through the roadway/drainage improvements in series without interruption, some of our temporary patches may not be necessary. This would be ideal to lessen cost.

Could you provide a synopsis of what the City is pursuing for funding, likelihood of obtaining and realistic schedule of funding to allow them to complete the projects in uninterrupted series. Hoping this may help our BOC in their decision on the 200k and to move forward.

Any info you can provide will help!

Todd

BGJWSC COVID-19 Precautionary Efforts:

In cooperation with Federal/State/local recommendations, we will be taking extra precautions to do our part in reducing the likelihood of spreading any illness causing contagion. Until further notice, JWSC staff is being asked to limit person-to-person contact, both in our offices and in the field. Please avoid "cold call" visitations and contact staff in advance to determine if there is an alternate means to accommodate your need. Thanks in advance for your patience and understanding.

Please take a minute to let us know how we are doing, via the Planning & Construction customer survey: <https://www.surveymonkey.com/r/S9VSGSM>



W. Todd Kline, P.E.
Director of Engineering
Planning & Construction Division
Brunswick-Glynn County
Joint Water & Sewer Commission
1703 Gloucester Street
Brunswick, GA 31520
Office: 912.261.7122
Fax: 912.261.7178
Email: tkline@bgjwsc.org



504 Gloucester Street
Brunswick, GA 31520
Phone: (912) 265-7636
Fax: (912) 233-4580
www.emc-eng.com

August 13, 2020

Mayor Cornell Harvey
CITY OF BRUNSWICK
601 Gloucester Street, City Hall
Brunswick, Georgia 31520

**RE: LETTER AGREEMENT FOR CONSTRUCTION PHASE SERVICES FOR
MAGNOLIA PARK SUBDIVISION IMPROVEMENTS
BRUNSWICK, GEORGIA**

Dear Mayor Harvey:

EMC Engineering Services, Inc. (EMC) appreciates the opportunity to present this *Proposal/Agreement* for providing professional services in connection with the referenced *Project*. The *Project* consists of the reconstruction of storm drainage piping, water utility and roadway improvements on the designated streets in Magnolia Park Subdivision. It is our understanding the construction phases will be separated differently between the City of Brunswick and Brunswick-Glynn JWSC. Phase I construction will include roadway, drainage and waterline improvements. The remaining portion of the waterline improvements will be performed separate from the remaining roadway and drainage improvements.

Our *Basic Services* will include construction phase services as further described below.

1. CONSTRUCTION PHASE SERVICES:

- **Conferences and Meetings;** Attend meetings with Contractor, such as pre-construction conference, progress meetings, job conferences and other project-related meetings
- **NPDES Monitoring & Reporting;** EMC will provide weekly inspections of the project BMP's. Noted deficiencies will be reported to the City of Brunswick Engineering Department. Monthly summary reports will be prepared and submitted to the EPD Coastal District Office and the City of Brunswick. NTU readings and sample reports will be provided for up to 2 events.
- **Periodic Construction Observation;** Periodic visits to the site to observe the Contractor's work for general compliance with the Contract documents (*inspections shall be performed an average of once per week, one hour on-site, during the construction contract term*)

COST ESTIMATE BREAKDOWN FOR EACH PHASE OF WORK:

- | | |
|---|-----------------------------|
| ○ COB - Meetings, Pay Reviews, RFI's, etc. | \$500.00 (Monthly / Hourly) |
| ○ JWSC – Meetings, Pay Reviews, RFI's, etc. | \$500.00 (Monthly / Hourly) |
| ○ COB - NPDES Monitoring & Construction Observations | \$850.00 (Monthly / Hourly) |
| ○ JWSC - NPDES Monitoring & Construction Observations | \$850.00 (Monthly / Hourly) |
| ○ COB – Record Drawings | \$7,500.00 (Hourly Budget) |
| ○ JWSC - Record Drawings | \$11,000.00 (Hourly Budget) |
| ○ COB – Plan revisions needed for field changes | \$ Hourly basis |
| ○ JWSC – Plan revisions needed for field changes | \$ Hourly basis |

Note: It is our understanding the proposed duration of this project is 12 months



504 Gloucester Street
Brunswick, GA 31520
Phone: (912) 265-7636
Fax: (912) 233-4580
www.emc-eng.com

We will also furnish such *additional services* as you may request. *Additional services* will be documented by EMC and authorized by the *Client*. *Additional services* will be charged on an hourly rate basis in accordance with the *Hourly Rate Schedule* that is current at the time the work is performed.

ADDITIONAL SERVICES WILL INCLUDE THE FOLLOWING:

- *Geotechnical Investigations*
- *CMT Testing Services*
- *Utility Relocating / Replacements*
- *Engineering Services outside of this scope of work*
- *Surveying services outside of this scope of work*
- *Construction phase services beyond what is called for in basic services*

Reimbursable expenses incurred in connection with all *basic* and *additional services* will be charged on the basis of the actual cost plus 10%. We will bill you monthly for services and *reimbursable expenses*.

REIMBURSABLE EXPENSES WILL INCLUDE THE FOLLOWING:

- *Underground Utility Locator*
- *Record drawings reproduction costs*

Sincerely,

EMC ENGINEERING SERVICES, INC.

By: Kenneth B Goodbread II
Kenneth B. Goodbread II
Brunswick Branch Manager

ACCEPTED this ____ day of _____, 2020

MAYOR AND COMMISSIONERS, CITY OF BRUNSWICK

By: _____
Mayor Cornell Harvey
City of Brunswick

EMC ENGINEERING SERVICES, INC. GENERAL PROVISIONS

EMC Engineering Services, Inc. (EMC) will provide services in accordance with the scope of services and the following General Provisions:

- 1) EMC agrees to furnish professional engineering and surveying services for the project described in this Agreement (Proposal) and the attachments thereto. Acceptance of this Agreement or proposal constitutes agreement to utilize our services at the rates and charges indicated.
 - 2) This agreement envisions that all of the services described herein will be performed by EMC and that there will be no material changes in the work. Should the scope of the project be changed materially, compensation to EMC for professional services shall be subject to renegotiation.
 - 3) Compensation to EMC for services provided shall conform to the prevailing hourly rate schedule in effect at the time the services are performed.
 - 4) Invoices for our services will be submitted monthly and payable within 30 days after date of invoice. Invoices for Basic Services performed under lump sum agreements will be on a percentage completion basis. Past Due invoices are subject to a service charge of 1½% per month. Unless EMC is notified in writing of any disputed charge within thirty (30) days of the invoice date, the client agrees that the invoice is final and not subject to adjustment. Failure to make payments of any invoices over sixty (60) days past due will result in an immediate "Stop Work" action until the account is brought current, or special arrangements are made in writing. Past due accounts are also subject to further collection procedures, including the filing of a mechanics lien against the property.
 - 5) The standard of care for all professional engineering and related services performed or furnished by EMC under this agreement will be the care and skill ordinarily used by members of the subject profession practicing under similar circumstances at the same time and in the same locality. EMC makes no warranties, express or implied, under this Agreement or otherwise, in connection with EMC's services. EMC and its consultants may use or rely upon the design services of others, including, but not limited to, contractors, manufacturers, and suppliers.
 - 6) All design documents prepared or furnished by EMC are instruments of service, and EMC retains an ownership and property interest (including the copyright and the right of reuse) in such documents, whether or not the Project is completed. These documents are not to be used on other projects or extensions of this project except by written agreement and with appropriate compensation to EMC. Any reuse of documents without specific written verification or adaptation by EMC will be at the client's sole risk and without liability or legal exposure to EMC, and the client agrees to indemnify and hold harmless EMC, its officers, principals, employees and sub-consultants against all claims, damages, losses, and expenses, including attorney's fees, arising out of or resulting from such reuse.
 - 7) This agreement may not be transferred or assigned without the written consent of EMC.
 - 8) EMC shall not be responsible for any act or omission of any architect, other consultant, contractor, or subcontractors or the agents or employees of any of them nor the acts or omissions of other persons performing any of the work of the project.
 - 9) To the fullest extent permitted by law, the Owner and EMC (1) waive against each other, and the other's employees, officers, directors, agents, insurers, partners, and consultants, any and all claims for or entitlement to special, incidental, indirect, or consequential damages arising out of, resulting from, or in any way related to the Project, and (2) agree that EMC's total liability to Owner under this Agreement shall be limited to fifty thousand dollars or the total amount of compensation received by EMC, whichever is greater.
 - 10) If EMC and Client become involved in any adverse legal proceedings (whether in a court of law, arbitration, binding mediation or other similar proceeding) for any purposes, then EMC shall be entitled to recover from Client, in addition to all principal and interest amounts due to EMC from Client, all attorneys' fees and expenses, all expert fees, and all other fees and expenses incurred by EMC.
 - 11) For projects involving construction phase engineering services, it is agreed that the professional services of EMC are limited to review and observation of the work of the contractor(s) to ascertain that such work substantially conforms to the design intent and the Contract Documents. It is further agreed that the Client will defend, indemnify and hold harmless EMC against any claim or suit whatsoever, including but not limited to all payments, expenses, or costs incurred, arising from or alleged to have arisen from any error or omission in the plans, specifications or Contract Documents. EMC agrees to be responsible for its own or its employee's negligent acts, errors or omissions in the performance of professional services provided by EMC on the project.
- EMC shall not at any time supervise, direct, or have control over any contractor's work, nor shall EMC have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction selected or used by any contractor, for safety precautions and programs incident to a contractor's work progress, nor any failure of any contractor to comply with laws and regulations applicable to contractor's work.
- EMC neither guarantees the performance of any contractor nor assumes responsibility for any contractor's failure to furnish and perform its work in accordance with the contract between the Owner and such contractor.



504 Gloucester Street
 Brunswick, GA 31520
 Phone: (912) 265-7636
 Fax: (912) 233-4580
www.emc-eng.com

2020 Hourly Rate Schedule

ENGINEERING

Senior Principal Engineer	\$200.00/HR
Principal Engineer	\$180.00/HR
Senior Project Manager	\$175.00/HR
Project Manager	\$140.00/HR
Junior Project Manager	\$135.00/HR
Professional Engineer	\$125.00/HR
Senior Design Engineer	\$115.00/HR
Design Engineer	\$110.00/HR
Junior Design Engineer	\$100.00/HR
Senior Engineer Tech	\$90.00/HR
Engineer Tech	\$85.00/HR
Junior Engineer Tech	\$80.00/HR
Senior Landscape Architect (RLA)	\$150.00/HR
Landscape Architect	\$125.00/HR
Junior Landscape Designer	\$100.00/HR
Geotechnical Engineer	\$135.00/HR
Junior Geotechnical Engineer	\$100.00/HR

SURVEYING

Senior Registered Land Surveyor	\$150.00/HR
Registered Land Surveyor	\$130.00/HR
Land Surveyor	\$110.00/HR
1-Man RLS Surveyor (Field)	\$140.00/HR
1-Man Surveyor (Field)	\$115.00/HR
2-Man Survey Crew	\$140.00/HR
3-Man Survey Crew	\$190.00/HR
UAV Surveyor	\$150.00/HR
Senior Survey Tech	\$85.00/HR
Survey Tech	\$80.00/HR
Junior Survey Tech	\$75.00/HR

CONSTRUCTION PHASE SERVICES

Construction Manager	\$115.00/HR
Senior Construction Inspector	\$85.00/HR
Construction Inspector	\$75.00/HR
Junior Construction Inspector	\$50.00/HR
Senior CMT Field Representative	\$65.00/HR
CMT Field Representative Specialty	\$95.00/HR
CMT Field Representative	\$55.00/HR
Junior CMT Field Representative	\$40.00/HR

ADMINISTRATIVE

Administrative Assistance	\$60.00/HR
---------------------------	------------

Cost Estimate for Magnolia Park
Temporary Roadway Cuts

August 2020

Magnolia Park Temporary Roadway Cut and Patch Estimate					
Item No.	Item Description	Est. Qty.	Unit	Unit Price	Total Price
Tara Lane - Area of full demo					
1	Road Demo	2500	SY	\$ -	\$ 10,000.00
2	6" G.A.B.	2500	SY	\$ 16.00	\$ 40,000.00
3	1.5" Asphalt	2500	SY	\$ 8.25	\$ 20,625.00
Subtotal					\$ 70,625.00
Habersham, Tara, Woodland Way (South), Peachtree Street					
1	6" G.A.B.	372	SY	\$ 65.00	\$ 24,180.00
2	1.5" Asphalt	744	SY	\$ 49.00	\$ 36,456.00
Subtotal					\$ 60,636.00

**INTERGOVERNMENTAL AGREEMENT
BY AND BETWEEN
THE CITY OF BRUNSWICK, GEORGIA
AND
BRUNSWICK-GLYNN JOINT WATER AND SEWER COMMISSION**

This Intergovernmental Agreement (hereinafter referred to as the “Agreement”), is made and entered into as of the ____ day of _____, 2020, by and between the **CITY OF BRUNSWICK, GEORGIA**, a municipal corporation of the State of Georgia, acting by and through its duly elected Board of Commissioners (hereinafter the "City") and **THE BRUNSWICK-GLYNN JOINT WATER AND SEWER COMMISSION**, a body corporate and politic, acting by and through its duly elected Board of Commissioners (hereinafter the “JWSC”).

WITNESSETH:

WHEREAS, the Constitution of the State of Georgia provides, in Article IX, Section III, Paragraph I, subparagraph (a), that any county or municipality of the State of Georgia may contract for any period not exceeding 50 years, with each other or with any other public agency, public corporation, or public authority for the provision of services, or for the joint or separate use of facilities or equipment when such contracts deal with activities, services, or facilities which the contracting parties are authorized by law to undertake or provide; and

WHEREAS, the JWSC is a body corporate and politic created by the General Assembly of the State of Georgia pursuant to an act approved April 19, 2006, (Ga. L. 2006, p. 3661), as amended by: (i) an act of the General Assembly of the State of Georgia approved April 11, 2012 (Ga. L. 2012, p. 5287); and (ii) an act of the General Assembly of the State of Georgia approved March 31, 2016 (Ga. L. 2016, page 3523) (hereinafter collectively referred to as the “Act”), for

the purpose of, inter alia, operating the combined water and sewer systems (“Unified System”) of the City and County; and

WHEREAS, the City and JWSC are desirous to enter into this Agreement to complete the work set forth below; and

WHEREAS, the Magnolia Park neighborhood is located within the City limits north of Brunswick High School between Habersham Street and Altama Avenue, and is a residential neighborhood of approximately 215 houses, a map identifying the Magnolia Park area is attached hereto as Exhibit “A”; and

WHEREAS, potable water service to the residences within the Magnolia Park neighborhood is provided by JWSC;

WHEREAS, the roadways with the neighborhood are in disrepair and in need of reconstruction as well as drainage improvements to alleviate flooding problems and the water supply pipes providing potable water service throughout the neighborhood are aged and in danger of failure and in need of replacement; and

WHEREAS, the City entered a contract with EMC Engineering Services, Inc. (hereinafter the “EMC”) to provide survey and design services for the Magnolia Park Roadway and Utility Improvements (the “Improvements”); and

WHEREAS, the City has obtained bids for construction of the Magnolia Park Roadway and Utility Improvement project including storm drainage, roadway, and water utility improvements as designed by EMC per the City’s procurement guidelines; and

WHEREAS, the City and JWSC have determined that it is to the mutual advantage and benefit of each of the Parties to share the prorated costs of the Improvements as designated in the project summary of quantities (attached as Exhibit B); and

WHEREAS, it is the desire of the signatories hereto to enter into this cost-sharing Agreement for the costs of the improvements pursuant to the 1983 Constitution of the State of Georgia, Article IX, Section II, Paragraph 3.

NOW THEREFORE, in consideration of the mutual covenants contained herein, and for other good and valuable consideration, the Parties hereto agree as follows:

Section 1. Purpose

This Agreement outlines a cost-sharing arrangement between the parties for the purpose of the completion of the Improvements by Georgia Asphalt Producers for the Project.

Section 2. Term

The term of this Agreement shall be from the date last signed by the parties until 60 days following the final review and acceptance of Georgia Asphalt Producers' completed Improvements by the City and JWSC.

Section 3. Responsibilities

The City shall be responsible for managing the contract with Georgia Asphalt Producers and monitoring and directing the performance of Georgia Asphalt Producers' work under such contract. The parties understand and agree that of the Parties to this Agreement; only the City shall enter into a contract with Georgia Asphalt Producers to complete the Improvements. City and JWSC shall be responsible for ensuring that Georgia Asphalt Producers performs and completes the Improvements related to each Parties respective portion of the Project in conformance and consistent with the standards generally recognized as being employed by professionals in the same discipline.

Each Party shall be responsible for contributing the amount of money specified in Section 4, Cost Sharing. Each party shall also be responsible for coordinating information requests from the other party to this agreement in a timely manner. JWSC shall receive duplicate original copies of any and all reports, studies, drawings, plans, data, designs, specifications, calculations, findings, and other documents and materials furnished to City by Georgia Asphalt Producers pertaining to the Improvements (hereinafter referred to "Improvement Documents"). City shall ensure that Georgia Asphalt Producers furnishes JWSC with duplicate original copies of all such Improvement Documents at the same time that they are submitted to City and that the City and JWSC are the owners of the Improvement Documents, which City and JWSC can use and/or reproduce in any manner that they deem appropriate consistent with such ownership. Completion and acceptance of the Improvements and Improvement Documents performed by Georgia Asphalt Producers are subject to the final acceptance and approval of both City and JWSC.

Section 4. Cost Sharing

The Parties hereby agree that the City will pay all costs associated with Division I (Storm Drainage and Roadway Improvements) portion of the contract, and JWSC will pay all costs associated with the Division II (Water Utility Improvements) portion of the contract. A copy of the agreement between the City and Georgia Asphalt Producers is attached hereto as Exhibit "C." Should Georgia Asphalt Producers' total costs for the Improvements be less for whatever reason, City and JWSC's contributions under this Agreement shall be reduced accordingly.

Georgia Asphalt Producers shall invoice the costs directly to the City. Upon receiving a pay application for Division II items from Georgia Asphalt Producers, the City

shall forward the application to the JWSC for the payment of the Division II application. JWSC shall be responsible for verification of all payment quantities, and verification that all items were installed in accordance with JWSC standards and specifications. The payment application shall be revised as necessary, and JWSC shall be responsible for paying the total amount listed on the corrected Division II payment application from Georgia Asphalt Producers. The JWSC shall remit its portion of the application payment directly to City within thirty (30) business days of receipt of a properly certified application from Georgia Asphalt Producers. The City shall pay the full amount of the invoice to Georgia Asphalt Producers once the JWSC's payment has been received and processed. The JWSC shall not unreasonably withhold or delay payment of its portion of the invoice.

Unless otherwise approved and agreed to in writing by both the City and JWSC through an amendment to this Agreement, the total of all costs and expenses for the service agreement, whether due and payable to Georgia Asphalt Producers or to another party or individual, shall not exceed the \$2,547,261.10 referenced above in this Paragraph 4. However, in the event that both the City and JWSC mutually agree in writing to increase the costs of the Improvements beyond the \$2,547,261.10 referenced above, the City and JWSC will bear the excess costs in the same manner and under the same agreement as set forth herein.

The cost sharing percentages between the City and JWSC referenced above have been incorporated into this Agreement as a means of allocating Georgia Asphalt Producers costs for the Improvements between City and JWSC, and are not intended, nor shall they be construed, as an indication or agreement amongst the parties hereto that the physical location of any future work on the Magnolia Park Roadway and Utility Improvements,

and/or the costs thereof, will be based or established on any similar percentage or cost sharing formula.

Section 5. Notices

All notices, consents, waivers, directions, requests or other instruments or communications provided for under this Agreement shall be deemed properly given when delivered personally or sent by registered or certified United States mail, postage prepaid, as follows:

If to City of Brunswick, Georgia:

City of Brunswick, Georgia
Attn: City Manager
City Hall
601 Gloucester Street
Brunswick, Georgia 31520

If to Joint Water & Sewer
Commission:

Brunswick-Glynn Joint Water &
Sewer Commission
Attn: JWSC Executive Director
1703 Gloucester Street
Brunswick, Georgia 31520

Section 6. Entire Agreement

This Agreement, including any attachments or exhibits, constitutes all of the understandings and agreements existing between the JWSC and the City with respect to the subject matter hereof. Furthermore, this Agreement supersedes all prior agreements, negotiations and communications of whatever type, whether written or oral, between the parties hereto with respect to the subject matter hereof.

Section 7. Amendments

This Agreement shall not be amended or modified except by agreement in writing executed by the governing authorities of the JWSC and the City.

Section 8. Governing Law

This Agreement shall be deemed to have been made and shall be construed and enforced in accordance with the laws of the State of Georgia.

Section 9. Severability

Should any phrase, clause, sentence, or paragraph of this Agreement be held invalid or unconstitutional, the remainder of the Agreement shall remain in full force and effect as if such invalid or unconstitutional provision were not contained in the Agreement unless the elimination of such provision detrimentally reduces the consideration that any party is to receive under this Agreement or materially affects the operation of this Agreement.

Section 10. Compliance with Law

The JWSC and the City shall comply with all applicable local, state, and federal statutes, ordinances, rules and regulations.

Section 11. No Consent to Breach

No consent or waiver, express or implied, by any party to this Agreement, to any breach of any covenant, condition or duty of another party shall be construed as a consent to or waiver of any future breach of the same.

Section 12. Counterparts

This Agreement may be executed in several counterparts, each of which shall be an original and all of which shall constitute but one and the same instrument.

Section 13. Mediation

The JWSC and the City agree to submit any controversy arising under this Agreement to mediation for a resolution. The parties to the mediation shall mutually select a neutral party to serve as mediator. Costs of mediation shall be shared equally among the parties to the mediation.

IN WITNESS WHEREOF, Brunswick-Glynn Joint Water and Sewer Commission, and the City of Brunswick, Georgia, have caused this Agreement to be executed in their respective

names and their respective official seals to be hereunto affixed and attested by their duly authorized officials, all as of the date first above written.

CITY OF BRUNSWICK, GEORGIA:

(SEAL)

By: _____
Cornell L. Harvey, Mayor
City of Brunswick

Attest: _____
Naomi Atkinson, City Clerk

**BRUNSWICK-GLYNN JOINT WATER & SEWER
COMMISSION:**

(SEAL)

By: _____
Andrew Burroughs, Executive Director
Brunswick-Glynn Joint Water & Sewer Commission

Attest: _____
Janice Meridith, Executive Commission Admin.

Exhibit "A"



Overview



Legend

 **Parcels**

Yearly Sales

 2015

 2016

 2017

 2018

 2019

Roads

Lakes and Rivers

 <all other values>

 WATER

Date created: 3/23/2020
Last Data Uploaded: 3/21/2020 4:18:48 AM

Developed by  **Schneider**
GEOSPATIAL

EXHIBIT "B"

Summary of Quantities - Magnolia Park

November 2019

Revised January 2020

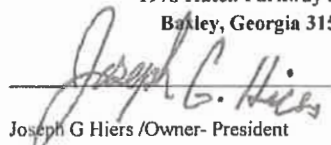
Roadway & Drainage Improvements

Item No.	Item Description	Est. Qty.	Unit	Unit Price	Total Price
Miscellaneous					
1	Mobilization	JOB	LS	\$ 470,000.00	\$ 470,000.00
2	Grading complete	JOB	LS	\$ 390,000.00	\$ 390,000.00
3	Remove and replace unsuitable material	2960	CY	\$ 28.00	\$ 82,880.00
4	Traffic control	JOB	LS	\$ 110,000.00	\$ 110,000.00
Subtotal					\$ 1,052,880.00
Erosion and Sedimentation Control					
1	Temporary construction exit	4	EA	\$ 2,500.00	\$ 10,000.00
2	Construct and remove inlet sediment trap	26	EA	\$ 500.00	\$ 13,000.00
3	Maintenance of inlet sediment trap	26	EA	\$ 500.00	\$ 13,000.00
4	Temporary silt fence - NS	119	LF	\$ 2.00	\$ 238.00
5	Maintenance of temp silt fence - NS	119	LF	\$ 2.00	\$ 238.00
6	Hay bale check dam	6	EA	\$ 100.00	\$ 600.00
7	Hay bale check dam maintenance	6	EA	\$ 100.00	\$ 600.00
8	Temporary grassing	9450	SY	\$ 0.72	\$ 6,804.00
9	Permanent grassing	9450	SY	\$ 0.93	\$ 8,788.50
Subtotal					\$ 53,268.50
Storm Drainage					
1	Storm drain pipe, 18" HDPE	1305	LF	\$ 65.00	\$ 84,825.00
2	Storm drain pipe, 24" HDPE	891	LF	\$ 75.00	\$ 66,825.00
3	Storm drain pipe, 15" RCP	319	LF	\$ 100.00	\$ 31,900.00
4	Storm drain pipe, 18" RCP	962	LF	\$ 100.00	\$ 96,200.00
5	Storm drain pipe, 24" RCP	56	LF	\$ 115.00	\$ 6,440.00
6	Catch basin, Type A	36	EA	\$ 2,500.00	\$ 90,000.00
7	Storm manholes	1	EA	\$ 2,300.00	\$ 2,300.00
8	Flared end section	12	EA	\$ 1,500.00	\$ 18,000.00
9	Stone dumped rip-rap, Type 3, 18 Inch	18	SY	\$ 130.00	\$ 2,340.00
10	Underdrain pipe, Incl drainage aggr 4"	3600	LF	\$ 35.00	\$ 126,000.00
11	Remove existing storm Line	2100	LF	\$ 15.00	\$ 31,500.00
12	Remove existing storm structure	34	EA	\$ 800.00	\$ 27,200.00
13	Clearing	JOB	LS	\$ 50,000.00	\$ 50,000.00
14	Remove and replace improvements	JOB	LS	\$ 415,200.00	\$ 415,200.00
Subtotal					\$ 1,048,730.00
Roadway					
1	Graded aggregate base crs	36755	SY	\$ 20.35	\$ 747,964.25
2	Asphalt Conc 19 MM Superpave (3 Inch)	11060	SY	\$ 16.50	\$ 182,490.00
3	Asphalt Conc 9.5 MM Superpave (1.5 inch)	36755	SY	\$ 8.25	\$ 303,228.75
4	Bituminous tack coat	3675	GAL	\$ 3.00	\$ 11,025.00
5	Adjust tops of existing inlets, manholes, and valve boxes	30	EA	\$ 500.00	\$ 15,000.00
6	Curb and gutter, 18"	20215	LF	\$ 11.00	\$ 222,365.00
7	Curb and gutter, 24"	3641	LF	\$ 12.00	\$ 43,692.00
8	Concrete driveways (6")	2674	SY	\$ 67.50	\$ 180,495.00
9	Concrete sidewalks (4")	340	SY	\$ 40.50	\$ 13,770.00

Subtotal					\$ 1,720,030.00
Signing and Marking					
1	Thermoplastic Solid Traf Stripe, 5" Yellow	1900	LF	\$ 3.25	\$ 6,175.00
2	Thermoplastic Solid Traf Stripe, 8" White	200	LF	\$ 4.25	\$ 850.00
3	Thermoplastic Solid Traf Stripe, 24" White	218	LF	\$ 12.50	\$ 2,725.00
4	Remove and reinstall permanent traffic signs	JOB	LS	\$ 3,000.00	\$ 3,000.00
Subtotal					\$ 12,750.00
Total					\$ 3,887,658.50
Item No.	Item Description	Est. Qty.	Unit	Unit Price	Total Price
Alternate					
1	Full Depth Reclamation of Roadway	JOB	LS	N/A	N/A
WATER SYSTEM IMPROVEMENTS					
Item No.	Item Description	Est. Qty.	Unit	Unit Price	Total Price
Miscellaneous					
1	Mobilization	JOB	LS	\$ 300,000.00	\$ 300,000.00
2	Clearing	JOB	LS	\$ 30,000.00	\$ 30,000.00
3	Grading complete	JOB	LS	\$ 125,000.00	\$ 125,000.00
4	Remove and replace unsuitable material	400	CY	\$ 50.00	\$ 20,000.00
5	Traffic control	JOB	LS	\$ 100,000.00	\$ 100,000.00
Subtotal					\$ 575,000.00
Erosion and Sedimentation Control					
1	Temporary construction exit	3	EA	\$ 2,500.00	\$ 7,500.00
2	Construct and remove inlet sediment trap	18	EA	\$ 500.00	\$ 9,000.00
3	Maintenance of inlet sediment trap	18	EA	\$ 500.00	\$ 9,000.00
4	Temporary silt fence - NS	987	LF	\$ 2.00	\$ 1,974.00
5	Maintenance of temp silt fence - NS	987	LF	\$ 2.00	\$ 1,974.00
6	Temporary grassing	16664	SY	\$ 0.72	\$ 11,998.08
7	Permanent grassing	16664	SY	\$ 0.93	\$ 15,497.52
Subtotal					\$ 56,943.60
Water System					
1	2" PVC watermain	827	LF	\$ 55.00	\$ 45,485.00
2	6" PVC watermain	9552	LF	\$ 90.00	\$ 859,680.00
3	8" PVC watermain	1911	LF	\$ 95.00	\$ 181,545.00
4	2" valve in box	2	EA	\$ 2,500.00	\$ 5,000.00
5	6" valve in box	20	EA	\$ 4,000.00	\$ 80,000.00
6	6" tapping saddle	1	EA	\$ 3,000.00	\$ 3,000.00
7	8" valve in box	4	EA	\$ 5,000.00	\$ 20,000.00
8	8" tapping saddle	4	EA	\$ 3,500.00	\$ 14,000.00
9	6" Fire Hydrant assembly	18	EA	\$ 7,500.00	\$ 135,000.00
10	Remove and relocate fire hydrant	5	EA	\$ 5,000.00	\$ 25,000.00
11	Reconnect existing fire hydrant	4	EA	\$ 2,500.00	\$ 10,000.00
12	1" service lateral - long side	143	EA	\$ 1,200.00	\$ 171,600.00

13	1" service lateral - short side	123	EA	\$ 900.00	\$ 110,700.00
14	Flowable fill for watermain	1033	LF	\$ 10.00	\$ 10,330.00
15	Remove and replace improvements	JOB	LS	\$ 100,000.00	\$ 100,000.00
16	Concrete driveways (6")	2133	SY	\$ 67.50	\$ 143,977.50
Subtotal					\$ 1,915,317.50
Roadway, Drainage & Water System					
Total					\$ 6,434,919.60

Submitted by: Georgia Asphalt Producers, Inc.
1978 Hatch Parkway South
Bakley, Georgia 31513


Joseph G Hiers /Owner- President



January 21st, 2020

EXHIBIT "C"

SECTION 00500

AGREEMENT

THIS AGREEMENT, made this ____ day of _____, 2019, by and between the City of Brunswick, Georgia, hereinafter called "OWNER" and Georgia Asphalt Producers, Inc. doing business as a corporation in the State of Georgia, hereinafter called "CONTRACTOR".

WITNESSETH: That for and in consideration of the payments and agreements hereinafter mentioned:

1. The CONTRACTOR will commence and complete the MAGNOLIA PARK ROADWAY AND UTILITY IMPROVEMENTS and all other incidental work required by the Contract Documents for a complete project hereinafter called the "WORK". The "WORK" shall also include General and Special Conditions and the price included in the items in the CONTRACT and no separate payment will be made for same.
2. The CONTRACTOR will furnish all of the material, supplies, tools, equipment, labor and other services necessary for the preparation, demolition and completion of the WORK.
3. The CONTRACTOR will commence the work required by the CONTRACT DOCUMENTS on the date indicated in the NOTICE TO PROCEED and will complete the project in 548 calendar days unless the contract time is extended as provided in the General Conditions. A liquidated damage penalty will be assessed at a unit rate of \$1,000 per day for each day the work exceeds the allotted time unless a written extension request and justification for delays are submitted to the City and approved in writing by the City a minimum of (30) days prior to the contract deadline.
4. The CONTRACTOR agrees to perform all of the Work described in the CONTRACT DOCUMENTS and comply with the terms therein for the sum of \$ SIX MILLION, FOUR HUNDRED THIRTY FOUR THOUSAND, NINE HUNDRED NINETEEN AND 60/100 dollars

(\$6,434,919.60) or as shown in the Bid Form (00480).

5. The term "CONTRACT DOCUMENTS" means and includes the following:

00100 Advertisement for Bids
00200 Instructions to Bidders
00450 Bid Bond
00480 Bid Form
00500 Agreement
00600 Performance Bond
00610 Payment Bond
00615 E-Verify and Oath
00620 Certificate of City of Brunswick's Attorney
00700 General Conditions

Addenda: No. _____, dated, _____
 No. _____, dated, _____
 No. _____, dated, _____

6. The OWNER will pay to the CONTRACTOR in the manner and at such times as set forth in the General Conditions such amounts as required by the CONTRACT DOCUMENTS. Partial pay estimates shall be in accordance with the Supplementary Conditions.

7. This Agreement shall be binding upon all parties hereto and their respective heirs, executors, administrators, successors, and assigns.

IN WITNESS WHEREOF, the parties hereto have executed, or caused to be executed by their duly authorized officials, this Agreement in five (5) counterparts each of which shall be deemed an original on the date first above written.

CITY OF BRUNSWICK:

BRUNSWICK, GEORGIA

BY: _____

(SEAL)

NAME: Cornell L. Harvey

Title: Mayor

ATTEST:

Name: _____

Title: _____

CONTRACTOR:

BY: _____

NAME: _____

(SEAL)

ADDRESS: _____

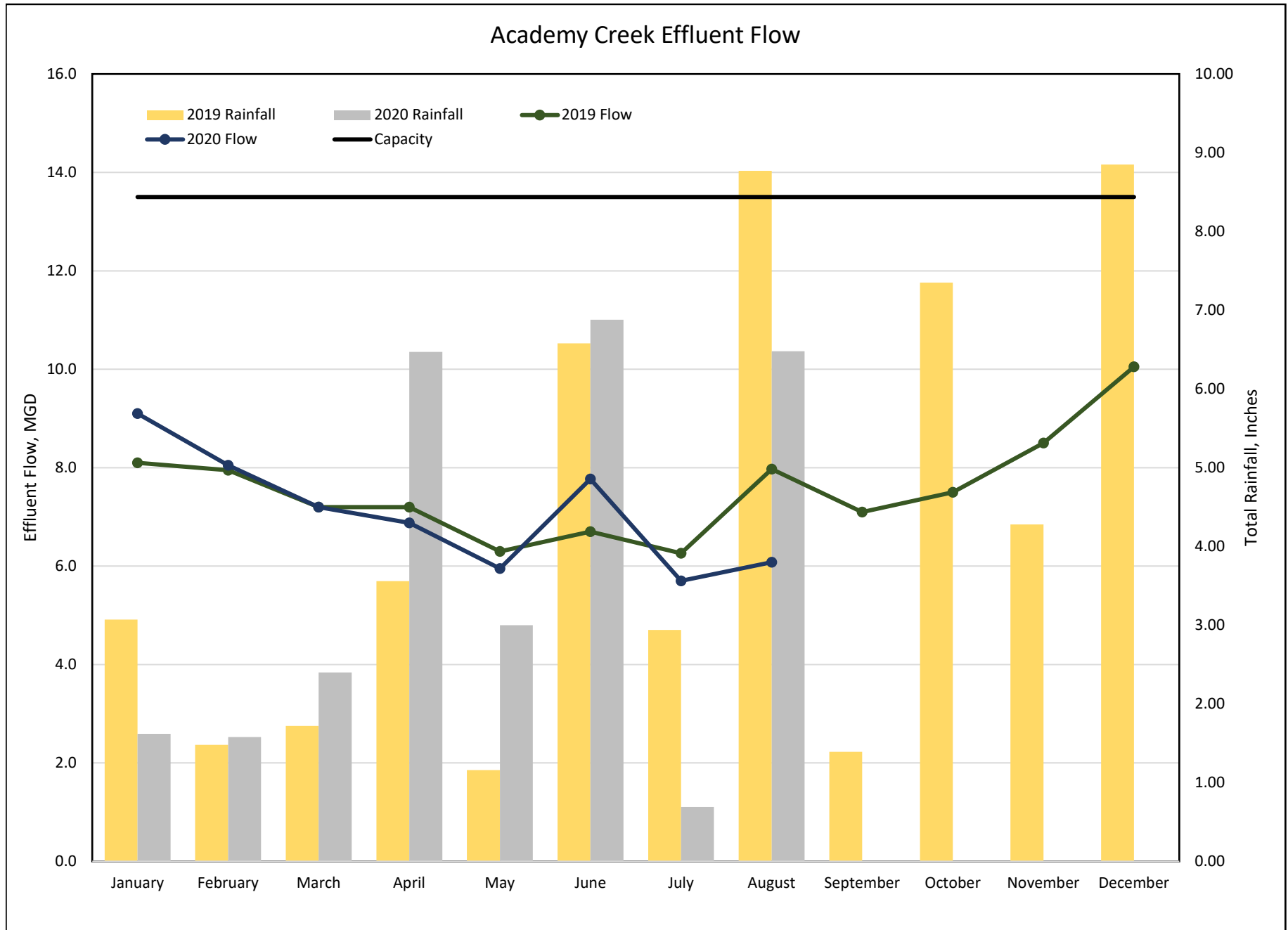
ATTEST:

Name: _____

END OF SECTION

ACADEMY CREEK WWTP	FLOW (MGD)				Influent Concentrations					Effluent Concentrations								Removal Efficiency		Rainfall		Water Meter Monthly	Sludge Tons to Landfill
	INF	PINOVA	EFF	% Cap.	pH s.u.	BOD mg/L	TSS mg/L	NH3 mg/L	Phos mg/L	pH s.u.	D.O. mg/L	BOD mg/L	TSS mg/L	NH3 mg/L	TRC mg/L	Entero. #/100 mL	Phos. mg/L	BOD %	TSS %	Maximum Inches	Total Inches	MGal	
January 2019	7.4	0.7	8.1	60%	7.6	169	193	13.1	8.4	6.8	6.5	11	13	11.6	0.03	24	2.9	93.49%	93.26%	0.90	3.07	0.589	114.16
February 2019	6.8	0.7	8.0	59%	7.6	190	213	18.4	15.2	6.7	6.8	9	12	10.8	0.06	16	8.4	95.26%	94.37%	1.00	1.48	0.653	85.01
March 2019	6.2	0.7	7.2	53%	7.4	258	272	22.0	13.2	6.7	6.2	10	12	8.5	0.04	24	8.8	96.12%	95.59%	0.60	1.72	0.926	68.53
April 2019	6.3	0.7	7.2	53%	7.5	219	231	24.1	15.8	6.9	6.3	9	15	11.2	0.01	23	6.8	95.89%	93.51%	1.83	3.56	0.890	93.13
May 2019	5.7	0.6	6.3	47%	7.5	246	251	31.0	15.0	6.5	5.3	11	9	11.7	0.04	55	10.8	95.53%	96.41%	0.66	1.16	0.900	86.50
June 2019	5.7	0.8	6.7	50%	7.4	251	230	27.2	9.4	6.6	6.0	10	11	10.7	0.10	23	3.7	96.02%	95.22%	1.68	6.58	0.800	100.71
July 2019	5.3	0.8	6.3	46%	7.4	216	237	32.3	12.2	6.6	6.0	7	10	14.9	0.05	29	7.8	96.76%	95.78%	0.88	2.94	0.500	26.74
August 2019	6.7	0.9	8.0	59%	7.3	195	215	37.5	7.8	6.9	5.8	8	11	21.3	0.01	19	6.4	95.90%	94.88%	2.15	8.77	0.951	75.13
September 2019	6.3	0.6	7.1	53%	7.5	175	210	31.9	1.9	6.6	6.0	6	9	17.3	0.10	26	1.2	96.57%	95.71%	0.94	1.39	0.445	81.77
October 2019	6.3	1.0	7.5	56%	7.5	180	177	21.4	5.8	6.5	6.0	9	14	11.6	0.02	66	3.6	95.00%	92.09%	2.80	7.35	0.571	61.88
November 2019	7.6	0.8	8.5	63%	7.4	191	223	17.1	12.2	6.6	5.1	10	16	9.5	0.12	104	5.3	94.76%	92.83%	2.45	4.28	0.610	55.00
December 2019	8.9	0.8	10.1	74%	7.5	182	204	13.6	20.0	6.6	6.6	10	16	7.3	0.04	153	9.6	94.51%	92.16%	4.39	8.85	0.520	44.88
January 2020	8.1	0.7	9.1	67%	7.6	186	195	14.0	7.2	6.6	6.2	10	13	8.6	0.07	11	1.3	94.62%	93.33%	0.75	1.62	0.725	61.04
February 2020	7.1	0.8	8.1	60%	7.6	207	248	19.3	21.6	6.6	6.5	9	11	11.5	0.10	3	6.0	95.65%	95.56%	0.42	1.58	0.666	126.20
March 2020	7.1	0.7	7.2	53%	7.5	188	195	19.8	16.2	6.6	6.4	8	10	8.4	0.03	13	7.2	95.74%	94.87%	1.20	2.40	0.650	43.54
April 2020	7.1	0.8	6.9	51%	7.4	186	223	18.0	8.6	6.5	6.1	9	15	6.1	0.01	8	1.9	95.16%	93.27%	1.60	6.47	0.626	71.62
May 2020	6.1	0.8	6.0	44%	7.6	232	262	18.1	14.2	6.5	6.1	8	15	5.0	0.01	17	4.0	96.55%	94.27%	1.90	3.00	0.417	59.80
June 2020	7.5	0.8	7.8	58%	7.6	212	240	14.8	10.4	6.6	5.9	7	18	5.3	0.05	107	3.9	96.70%	92.50%	3.20	6.88	0.609	61.42
July 2020	5.5	0.7	5.7	42%	7.4	212	200	23.0	7.2	6.6	5.9	9	20	7.6	0.03	78	4.2	95.75%	90.00%	0.57	0.69	0.597	33.78
August 2020	6.0	0.7	6.1	45%	7.4	192	202	20.9	8.0	6.6	6.0	7	11	9.8	0.08	223	3.7	96.35%	94.55%	1.15	6.48	0.518	20.11
September 2020																							
October 2020																							
November 2020																							
December 2020																							
Average	6.7	0.8	7.4	55%	7.5	204.4	221	21.9	11.52	6.6	6.1	8.9	13.1	10.4	0.05	51	5.4	95.62%	94.01%	1.55	4.01	0.658	68.55
Max	8.9	1.0	10.1	74%	7.6	258.0	272	37.5	21.6	6.9	6.8	11.0	20.0	21.3	0.12	223	10.8	96.76%	96.41%	4.39	8.85	0.951	126.20
Min	5.3	0.6	5.7	42%	7.3	169.0	177	13.1	1.90	6.5	5.1	6.0	9.0	5.0	0.01	3	1.2	93.49%	90.00%	0.42	0.69	0.417	20.11
Permit Limits	N/A	N/A	13.5	N/A	N/A	N/A	N/A	N/A	N/A	6.0-9.0	2.0	20.0	30.0	17.4	0.14	30	Report	85.00%	85.00%				

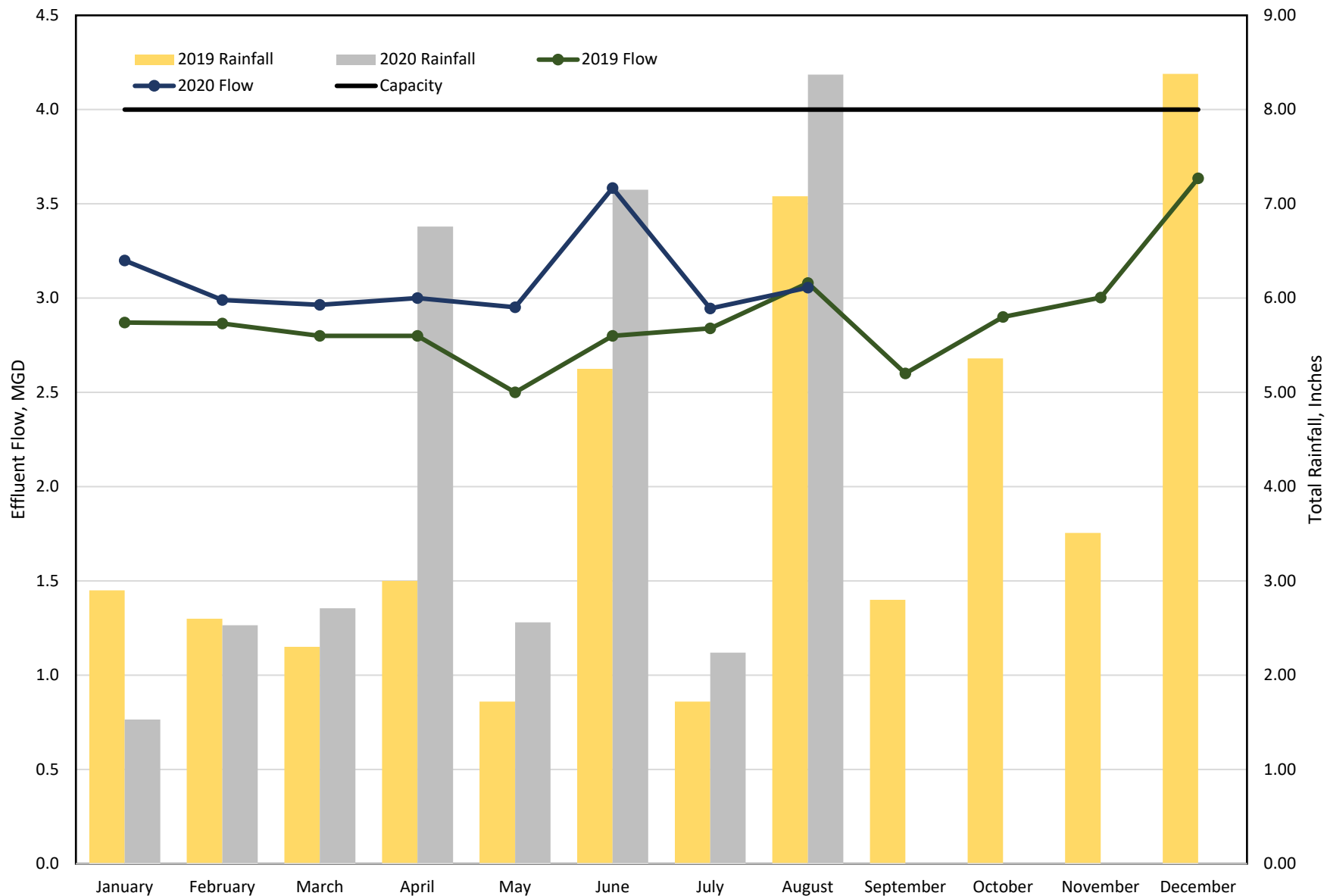
BOD - Biochemical Oxygen Demand
TSS - Total Suspended Solids
NH3 - Ammonia
Phos - Phosphorus
D.O. - Dissolved Oxygen
TRC - Total Residual Chlorine
Fecal - Fecal Coliform Bacteria



DUNBAR CREEK WWTP	FLOW (MGD)			Influent Concentrations					Effluent Concentrations							Removal Efficiency		Rainfall		Water Meter	Sludge
	INF	EFF	% Cap.	pH s.u.	BOD mg/L	TSS mg/L	NH3 mg/L	Phos mg/L	pH s.u.	D.O. mg/L	BOD mg/L	TSS mg/L	NH3 mg/L	Entero. #/100 mL	Phos. mg/L	BOD %	TSS %	Maximum Inches	Total Inches	Monthly M/Gal	Tons to Landfill
Month																					
January 2019	3.8	2.9	72%	7.3	132	142	16.3	2.85	7.6	8.9	2.0	2.0	0.7	22	2.2	98.48%	98.59%	1.50	2.90	0.044	19.62
February 2019	3.5	2.9	72%	7.5	148	161	20.9	2.65	7.5	8.7	2.0	1.8	0.5	11	2.0	98.65%	98.86%	1.00	2.60	0.015	7.41
March 2019	3.2	2.8	70%	7.3	192	195	23.5	3.40	7.5	8.4	1.0	1.8	0.5	5	2.3	99.48%	99.08%	0.60	2.30	0.035	18.11
April 2019	3.5	2.8	70%	7.2	205	230	23.3	3.90	7.5	7.6	2.0	2.3	0.9	5	2.4	99.02%	99.00%	0.90	3.00	0.037	26.76
May 2019	3.4	2.5	63%	7.2	206	237	35.3	5.30	7.5	7.2	2.0	3.1	0.5	3	3.0	99.03%	98.69%	0.98	1.72	0.035	21.03
June 2019	3.7	2.8	70%	7.3	189	267	22.0	4.80	7.5	7.4	2.0	2.5	0.5	5	3.3	98.94%	99.06%	1.62	5.25	0.043	4.52
July 2019	3.6	2.8	71%	7.3	219	274	21.4	4.25	7.3	7.3	3.0	1.6	0.7	5	3.8	98.63%	99.40%	1.04	1.72	0.045	21.36
August 2019	3.9	3.1	77%	6.9	168	193	34.1	4.20	7.3	8.0	3.0	2.3	0.7	26	3.3	98.21%	98.83%	1.91	7.08	0.065	41.48
September 2019	3.2	2.6	65%	6.9	159	245	24.3	2.15	7.1	8.1	3.0	4.0	0.9	33	2.4	98.11%	98.37%	0.90	2.80	0.015	7.16
October 2019	2.7	2.9	73%	6.9	165	188	31.8	3.50	6.9	8.1	2.0	2.2	0.4	20	2.7	98.79%	98.83%	1.93	5.36	0.036	21.06
November 2019	2.9	3.0	75%	6.8	149	155	23.9	3.35	7.0	8.6	2.0	3.0	0.3	3	2.5	98.66%	98.06%	2.32	3.51	0.016	11.19
December 2019	3.4	3.6	91%	7.0	140	164	18.3	3.20	7.3	8.8	2.0	2.5	0.2	11	2.2	98.57%	98.48%	4.01	8.38	0.038	19.03
January 2020	3.0	3.2	80%	7.0	141	150	19.0	2.95	7.2	9.0	2.0	1.7	0.1	3	2.1	98.58%	98.87%	0.62	1.53	0.049	17.92
February 2020	2.8	3.0	75%	7.1	159	202	19.4	3.15	7.3	9.1	2.0	2.0	0.6	3	2.3	98.74%	99.01%	0.98	2.53	0.034	20.70
March 2020	2.7	3.0	74%	7.1	157	179	20.1	3.70	7.3	8.6	2.0	2.0	0.4	2	2.2	98.73%	98.88%	1.07	2.71	0.033	20.28
April 2020	2.8	3.0	75%	7.0	144	165	20.2	3.05	7.0	8.1	1.0	2.0	0.4	2	2.7	99.31%	98.79%	1.41	6.76	0.039	24.42
May 2020	2.6	3.0	74%	7.1	174	209	21.1	4.65	6.9	8.2	2.0	2.0	0.2	1	3.5	98.85%	99.04%	1.24	2.56	0.036	24.00
June 2020	3.3	3.6	90%	7.2	178	186	19.5	3.40	6.5	7.3	1.0	2.0	0.2	3	2.1	99.44%	98.92%	2.71	7.15	0.036	20.67
July 2020	2.6	2.9	74%	7.0	203	209	28.0	5.55	6.9	7.5	4.1	2.0	0.6	1	2.9	97.97%	99.04%	0.79	2.24	0.031	7.24
August 2020	2.8	3.1	76%	7.1	148	194	19.0	3.80	7.0	7.6	3.0	1.0	0.4	4	3.1	97.97%	99.48%	1.71	8.37	0.033	24.82
September 2020																					
October 2020																					
November 2020																					
December 2020																					
Average	3.2	3.0	74%	7.1	168.8	197.3	23.1	3.69	7.2	8.1	2.2	2.2	0.5	8	2.6	98.71%	98.87%	1.5	4.0	0.036	18.94
Max	3.9	3.6	91%	7.5	219.0	274.0	35.3	5.55	7.6	9.1	4.1	4.0	0.9	33	3.8	99.48%	99.48%	4.0	8.4	0.065	41.48
Min	2.6	2.5	63%	6.8	132.0	142.0	16.3	2.15	6.5	7.2	1.0	1.0	0.1	1	2.0	97.97%	98.06%	0.6	1.5	0.015	4.52
Permit Limits	N/A	4.0	N/A	N/A	N/A	N/A	N/A	N/A	6.0-9.0	6.0	5.0	20.0	2.0	35	Report	85.00%	85.00%				

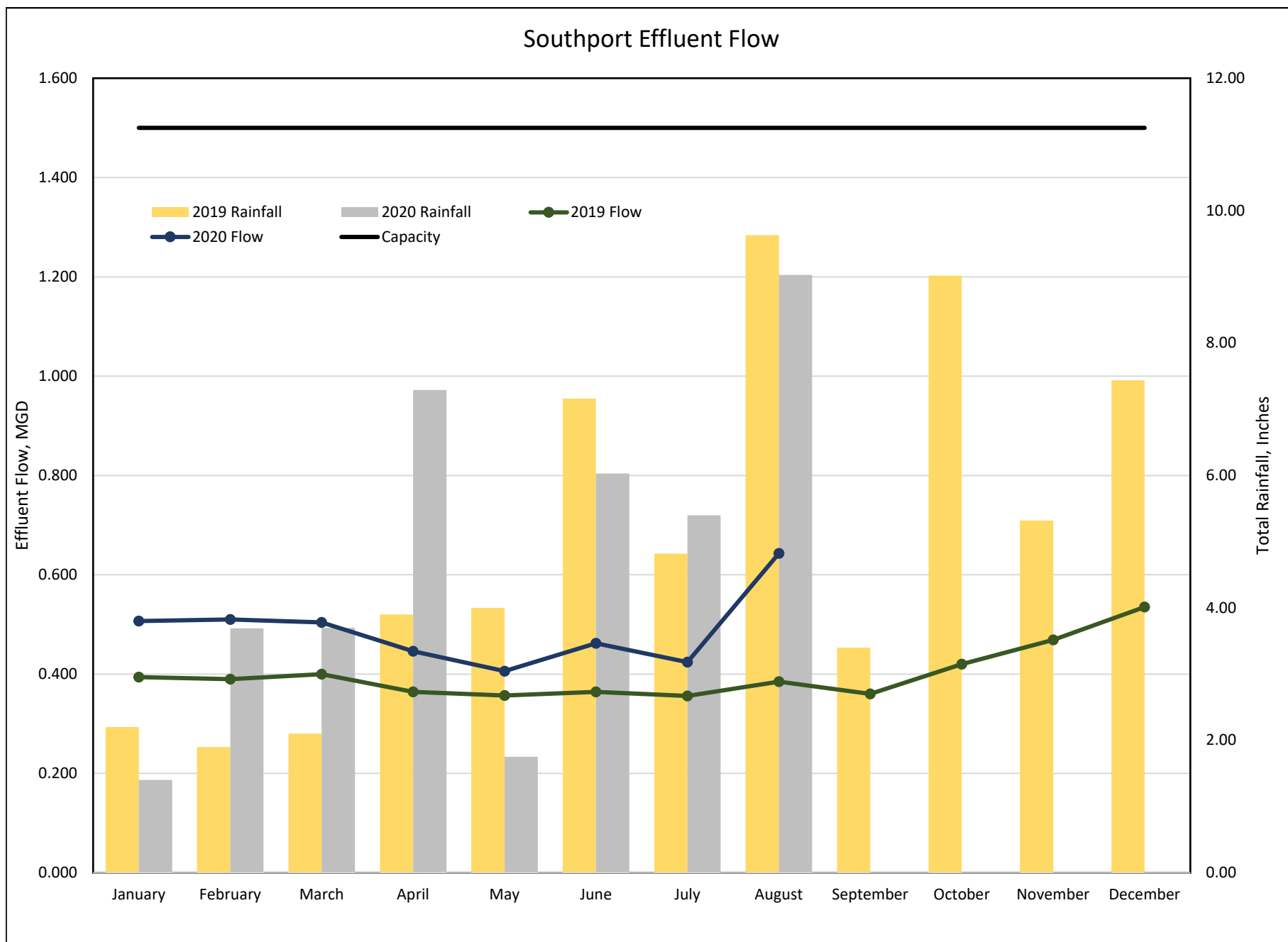
BOD - Biochemical Oxygen Demand
TSS - Total Suspended Solids
NH3 - Ammonia
Phos - Phosphorus
D.O. - Dissolved Oxygen
TRC - Total Residual Chlorine
Entero. - Enterococci Bacteria

Dunbar Creek Effluent Flow



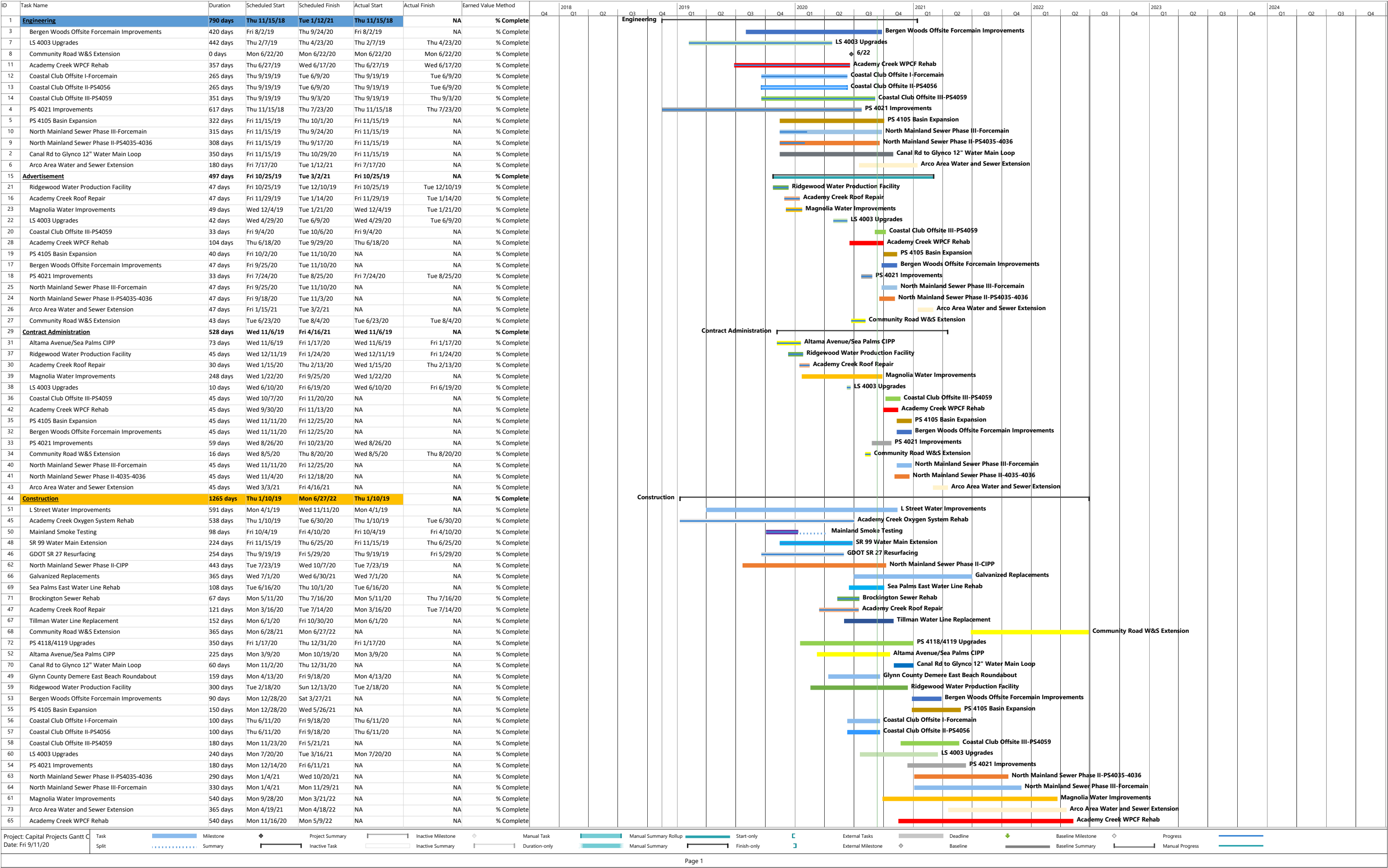
SOUTHPORT WWTP	FLOW (MGD)			Influent Concentrations					Effluent Concentrations							Removal Efficiency		Rainfall		Water Meter Monthly	Sludge Tons to Landfill
	INF	EFF	% Cap.	pH s.u.	BOD mg/L	TSS mg/L	NH3 mg/L	Phos mg/L	pH s.u.	D.O. mg/L	BOD mg/L	TSS mg/L	NH3 mg/L	Fecal #/100 mL	Phos. mg/L	BOD %	TSS %	Maximum Inches	Total Inches		
Month																					
January 2019	0.376	0.394	26%	6.9	128	376	23.3	3.70	7.3	9.0	3.0	3.0	0.6	6	0.1	97.65%	99.20%	1.00	2.20	0.006	3.37
February 2019	0.377	0.390	26%	7.5	111	93	29.8	1.20	7.5	8.9	3.0	4.0	0.5	8	0.5	97.31%	95.70%	0.06	1.90	0.007	6.79
March 2019	0.358	0.400	27%	6.9	111	109	31.7	3.90	7.2	8.9	4.0	4.0	0.5	6	0.1	96.40%	96.33%	0.50	2.10	0.008	6.5
April 2019	0.359	0.364	24%	6.8	113	78	30.8	3.95	7.7	8.3	6.0	2.0	0.8	4	1.0	94.69%	97.44%	0.13	3.90	0.008	5.35
May 2019	0.350	0.357	24%	6.9	121	92	40.2	4.40	7.3	8.0	5.8	4.7	0.6	5	0.7	95.21%	94.89%	1.68	4.00	0.007	3.56
June 2019	0.358	0.364	24%	6.8	98	124	27.9	3.80	7.2	6.6	4.0	5.0	0.3	4	0.7	95.92%	95.97%	1.26	7.16	0.006	5.25
July 2019	0.361	0.356	24%	6.8	110	93	27.0	4.00	7.3	7.9	8.0	5.0	0.6	12	1.1	92.73%	94.62%	1.45	4.82	0.009	4.19
August 2019	0.369	0.385	26%	6.7	117	127	45.0	4.45	7.2	8.4	5.7	7.1	0.7	23	0.8	95.13%	94.41%	2.42	9.63	0.012	1.90
September 2019	0.362	0.360	24%	6.9	96	75	36.3	2.80	7.4	7.8	5.0	3.0	0.6	23	1.4	94.79%	96.00%	1.20	3.40	0.022	3.87
October 2019	0.363	0.420	28%	6.8	103	109	31.8	3.45	7.3	7.6	4.0	2.0	0.4	49	1.4	96.12%	98.17%	2.52	9.02	0.045	3.54
November 2019	0.397	0.469	31%	6.7	108	99	33.2	4.00	6.8	8.1	4.5	4.6	0.4	6	1.0	95.87%	95.35%	4.46	5.32	0.035	9.83
December 2019	0.456	0.535	36%	6.7	94	116	19.1	2.90	6.9	8.3	3.0	7.0	0.7	7	0.4	96.81%	93.97%	3.83	7.44	0.025	5.65
January 2020	0.439	0.507	34%	6.8	120	106	28.5	4.00	6.8	8.1	3.0	9.0	0.2	12	0.3	97.50%	91.51%	0.72	1.40	0.027	6.60
February 2020	0.413	0.510	34%	6.8	112	130	24.0	2.95	7.0	8.0	3.0	8.0	1.7	21	0.2	97.32%	93.85%	1.16	3.69	0.012	3.73
March 2020	0.408	0.504	34%	6.8	111	119	24.5	2.65	7.5	6.9	3.7	7.0	0.4	3	0.2	96.67%	94.12%	2.01	3.70	0.079	6.15
April 2020	0.402	0.446	30%	6.6	137	189	23.3	3.60	6.9	8.1	4.9	6.6	0.3	2	0.1	96.42%	96.51%	1.96	7.29	0.014	0.00
May 2020	0.384	0.406	27%	6.8	133	136	22.7	4.40	7.4	7.7	5.0	4.0	0.4	6	0.4	96.24%	97.06%	1.16	1.75	0.022	13.03
June 2020	0.415	0.462	31%	6.7	147	185	21.8	4.50	7.2	7.2	6.0	4.0	0.3	21	0.5	95.92%	97.84%	2.16	6.03	0.065	0.00
July 2020	0.395	0.424	28%	6.6	179	224	23.9	4.90	7.3	7.0	8.0	3.0	0.4	28	0.2	95.53%	98.66%	2.80	5.40	0.008	3.55
August 2020	0.624	0.643	43%	6.7	85	138	13.8	5.45	7.3	7.3	6.0	4.0	0.2	32	0.2	92.94%	97.10%	3.75	9.03	0.056	6.92
September 2020																					
October 2020																					
November 2020																					
December 2020																					
Average	0.398	0.435	29%	6.8	116.7	135.9	27.9	3.75	7.2	7.9	4.8	4.9	0.5	14	0.6	95.86%	95.93%	1.8	5.0	0.024	4.99
Max	0.624	0.643	43%	7.5	179.0	375.7	45.0	5.45	7.7	9.0	8.0	9.0	1.7	49	1.4	97.65%	99.20%	4.5	9.6	0.079	13.03
Min	0.350	0.356	24%	6.6	85.0	75.0	13.8	1.20	6.8	6.6	3.0	2.0	0.2	2	0.1	92.73%	91.51%	0.1	1.4	0.006	0.00
Permit Limits	N/A	1.500	N/A	N/A	N/A	N/A	N/A	N/A	6.0-9.0	5.0	30.0	30.0	13.0	200	Report	85.00%	85.00%				

BOD - Biochemical Oxygen Demand
TSS - Total Suspended Solids
NH3 - Ammonia
Phos - Phosphorus
D.O. - Dissolved Oxygen
TRC - Total Residual Chlorine
Fecal - Fecal Coliform Bacteria



								BOC APPROVED FUNDING & SOURCE				COMMITTED			BUDGET VS. EXPENDITURES							BALANCE		Status
Proj #	Project Name	Projected Completion Date	Original Project Estimate	Project Manager	Concept Design	Detail Design	Construction	R&R Reserve	CIF Reserve	SPLOST	Total Approved Funds	Purchase Orders Issued	BOC Approved Change Orders	Total PO+CO	Expenditures Paid to PO's	Remaining Encumbrances	Expenditures Misc.	Total Expenditures	mitted Budget (Approved-Expended)					
417	Ridgewood Water Production Facility	Dec 2020	\$1,000,000	Kline/Vo	JWSC	Richardson, Garreston & Associates / EMC Engineering	Southern Civil, LLC	\$1,650,000	\$0	\$0	\$1,650,000	\$1,505,898	\$4000	\$1,509,898	\$768,938	\$740,960	\$65,943	\$1,575,841	\$74,159	4%	Construction Progress meeting held 08/26/2020. Well pump rebuild in progress, Pump building walls up, and construction activities ongoing.			
702	North Mainland Sewer Improvements (NMSI)	Sept 2021	\$14,900,000	Kline/Vo	JWSC	Thomas & Hutton	(multiple)	\$0	\$3,200,000	\$11,700,000	\$14,900,000	\$7,179,398	\$338,214	\$7,517,612	\$6,129,828	\$1,318,623	\$0	\$7,448,451	\$7,451,549	50%	Design Funds Appropriated and divided into three subprojects			
	NMSI PHII Gravity Sewer Rehab CIPP	Sept 2020		Kline/Vo	JWSC	Thomas & Hutton	IPR Southeast			\$2,550,519											Construction progress meeting held 08/25/2020. Contractor manhole rehab sub final restoration activities on-going. LD notification letters submitted monthly. Contractor providing plan to complete MH invert rehab and testing.			
	NMSI - PHII PS4035 & 4036 Upgrade	Oct 2021		Kline/Vo	JWSC	Thomas & Hutton/Fou r Waters Engineering, Inc.	TBD														Rebid-Ready Package comments meeting held with EOR 08/25/2020. EOR to address comments and resubmit package for advertisement.			
	NMSI - PHIII Force Main Reroute	Nov 2021		Kline/Vo	JWSC	Thomas & Hutton/Fou r Waters Engineering, Inc.	TBD														Engineering redesign of forcemain/gravity connection on Ogden Dr. and incorporating open cut options throughout. Plans forwarded to County for R/W approval. Construction advertise by August 28th.			
703	Lift Station 4003 Upgrades	Mar 2021	\$3,300,000	Kline/Patel/Vo	JWSC	Hussey Gay Bell	Petticoat-Schmitt Civil Contractors, Inc	\$0	\$0	\$3,300,000	\$3,300,000	\$2,299,789	\$0	\$2,299,789	\$187,575	\$2,112,214	\$3,589	\$2,303,378	\$996,622	30%	Lead Removal Complete. Underground power installtation in progress. Electrical and VFD submittals under review. Shoring plan submitted. By-pass installation 9/14			
704	Canal Road to Glyngo 12-inch Watermain Loop	Oct 2020	\$1,200,000	Kline/Patel/Vo	JWSC	JWSC	JWSC	\$0	\$1,200,000	\$0	\$1,200,000	\$57,538	\$36,000	\$93,538	\$66,538	\$27,000	\$0	\$93,538	\$1,106,462	92%	Final Survey received 05/29/2020. JWSC in-house staff drafting options for WM route with operations staff. Water Distribution desired routing under review.			
801	FEMA Hazard Mitigation-Academy Creek	TBD	\$3,188,000	Burroughs	Haggerty	TBD	TBD	\$3,188,000	\$0	\$0	\$3,188,000	\$37,233	\$0	\$37,233	\$31,408	\$0	\$165,059	\$196,467	\$2,991,533	94%	Working with electrical engineer to review and update prepared bid specifications.			
804	Magnolia Water Improvements (City of Brunswick)	Feb 2022	\$1,150,000	Kline/Vo	JWSC	City of BWK / EMC Engineering Services	Georgia Aphalt Producers	\$1,700,000	\$0	\$0	\$1,700,000	\$117,050	\$0	\$117,050	\$56,889	\$60,161	\$0	\$117,050	\$1,582,950	93%	City Project/Contract. IGA presentation to FAC/BOC. City working to secure funding to complete all phases, which would reduce JWSC temporary road repair costs. Waiting for City to issue NTP to contractor.			
805	L Street Water Improvements (City of Brunswick)	Nov 2020	\$650,000	Kline/Vo	JWSC	City of BWK / EMC Engineering Services	Georgia Aphalt Producers	\$787,334	\$0	\$0	\$787,334	\$759,884	\$6,226	\$766,110	\$512,222	\$253,889	\$0	\$766,111	\$21,223	3%	City Project/Contract. Construction Progress meeting held 09/08/2020. Phase 2 Construction activities on-going and anticipated to be completed by end of September. Final completion November 2020.			
904	PS4021 Rehabilitation & Upgrade	Jun 2021	\$275,000	Kline/Patel	JWSC	JWSC	TBD	\$0	\$275,000	\$0	\$275,000	\$44,567.00	\$0	\$44,567	\$10,971	\$25,585	\$0	\$36,556	\$238,444	87%	Three Bids recieved and apparent low bidder is Southern Civil, LLC for the amount of \$447,991.00 08/25/2020. Presentation to FAC/BOC.			
906	Water Pollution Rehab-Academy & Dunbar	Apr 2022	\$15,000,000	Burroughs	JWSC	GMC	TBD	\$0	\$0	\$1,480,647	\$16,641,306	\$1,190,150	\$0	\$1,190,150	\$600,808	\$589,342	\$50,107	\$1,240,257	\$15,401,049	93%	Bids received 9/9/20. Apparent low bidder is Ruby-Collins, Inc.			
2001	PS4105 Basin Expansion/Forcemain reroute & CIPP*	Apr 2021	\$1,485,000	Kline/Vo	JWSC	Roberts Civil Engineering	TBD	\$1,000,000	\$485,000	\$0	\$1,485,000	\$81,800	\$0	\$81,800	\$32,750.00	\$49,050.00	\$0	\$81,800	\$1,403,200	94%	60% design review completed and returned to EOR. RR crossing options under evaluation. Basin 4036 gravity main CIPP evaluation in progress.			

Proj #	Project Name	Projected Completion Date	Original Project Estimate	Project Manager	Concept Design	Detail Design	Construction	BOC APPROVED FUNDING & SOURCE				COMMITTED			BUDGET VS. EXPENDITURES				BALANCE		Status
								R&R Reserve	CIF Reserve	SPLOST	Total Approved Funds	Purchase Orders Issued	BOC Approved Change Orders	Total PO+CO	Expenditures Paid to PO's	Remaining Encumbrances	Expenditures Misc.	Total Expenditures	mitted Budget (Approved-Expended)		
2002	Altama Avenue CIPP	Oct 2020	\$625,000	Kline/Vo	JWSC	JWSC	IPR Southeast	\$625,000	\$0	\$0	\$625,000	\$349,440	\$0	\$349,440	\$0	\$349,440	\$0	\$349,440	\$275,560	44%	LD notification letter submitted to the Contractor 08/24/2020. Construction progress meeting held 09/08/2020. Construction activities are ongoing.
2003	Sea Palms CIPP	Oct 2020	\$561,795	Kline/Vo	JWSC	JWSC	IPR Southeast	\$0	\$0	\$561,795	\$561,795	\$250,497	\$0	\$250,497	\$121,717	\$128,780	\$488	\$250,985	\$310,810	55%	LD notification letter submitted to the Contractor 08/24/2020. Construction progress meeting held 09/08/2020. Construction activities ongoing.
2005	Coastal Club Apts. Offsite PS & FM Improvements*	Aug 2020/ April 2021	\$228,000	Kline/Vo	JWSC	Roberts Civil Engineering	Woodard Construction / Pending	\$0	\$228,000	\$0	\$228,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$228,000	100%	PS4059 advertised 08/02/2020, Prebid 09/18/2020, and anticipated Bid Open 10/06/2020.
2007	Bergen Woods Offsite Forcemain Improvements*	Mar 2021	\$220,000	Kline/Patel/Vo	JWSC	Roberts Civil Engineering	TBD	\$0	\$220,000	\$0	\$220,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$220,000	100%	Pending Developer to secure HUD financing and address the required modifications on the adjacent GA State Patrol and GDOT properties prior to project advertisement.
2008	Demere East Beach Roundabout W&S Improvements (Glynn County)	Oct 2020	\$100,000	Kline/Patel/Vo	JWSC	Glynn County/EM C Engineering Services	Riverstone Construction , LLC	\$118,020	\$0	\$0	\$118,020	\$118,020	\$0	\$118,020	\$0	\$118,020	\$0	\$118,020	\$0	0%	County Project/Contract. Construction Progress meeting held 08/12/2020. Water & Sewer installation completed 08/14/2020. Paving construction activities on-going. Anticipated completion by 09/18/2020.
2009	Sea Palms East Water Line Rehab	TBD	\$178,595	Simmons	JWSC	JWSC	JWSC	\$0	\$0	\$178,595	\$178,595	\$3,089	\$0	\$3,089	\$2,877.00	\$212	\$1,156	\$4,245	\$174,350	98%	WL upgrades placed for interior main road crossings in advance of Glynn County paving project completed 07/01/2020. Frederica connections at the entrances of Palm and Windward yet to be completed.
2010	Oak Grove Forcemain and PS4132 Imp	TBD	TBD	Kline/Patel/Vo	Roberts Civil Engineerin g	Roberts Civil Engineering	TBD	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0%	Waiting on EOR to submit 30% design package for review.. Applicant's re-zoning application under Glynn County review.
2016	Arco Area Water and Sewer Extension	Feb 2022	\$300,000	Patel	JWSC	Thomas & Hutton	TBD	\$0	\$300,000	\$0	\$300,000	\$388,340	\$0	\$388,340	\$0	\$388,340	\$0	\$388,340	\$ (88,340)	-29%	Staff reviewed PER submitted by T&H. Focus on options to route sewers in alleys to avoid distruptions to Norwich Street. Major trunk line along 6th Street being considered.
2018	Meter Replacements	TBD	\$250,000	Kalem				\$250,000	\$0	\$0	\$250,000	\$314	\$0	\$314	\$314	\$0	\$0	\$314	\$249,686	100%	250 Pilot Project Meters installed and working.
2021	Galvanized Replacements	TBD	\$250,000	Simmons	JWSC	JWSC	JWSC	\$250,000	\$0	\$0	\$250,000	\$5,579	\$0	\$5,579	\$5,579	\$0	\$4,913	\$10,492	\$239,508	96%	Water distribution finishing Riverview Subdivision. Approximately 60% complete with this particular subdivision galvanized replacement.
2022	PS4118/4119 Upgrades	Dec 2020	\$200,000	Young	JWSC	JWSC	JWSC	\$200,000	\$0	\$0	\$200,000	\$150,101	\$0	\$150,101	\$72,396	\$77,705	\$0	\$150,101	\$49,899	25%	Interior piping replacements underway at PS 4119.
2024	Master Plan Update	Mar 2021	\$247,500	Burroughs	JWSC	Four Waters Engineering, Inc.	N/A	\$247,500	\$0	\$0	\$247,500	\$247,500	\$0	\$247,500	\$57,620	\$189,880	\$0	\$247,500	\$0	0%	Project update meetings scheduled 9/16/20 and 9/23/20 to discuss finalized flow and population projections and condition assessment results.
2026	Tillman Water Line Replacement	Oct 2020	\$80,000	Simmons	JWSC	JWSC	JWSC	\$80,000	\$0	\$0	\$80,000	\$16,177	\$0	\$16,177	\$16,177	\$0	\$48	\$16,225	\$63,775	80%	Project being prioritized by Water Distribution. Parts on hand to complete the project.



Capital Projects Earned Value Analysis
Financial Data as of 09/11/2020

Proj #	Project Name	Project Manager	Concept Design	Detail Design	Construction	BAC	PV	EV	AC	SV	CV	ETC	EAC	VAC	SPI	CPI	TCPI
417	Ridgewood Water Production Facility	Vo	JWSC	RGA	Southern Civil, LLC	\$ 1,650,000.00	\$ 1,111,207.08	\$ 835,406.10	\$ 836,897.29	\$ (275,800.98)	\$ (1,491.19)	\$ 816,047.94	\$ 1,652,945.23	\$ (2,945.23)	0.75	1.00	1.00
702	North Mainland Sewer Improvements (NMSI)	Kline	JWSC	T&H	(multiple)	\$ 14,900,000.00	\$ 12,298,865.34	\$ 6,424,179.14	\$ 6,405,286.95	\$ (5,874,686.20)	\$ 18,892.19	\$ 8,450,895.21	\$ 14,856,182.16	\$ 43,817.84	0.52	1.00	1.00
703	PS 4003 Decommission and Gravity Sewer	Patel	JWSC	HGB	Pettitcoat-Schmidt Civil Contractors	\$ 3,300,000.00	\$ 794,349.07	\$ 182,196.00	\$ 193,496.83	\$ (3,123,468.40)	\$ (11,300.83)	\$ 3,311,187.90	\$ 3,504,684.73	\$ (204,684.73)	0.23	0.94	1.00
704	Canal Road to Glynco 12" Watermain Loop	Vo	JWSC	T&H	TBD	\$ 1,200,000.00	\$ 93,538.00	\$ 74,637.98	\$ 66,537.98	\$ (3,123,467.40)	\$ 8,100.00	\$ 1,003,233.42	\$ 1,069,771.40	\$ 130,228.60	0.80	1.12	0.99
801	FEMA Hazard Mitigation-Academy Creek	Burroughs	Haggerty	TBD	TBD	\$ 3,188,000.00	\$ 1,753,400.00	\$ 318,800.00	\$ 196,467.04	\$ (1,212,968.49)	\$ 122,332.96	\$ 1,768,203.36	\$ 1,964,670.40	\$ 1,223,329.60	0.18	1.62	0.96
804	Magnolia Water Improvements (City of Brunswick)	Kline/Vo	JWSC	City / EMC	Georgia Asphalt Producers	\$ 1,700,000.00	\$ 1,700,000.00	\$ 73,390.35	\$ 56,888.75	\$ (1,626,609.65)	\$ 16,501.60	\$ 1,260,871.35	\$ 1,317,760.10	\$ 382,239.90	0.04	1.29	0.99
805	L Street Water Improvements (City of Brunswick)	Kline/Vo	JWSC	City / EMC	Georgia Asphalt Producers	\$ 787,334.00	\$ 766,110.38	\$ 655,293.39	\$ 630,894.56	\$ (110,816.99)	\$ 24,398.83	\$ 127,124.28	\$ 758,018.84	\$ 29,315.16	0.86	1.04	0.84
904	PS 4021 Rehabilitation & Upgrade	Patel	JWSC	JWSC	Southern Civil, LLC	\$ 275,000.00	\$ 275,000.00	\$ 86,212.50	\$ 10,970.83	\$ (188,787.50)	\$ 75,241.67	\$ 24,023.84	\$ 34,994.67	\$ 240,005.33	0.31	7.86	0.72
906	Water Pollution Rehab-Academy & Dunbar	Burroughs	JWSC	GMC	Ruby-Collins, LLC	\$ 11,641,306.00	\$ 713,375.33	\$ 652,204.80	\$ 650,914.96	\$ (61,170.53)	\$ 1,289.84	\$ 10,967,368.48	\$ 11,618,283.44	\$ 23,022.56	0.91	1.00	1.00
2001	PS 4105 Basin Expansion	Kline	JWSC	Roberts Civil Engineering	TBD	\$ 1,485,000.00	\$ 1,485,000.00	\$ 32,720.00	\$ 32,750.00	\$ (1,452,280.00)	\$ (30.00)	\$ 1,453,611.55	\$ 1,486,361.55	\$ (1,361.55)	0.02	1.00	1.00
2002	Altama Avenue CIPP	Vo	JWSC	JWSC	IPR Southeast	\$ 625,000.00	\$ 625,000.00	\$ 62,500.00	\$ 40,372.85	\$ (562,500.00)	\$ 22,127.15	\$ 363,355.65	\$ 403,728.50	\$ 221,271.50	0.10	1.55	0.96
2003	Sea Palms CIPP	Vo	JWSC	JWSC	IPR Southeast	\$ 561,795.00	\$ 561,795.00	\$ 366,388.04	\$ 122,205.25	\$ (195,406.96)	\$ 244,182.79	\$ 65,176.13	\$ 187,381.38	\$ 374,413.62	0.65	3.00	0.44
2006	Academy Creek Roof Repair (Project Complete)	Young/Vo	JWSC	JWSC	Roofing Professionals, Inc.	\$ 300,000.00	\$ 300,000.00	\$ 300,000.00	\$ 256,160.00	\$ -	\$ 43,840.00	\$ -	\$ 256,160.00	\$ 43,840.00	1.00	1.17	0.00
2009	Sea Palms East Water Line Rehab	Simmons	JWSC	N/A	TBD	\$ 178,595.00	\$ 35,326.48	\$ 29,468.18	\$ 4,033.07	\$ (5,858.31)	\$ 25,435.11	\$ 20,409.78	\$ 24,442.85	\$ 154,152.15	0.83	7.31	0.85
2018	Meter Replacements	Roberts	JWSC	N/A	Delta Municipal Supply	\$ 250,000.00	\$ 98,360.66	\$ 237,500.00	\$ 314.00	\$ 139,139.34	\$ 237,186.00	\$ 16.53	\$ 330.53	\$ 249,669.47	2.41	756.37	0.05
2019	Brockinton Subdivision Gravity Rehab (Project Complete)	Young	JWSC	N/A	Gulf Coast Underground	\$ 275,000.00	\$ 275,000.00	\$ 275,000.00	\$ 103,886.08	\$ -	\$ 171,113.92	\$ -	\$ 103,886.08	\$ 171,113.92	1.00	2.65	0.00
2021	Galvanized Replacements	Simmons	JWSC	N/A	JWSC	\$ 250,000.00	\$ 99,794.24	\$ 30,833.33	\$ 10,491.90	\$ (68,960.91)	\$ 20,341.43	\$ 74,577.56	\$ 85,069.46	\$ 164,930.54	0.31	2.94	0.92
2022	PS 4118/4119 Upgrades	Young	JWSC	N/A	JWSC	\$ 200,000.00	\$ 161,666.67	\$ 50,000.00	\$ 72,396.00	\$ (111,666.67)	\$ (22,396.00)	\$ 217,188.00	\$ 289,584.00	\$ (89,584.00)	0.31	0.69	1.18
2024	Master Plan Update	Burroughs	4Waters	N/A	N/A	\$ 247,500.00	\$ 83,711.79	\$ 57,722.50	\$ 57,620.21	\$ (25,989.29)	\$ 102.29	\$ 189,441.20	\$ 247,061.41	\$ 438.59	0.69	1.00	1.00
2026	Tillman Water Line Replacement	Simmons	JWSC	JWSC	JWSC	\$ 80,000.00	\$ 80,000.00	\$ 8,000.00	\$ 16,225.00	\$ (72,000.00)	\$ (8,225.00)	\$ 146,025.00	\$ 162,250.00	\$ (82,250.00)	0.10	0.49	1.13
TOTALS						\$ 43,094,530.00	\$ 23,311,500.04	\$ 10,752,452.31	\$ 9,764,809.55	\$ (12,559,047.73)	\$ 987,642.76	\$ 30,258,757.18	\$ 40,023,566.73	\$ 3,070,963.27	0.46	1.10	0.97

BAC
PV
EV
AC
SV
CV
ETC
EAC
VAC
SPI
CPI
TCPI

Budget at Completion
Planned Vaue
Earned Value
Actual Cost
Schedule Variance
Cost Variance
Estimate to Complete
Estimate at Completion
Variance at Completion
Schedule Performance Index
Cost Performance Index
To Complete Performance Index

Approved Budget for Project
% of Schedule Used x BAC
% of Work Completed x BAC
Actual Costs to Date
EV - PV
EV - AC
(BAC - EV) / CPI
AC + ETC
BAC - EAC
EV / PV
EV / AC
(BAC - EV) / (BAC - AC)

Positive means ahead of schedule
Positive is better
Estimate to complete based on cost performance to date
Estimated final project cost
Positive means project is projected to be under budget
Greater than 1.0 means ahead of schedule
Greater than 1.0 means costs are ahead of schedule
Greater than 1.0 indicates project management needs to be more efficient to complete project on budget