



**Brunswick-Glynn County Joint Water and Sewer Commission  
1703 Gloucester Street, Brunswick GA 31520  
Wednesday, October 16, 2019 at 3:00 PM  
Commission Meeting Room**

## **FACILITIES COMMITTEE MEETING AGENDA**

**COMMITTEE MEMBERS:**                    **Chairman Ben Turnipseed  
Commissioner Bob Duncan  
Commissioner Steve Copeland  
Interim 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 September 18, 2019 Facilities Committee Meeting (*subject to any necessary changes*)**
2.     **Dedications (2) – T. Kline**
  - **PS2022 Dunbarton Creek Plantation**
  - **205 Dunbar Drive Force Main Extension**

### **DISCUSSION**

1.     **Meter RFI Presentation – A. Burroughs**
2.     **WPCF Plant Flows Report – A. Burroughs**
3.     **Approved Unsolicited Proposals Discussion - Schedules, Capacities, Map Locations, etc.**
4.     **Academy Creek - Proposed Permit Revision, Equipment Items, Sludge Hauling etc. – A. Burroughs**
5.     **Sewer Expansion Project - Status of Responses, Design Status, Proposed Schedule, etc.**
6.     **Proposed SPLOST Projects – A. Burroughs**
7.     **Status of Wasteload Allocations EPD Request – A. Burroughs**
8.     **Project Report – A. Burroughs**

**EXECUTIVE SESSION - Property**

**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, October 16, 2019 at 3:00 PM**

**FACILITIES COMMITTEE MINUTES**

**PRESENT:**                    **Ben Turnipseed, Chairman**  
                                  **Steve Copeland, Commissioner**  
                                  **Bob Duncan, Commissioner**  
                                  **Andrew Burroughs, Interim Executive Director**

**ALSO PRESENT:**        **Donald Elliott, Commissioner**  
                                  **Todd Kline, Director of Engineering**  
                                  **Janice Meridith, Exec. Commission Administrator**

**MEDIA PRESENT:**     **Taylor Cooper, The Brunswick News**  
                                  **Matthew Permar, The Islander**

Chairman Turnipseed called the meeting to order at 3:00 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 September 18, 2019**

Commissioner Duncan made a motion seconded by Commissioner Copeland to approve the minutes from the Facilities Committee Meeting held on September 18, 2019. Motion carried 3-0-0.

**2. Dedications (2) – T. Kline**

- **PS2022 Dunbarton Creek Plantation**
- **205 Dunbar Drive Force Main Extension**

Mr. Kline provided that the dedication for PS2022 is one from the list of pump stations that the dedications need to be completed on, and the second dedication is for a length of force main installation at 205 Dunbar Drive to facilitate a new customer connection. He noted that the owner installed the force main and is dedicating it to JWSC since it is in the right of way, and this will also open up opportunities for other new customers to tie onto this infrastructure in the future.

Commissioner Duncan made a motion seconded by Commissioner Copeland to move that the Brunswick Glynn County Joint Water & Sewer Commission Facilities Committee approve the projects described above to move forward to the full Commission for approval.

Chairman Turnipseed asked Mr. Kline how old the pump station is, and Mr. Kline noted he will gather that information and provide to the Chairman. Chairman Turnipseed asked if the low pressure force main was from a private grinder station, and Mr. Kline responded that it was and was for one residence at this time.

Motion carried 3-0-0.

## **DISCUSSION**

### **1. Meter RFI Presentation – A. Burroughs**

Mr. Burroughs provided a discussion/presentation to the Committee regarding the Water Meter RFI for which packages of information have been recently received from eleven (11) proposers. Mr. Burroughs noted that the purpose of the RFI (Request For Information) was to help JWSC narrow down the scope of what JWSC needed. The presentation informed the Committee as to the types of metering services that were proposed. Mr. Burroughs provided that there were three types of meters proposed in the RFIs: mechanical, electromagnetic and ultrasonic. He also explained the two types of meter reading: automatic meter reading and advanced metering infrastructure. He also provided some initial thoughts to consider: brass threads, AMI to AMR fallback capacity, analog dial for customer confidence, and network as a service. A Request For Proposals with a more limited scope is expected to be issued by Thanksgiving. The committee further discussed various issues and considerations in the decision and plan for the type of metering system and services to select for JWSC's future use.

### **2. WPCF Plant Flows Report – A. Burroughs**

Mr. Burroughs provided that all influent and effluent parameters were within permit levels for the month of September at all three plants. He noted that at Academy Creek the influent concentration went down. The phosphorous coming in at the head of the plant was very low for the month of September which is beneficial, and the BOD and TSS removals were noted as being better as well. Dunbar and Southport plants were also well below permit levels on various parameters.

### **3. Sewer Expansion Project - Status of Responses, Design Status, Proposed Schedule, etc. - A. Burroughs**

Mr. Burroughs advised that around 600 interest letters were sent out to residents in the Ellis Point and ARCO areas and that about 200 responses had been received back. He commented that communications had been made with some of the homeowner groups regarding their coming in and allowing staff to explain more about the proposed sewer expansion project. Mr. Burroughs provided that there was some interest shown in receiving services in the Ellis Point area, but there was more interest shown from the ARCO area of which most of those customers already have water services and there are also failing septic tank situations. Staff is planning to meet with Ellis Point residents in the near future in an attempt to gather more responses from them.

### **4. Proposed SPLOST Projects – A. Burroughs**

Mr. Burroughs provided the Committee with four scenarios regarding possible SPLOST 2020 funded projects. JWSC's total request for funding from SPLOST 2020 is \$31,300,000 which would fund eight very important and needed projects. Mr. Burroughs provided the projects prioritized, described each, included the estimated budget requirement for each, and also listed the benefits gained from each project. Scenario one provided the full information for all eight projects in the case of receiving the total funding request. Scenario two provided the four top priority projects that could be completed in the case of

receiving only \$15M of the requested funding. Scenario three provided the five top priority projects that could be completed in the case of receiving \$20M of the request. Scenario four provided the six top priority projects that could be completed with \$25M of the requested funding. All four scenarios were presented to the County for SPLOST 2020 funding consideration.

All eight projects were listed and prioritized in the following order: (1) CIPP Gravity Sewers – county wide; (2) Fairway Oaks – Replace transite lines in poor condition; (3) Permanent Bypass pumps – install permanent bypass pumps on all 17 priority 1 & 2 lift stations; (4) Beverly Shores – Replace transite lines in poor condition; (5) Waverly Pines – Replace transite lines in poor condition; (6) LS4039/4109 Force Main Reroute – Reroute force mains into new 4110 force main; (7) Lift Station Odor Control – Vapor Phase odor control for 12 lift stations; and (8) Exit 42 Elevated Storage Tank – New elevated storage tank to serve potential industrial and commercial development in that area.

**5. Status of Wasteload Allocations EPD Request – A. Burroughs**

Mr. Burroughs provided that JWSC has four existing wasteload allocations with the EPD, of which three are for the proposed north mainland treatment facility and one is for Dunbar Creek which is currently at 4MGD. All four active wasteload allocations are for 5MGD each.

**6. Project Report – A. Burroughs**

Mr. Burroughs introduced a new portion of the project report to the Committee which breaks the projects down into the large tasks of: engineering, advertisement, contract administration and construction. This new project report section is a Gantt chart indicating the current task level for each project and the remaining task levels with the expected duration, scheduled start and scheduled finish for each task level. Mr. Burroughs and Mr. Kline then discussed the various projects with the Committee advising the status of each. Commissioner Copeland requested that gridlines be added to the Gantt chart section.

**7. Approved Unsolicited Proposals Discussion - Schedules, Capacities, Map Locations, etc. – T. Kline**

Mr. Kline provided a map of the mainland and of St. Simons Island indicating the locations of all the unsolicited proposal projects. Bergen Woods Apartments, Saddlebrook Subdivision/Wade Journey Homes, Oak Grove/Carolina Partners, and Coastal Club Apartments project locations were shown on the map of the mainland. Sinclair Subdivision and Frederica Township project locations were shown on the St. Simons Island map. Mr. Kline and Mr. Burroughs discussed the various unsolicited proposal projects and details of each with the Committee.

**EXECUTIVE SESSION - Property**

Commissioner Copeland made a motion seconded by Commissioner Duncan to enter into Executive Session to discuss Property. Motion carried 3-0-0.

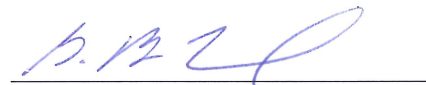
Return to Regular Session

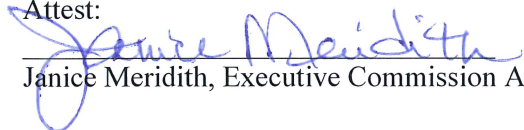
Commissioner Duncan made a motion seconded by Commissioner Copeland to return to Regular Session. Motion carried 3-0-0.



Commissioner Duncan made a motion seconded by Commissioner Copeland to adjourn the meeting.  
Motion carried 3-0-0.

There being no further committee business, Chairman Turnipseed adjourned the meeting at 4:32 p.m.

  
\_\_\_\_\_  
G. Ben Turnipseed, Chairman

Attest:  
  
\_\_\_\_\_  
Janice Meredith, Executive Commission Administrator



# Brunswick-Glynn County Joint Water and Sewer Commission

**To:** Brunswick-Glynn Joint Water & Sewer Commission – Facilities Committee  
**From:** Todd Kline, P.E., Director of Engineering *TJK*  
*10 Oct. 2019*  
**Date:** Wednesday, October 16, 2019  
**Re:** **Dedication of Infrastructure**

**Staff Report**

By providing required documentation, the Owner of Record dedicates the following infrastructure:

1. **Pump Station 2022 Dunbarton Creek Plantation:** Located at 225 Dunbarton Drive, Simons Island, Georgia; Parcel 04-14409; and, owned by the Dunbarton Creek Plantation Property Owners Association
2. **205 Dunbar Drive Low Pressure Force Main:** Located at 205 Dunbar Drive, St. Simons Island, Georgia; Parcel 04-01345; and, owned by Gaynelle Fournier.

The water and sewer systems have been constructed in accordance with applicable standards and in accordance with the JWSC Development Procedures. The work has been deemed compliant by JWSC operational superintendents and the project inspector.

Project	Application for Dedication		Fair Value of Infrastructure		Easement <sup>1</sup>
	Water	Wastewater	Water	Wastewater	
PS 2022 Dunbarton Creek Plantation	NA	NA	NA	NA	Limited Warranty Deed
205 Dunbar Drive	NA	X	NA	370 L.F. at \$11,100	NA

<sup>1</sup> Where applicable, deed documents along with the required plats and legal descriptions have been prepared, executed, submitted and approved as to form by the BGJWSC Attorney.

### **Recommended Action**

In as much as all requirements of the BGJWSC Development Procedures have been met and all related documents have been submitted and executed, staff recommends acceptance by the BGJWSC Facilities Committee of the projects described above as public infrastructure for ownership, operation and maintenance.

### **Recommended Motion**

I make a motion that the Brunswick Glynn County Joint Water & Sewer Commission Facilities Committee approve the projects described above to move forward to full Commission for approval.

### **Attachments**

- 1) 205 Dunbar Drive Force Main Application for Dedication and Copy of Contractors Invoice – *Requires BGJWSC Commission Signature*
- 2) PS2022 Limited Warranty Deed – *Requires BGJWSC Commission Signature & Notary*
- 3) Pump Station Acquisition Project Tracker (Last Revised 10-10-2019)



(Above the Line Reserved for Clerk Recording Data)

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

**STATE OF GEORGIA  
COUNTY OF GLYNN**

**LIMITED WARRANTY DEED**

THIS INDENTURE is made as of the 26 day of SEPTEMBER, 2019, by and between **DUNBARTON CREEK PLANTATION PROPERTY OWNERS ASSOCIATION, INC.**, a Georgia 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, lying and being in G.M.D. 25, St. Simons Island, Glynn County, Georgia, and being shown as "Lift Station Area" adjacent to Lot 19 of Dunbar Creek Plantation "Phase One" and shown on plat of said subdivision prepared by Joe Biletzskov, Georgia Registered Land Surveyor No. 1672, and recorded in the public records of Glynn County, Georgia, in Plat Drawer 14, Page 556, to which reference is hereby particularly made.

Said tract is also shown as "Sanitary Sewer Pump Station" on plat prepared by Charles L. Johnson, Georgia Registered Land Surveyor No. 2640, and recorded in Plat Drawer 28, Page 196.

TOGETHER WITH all water and 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.

[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.

**DUNBAR CREEK PLANTATION  
PROPERTY OWNERS ASSOCIATION,  
INC.**

By:



President

Attest to:

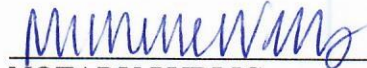


Secretary


Unofficial Witness

Signed, sealed and delivered on this  
16 day of Sept, 2019,  
and in the presence of:



NOTARY PUBLIC

My Commission Expires: 4/26/19



**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 \_\_\_\_\_, 2019,  
and in the presence of:

\_\_\_\_\_  
NOTARY PUBLIC  
My Commission Expires: \_\_\_\_\_

RECEIVED OCT 4 2019

CLERK





## 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 subdivision heretofore known as 205 Dunbar Low Pressure Force Main; the current Owner(s) of the system, being Gaynelle Fournier, located at 205 Dunbar Drive, St Simons Island GA 31522, 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 NA linear feet as constructed, is estimated to be \$ NA.

The Fair Value (Cost Basis) of the installed **sanitary sewer system**, which is approximately 370 linear feet, is estimated to be \$ 11,100.

The Fair Value (Cost Basis) of the installed **wastewater lift station**, which design capacity is NA 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 NA 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: W. Todd Kline, P.E., JWSC	Georgia P.E. Registration # :
Engineer Signature:	Date (mm/dd/yyyy):

(ENGINEER SEAL)

**Part E: Owner/Developer Certification**

I/We, Gaynelle Fournier, 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: <u>Gaynelle Morgan Fournier</u>	
Title of Grantor: <u>owner</u>	
Signature of Grantor: <u>Gaynelle M. Fournier</u>	Date Signed(mm/dd/yyyy): <u>10-7-19</u>

If this is a Corporation include name of someone to Attest and Corporate Seal

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>10/7/2019</u>
In the presence of (printed Name of Notary): <u>Tiffany Tiner</u>
Signature of Notary Public: <u>Tiffany Tiner</u>
Date Notary Commission Expires (mm/dd/yyyy): <u>03/27/2021</u>



**ACCEPTED BY BRUNSWICK GLYNN JOINT WATER & SEWER COMMISSION**

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

# WOODARD CONSTRUCTION COMPANY, INC.

3109 Memorial Drive  
Waycross, GA 31503

(912) 285-8004/Fax (912) 285-8097  
mail@woodardconstruction.net

Date: 12-Jul-19

Stephen McDonald Construction  
St. Claire Subdivision: Dunbar Road  
(Gaynell Fornier)

Invoice 72219

Description	Qty	Unit	Cost	Total
Install 150' 1 1/2" Service Line	150	each	\$15.00	\$2,250.00
Install 370" 2" Force Main	370	each	\$30.00	\$11,100.00
Grinder Station	1	each	\$17,150.00	\$17,150.00
Electrial	1	each	\$600.00	\$600.00
Total Amount Due Upon Receipt				\$31,100.00



95-2019-0077

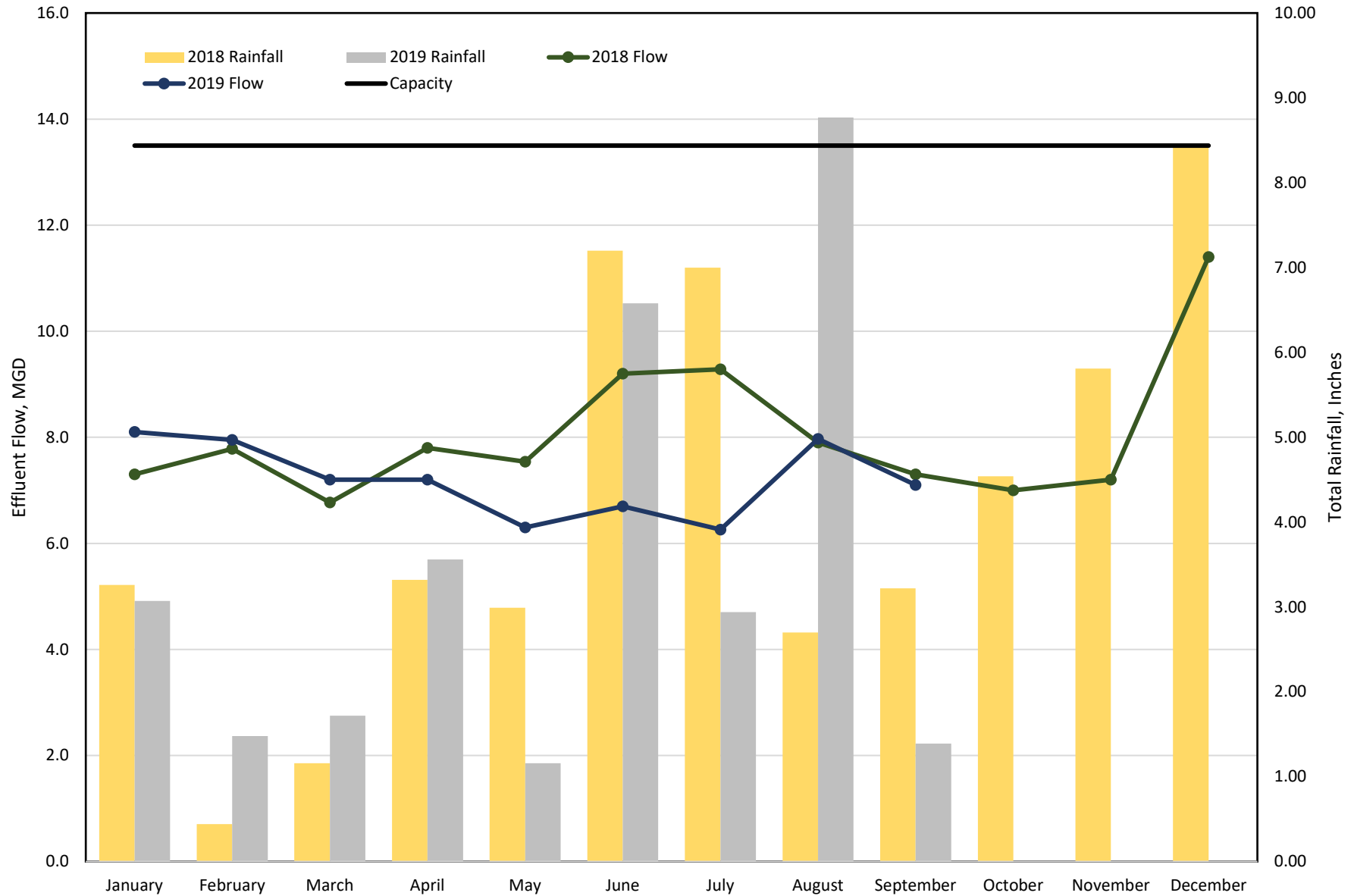
We appreciate the opportunity to work with you. Please contact us if you have any other construction needs.



ACADEMY CREEK WWTP	FLOW (MGD)				Influent Concentrations					Effluent Concentrations							Removal Efficiency		Rainfall		Water Meter Monthly MGal	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	Fecal #/100 mL	Phos. mg/L	BOD %	TSS %	Maximum Inches			Total Inches
January 2018	6.5	0.7	7.3	54%	7.3	173	175			6.5	7.1	7	12	3.9	0.03	9	3.4	95.95%	93.14%	1.62	3.26		
February 2018	6.9	0.7	7.8	58%	7.2	192	203			6.6	6.8	8	12	6.8	0.03	1	4.3	95.83%	94.09%	0.30	0.44		
March 2018	5.8	0.7	6.8	50%	7.4	198	190			6.6	6.6	11	11	5.8	0.04	1	3.7	94.44%	94.21%	0.51	1.16		
April 2018	6.7	0.6	7.8	58%	7.3	165	149			6.7	6.7	8	12	7.4	0.04	11	3.2	95.15%	91.95%	1.57	3.32		
May 2018	6.4	0.7	7.5	56%	7.3	158	161			6.6	6.2	6	10	8.3	0.04	13	3.2	96.20%	93.79%	0.73	2.99		
June 2018	8.9	1.0	9.2	68%	7.2	125	132	13.4	3.4	6.5	5.5	6	10	2.7	0.04	13	3.4	95.20%	92.42%	1.75	7.20		
July 2018	9.0	0.8	9.3	69%	7.5	126	140	16.0	5.9	6.7	5.8	6	11	4.2	0.02	13	3.5	95.24%	92.14%	2.60	7.00		
August 2018	7.6	0.7	7.9	59%	7.8	127	168	20.8	4.7	6.8	5.7	8	13	5.3	0.08	11	3.1	93.70%	92.26%	1.20	2.70	0.219	67.32
September 2018	6.3	0.8	7.3	54%	7.7	153	155	17.6	4.4	6.6	5.8	7	13	2.7	0.05	9	4.3	95.42%	91.61%	0.95	3.22	0.163	71.23
October 2018	6.1	0.5	7.0	52%	7.4	172	172	31.8	5.2	6.6	6.0	7	9	9.4	0.02	41	2.6	95.93%	94.77%	1.72	4.54	0.164	65.55
November 2018	6.1	0.7	7.2	53%	7.6	212	335	23.4	5.3	6.6	6.2	8	12	4.8	0.04	44	3.5	96.23%	96.42%	3.00	5.81	0.165	88.25
December 2018	10.0	0.8	11.4	84%	7.9	121	130	17.4	11.0	6.7	6.6	9	15	8.0	0.02	182	4.3	92.56%	88.46%	2.67	8.41	0.149	73.21
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																							
November 2019																							
December 2019																							
Average	6.8	0.7	7.7	57%	7.5	182.9	198	23.6	8.68	6.7	6.2	8.2	11.5	8.9	0.04	28	4.7	95.40%	93.81%	1.39	3.84	0.537	78.37
Max	10.0	1.0	11.4	84%	7.9	258.0	335	37.5	15.8	6.9	7.1	11.0	15.0	21.3	0.10	182	10.8	96.76%	96.42%	3.00	8.77	0.951	114.16
Min	5.3	0.5	6.3	46%	7.2	121.0	130	13.1	1.90	6.5	5.3	6.0	9.0	2.7	0.01	1	1.2	92.56%	88.46%	0.30	0.44	0.149	26.74
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	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

### Academy Creek Effluent Flow

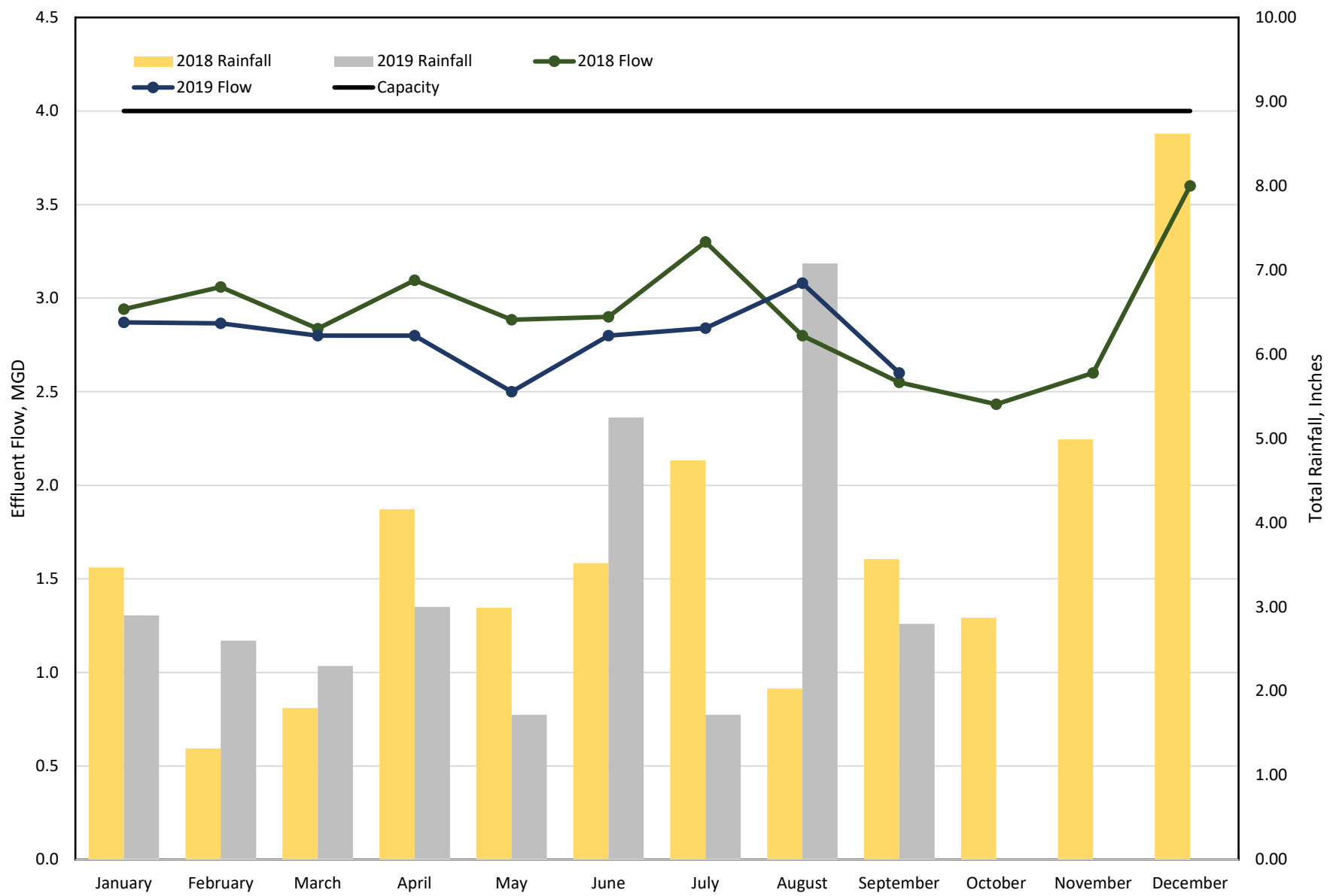


DUNBAR CREEK WWTP	FLOW (MGD)			Influent Concentrations					Effluent Concentrations							Removal Efficiency		Rainfall		Water Meter Monthly M/Gal	Sludge Tons to Landfill
	INF	EFF	% Cap.	pH s.u.	BOD mg/L	TSS mg/L	NH3 mg/L	Phos mg/L	pH s.u.	D.O. mg/L	BOD mg/L	TSS mg/L	NH3 mg/L	Entero. #/100 mL	Phos. mg/L	BOD %	TSS %	Maximum Inches	Total Inches		
January 2018	3.4	2.9	74%	7.1	135	133			7.1	8.2	3.0	2.0	0.4	9	1.7	97.78%	98.50%	2.03	3.47		
February 2018	3.5	3.1	77%	7.0	149	129			7.0	7.3	6.0	3.0	1.6	48	1.6	95.97%	97.67%	0.79	1.32		
March 2018	3.3	2.8	71%	7.3	169	147			7.3	9.0	5.0	1.0	0.3	15	3.0	97.04%	99.32%	0.60	1.80		
April 2018	3.5	3.1	77%	7.2	162	163			7.6	8.4	2.0	1.0	0.1	6	2.7	98.77%	99.39%	1.18	4.16		
May 2018	3.3	2.9	72%	7.2	165	158			7.7	8.3	2.0	2.0	0.6	24	2.9	98.79%	98.73%	0.75	2.99		
June 2018	3.5	2.9	73%	7.1	161	139	22.0	3.20	7.7	7.7	2.1	1.0	1.3	17	2.8	98.70%	99.28%	1.30	3.52		
July 2018	3.6	3.3	83%	7.2	157	153	26.7	4.10	7.5	6.6	2.2	1.0	0.2	3	2.7	98.60%	99.35%	1.52	4.74		
August 2018	2.7	2.8	70%	7.5	139	114	28.6	3.45	7.7	7.5	1.0	1.0	0.9	8	3.1	99.28%	99.12%	0.68	2.03	0.070	22.86
September 2018	2.6	2.6	64%	7.5	134	137	21.9	3.95	7.7	7.9	2.0	1.0	0.6	30	2.9	98.51%	99.27%	0.87	3.57	0.030	22.06
October 2018	2.8	2.4	61%	7.4	131	123	20.9	3.25	7.8	7.7	2.0	2.5	0.4	29	2.3	98.47%	97.99%	1.27	2.87	0.033	18.36
November 2018	3.6	2.6	65%	7.5	143	131	20.6	3.85	7.8	8.2	1.0	3.0	0.8	8	3.8	99.30%	97.71%	2.79	4.99	0.041	21.84
December 2018	4.4	3.6	90%	7.1	98	116	14.5	2.35	7.7	8.8	2.0	2.3	0.9	46	1.4	97.96%	98.02%	2.05	8.62	0.058	17.20
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																					
November 2019																					
December 2019																					
Average	3.4	2.9	72%	7.2	160.0	170.8	23.5	3.60	7.5	8.0	2.4	2.0	0.7	17	2.6	98.46%	98.77%	1.3	3.5	0.040	19.27
Max	4.4	3.6	90%	7.5	219.0	274.0	35.3	5.30	7.8	9.0	6.0	4.0	1.6	48	3.8	99.48%	99.40%	2.8	8.6	0.070	41.48
Min	2.6	2.4	61%	6.9	98.0	114.0	14.5	2.15	7.0	6.6	1.0	1.0	0.1	3	1.4	95.97%	97.67%	0.6	1.3	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



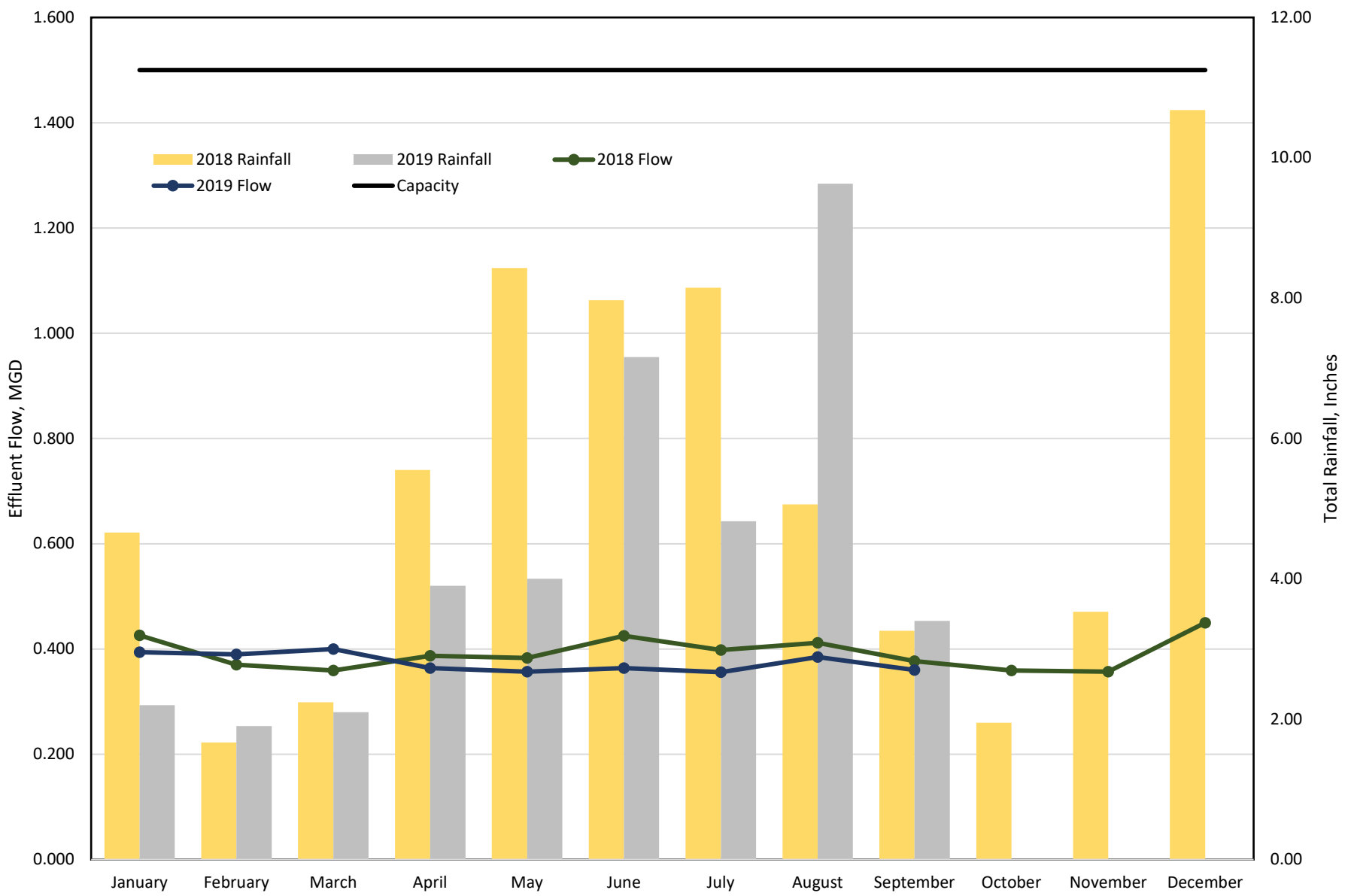
### Dunbar Creek Effluent Flow



SOUTHPORT WWTP	FLOW (MGD)			Influent Concentrations					Effluent Concentrations							Removal Efficiency		Rainfall		Water Meter Monthly M/Gal	Sludge Tons to Landfill	
	Month	INF	EFF	% Cap.	pH	BOD	TSS	NH3	Phos	pH	D.O.	BOD	TSS	NH3	Fecal	Phos.	BOD	TSS	Maximum			Total
					s.u.	mg/L	mg/L	mg/L	mg/L	s.u.	mg/L	mg/L	mg/L	mg/L	#/100 mL	mg/L	%	%	Inches			Inches
January 2018	0.446	0.426	28%	6.8	121	131			6.8	8.5	4.1	8.5	5.3	12	0.3	96.61%	93.51%	2.51	4.66			
February 2018	0.376	0.370	25%	6.9	143	129			7.1	8.2	6.0	8.0	6.0	6	1.1	95.80%	93.80%	0.86	1.67			
March 2018	0.363	0.359	24%	7.2	157	174			7.2	8.7	4.0	4.0	0.1	15	0.4	97.45%	97.70%	0.96	2.24			
April 2018	0.382	0.387	26%	6.8	138	114			6.8	8.9	3.3	4.9	0.1	65	0.6	97.61%	95.70%	1.51	5.55			
May 2018	0.384	0.383	26%	6.8	120	103			7.3	8.0	3.9	3.2	0.6	9	0.7	96.75%	96.89%	2.14	8.43			
June 2018	0.399	0.425	28%	7.0	121	109	23.0	4.40	7.0	7.0	4.0	3.0	0.5	9	0.4	96.69%	97.25%	2.61	7.97			
July 2018	0.382	0.398	27%	6.8	132	119	25.9	3.15	7.3	7.3	4.0	2.4	0.1	3	0.6	96.97%	97.98%	2.65	8.15			
August 2018	0.393	0.412	27%	6.6	128	138	31.1	5.00	6.8	8.0	4.4	4.5	0.7	8	0.3	96.56%	96.74%	1.36	5.06	0.009	3.57	
September 2018	0.353	0.377	25%	6.6	142	131	26.6	3.80	7.2	8.0	4.8	5.2	0.6	6	0.7	96.65%	96.03%	1.18	3.26	0.006	9.06	
October 2018	0.354	0.359	24%	6.7	143	124	25.6	4.10	7.5	8.8	5.0	5.0	0.3	10	1.5	96.50%	95.97%	0.88	1.95	0.005	7.52	
November 2018	0.356	0.357	24%	7.0	166	149	35.1	4.45	7.9	9.0	4.0	7.0	1.4	3	1.1	97.59%	95.30%	1.64	3.53	0.004	2.16	
December 2018	0.384	0.450	30%	7.0	115	94	25.0	1.60	7.5	8.6	3.0	3.0	0.7	6	0.4	97.39%	96.81%	3.48	10.68	0.004	4.64	
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	6.50	
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																						
November 2019																						
December 2019																						
Average	0.373	0.384	26%	6.9	125.3	127.7	30.3	3.67	7.3	8.2	4.5	4.6	1.0	12	0.7	96.30%	96.11%	1.5	4.9	0.008	4.84	
Max	0.446	0.450	30%	7.5	166.0	375.7	45.0	5.00	7.9	9.0	8.0	8.5	6.0	65	1.5	97.65%	99.20%	3.5	10.7	0.022	9.06	
Min	0.350	0.356	24%	6.6	96.0	75.0	23.0	1.20	6.8	6.6	3.0	2.0	0.1	3	0.1	92.73%	93.51%	0.1	1.7	0.004	1.90	
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

### Southport Effluent Flow



# Scenario - Total Request

Overall Priority	Project Name	Description	Rounded Budget	Expected Benefits
1	CIPP Gravity Sewers	CIPP PACP Scores 4 and 5, non-PVC with lateral lining, county-wide	\$ 8,000,000.00	Potential 40% reduction in I&I for identified lines (overall I&I averages approx 1.6 MGD), Reduction in sinkholes/road cuts/paving costs associated with collapsed lines (sewer paving averages \$300,000 annually)
2	Fairway Oaks	Replace transite lines in poor condition, increase sizing in some areas for increase fire flow, 0.39 Breaks/Mile/Year	\$ 6,000,000.00	Break rate 2.6x national average, reduction in road cuts/leaks/paving (water paving \$200,000 annually), staff resources could be reallocated to improved fire hydrant maintenance and valve maintenance, reduction in boil water advisories
3	Permanent Bypass Pumps	Install Permanent Bypass Pumps on all Priority 1 & 2 Stations (17 Pumps)	\$ 2,900,000.00	Increased resiliency during weather events, improved maintenance flexibility (can perform work without cutting off flow)
4	Beverly Shores	Replace transite lines in poor condition, increase sizing in some areas for increase fire flow, 0.53 Breaks/Mile/Year	\$ 2,900,000.00	Break rate 3.5x national average, reduction in road cuts/leaks/paving (water paving \$200,000 annually), staff resources could be reallocated to improved fire hydrant maintenance and valve maintenance, reduction in boil water advisories
5	Waverly Pines	Replace transite lines in poor condition, increase sizing in some areas for increase fire, 0.20 Breaks/Mile/Year	\$ 3,200,000.00	Break rate 1.3x national average, reduction in road cuts/leaks/paving (water paving \$200,000 annually), staff resources could be reallocated to improved fire hydrant maintenance and valve maintenance, reduction in boil water advisories
6	LS4039/4109 Force Main Reroute	Reroute FMs from LS 4039/4109 into new 4110 FM	\$ 2,300,000.00	Improve available capacity along Hwy 17 by rerouting FLETC flow down Harry Driggers, utilizes existing 4109 FM as new FM for 4039
7	Lift Station Odor Control	Vapor Phase Odor Control for 12 Stations	\$ 3,000,000.00	Reduction in nuisance odors at major pump stations, common complaint from customer base
8	Exit 42 Elevated Storage Tank	New Elevated Storage Tank at Exit 42 to serve potential industrial and commercial development in area.	\$ 3,000,000.00	Provide additional water storage capacity for mainland area, improve control of distribution system pressure around Exit 42
<b>Total Request</b>			<b>\$ 31,300,000.00</b>	

# Scenario - \$15M Approved Funding

Overall Priority	Project Name	Description	Rounded Budget	Expected Benefits
1	CIPP Gravity Sewers	CIPP PACP Scores 4 and 5, non-PVC with lateral lining, county-wide	\$ 4,100,000.00	Potential 40% reduction in I&I for identified lines (overall I&I averages approx 1.6 MGD), Reduction in sinkholes/road cuts/paving costs associated with collapsed lines (sewer paving averages \$300,000 annually)
2	Fairway Oaks	Replace transite lines in poor condition, increase sizing in some areas for increase fire flow, 0.39 Breaks/Mile/Year	\$ 6,000,000.00	Break rate 2.6x national average, reduction in road cuts/leaks/paving (water paving \$200,000 annually), staff resources could be reallocated to improved fire hydrant maintenance and valve maintenance, reduction in boil water advisories
3	Permanent Bypass Pumps	Install Permanent Bypass Pumps on all Priority 1 & 2 Stations (17 Pumps)	\$ 2,000,000.00	Increased resiliency during weather events, improved maintenance flexibility (can perform work without cutting off flow)
4	Beverly Shores	Replace transite lines in poor condition, increase sizing in some areas for increase fire flow, 0.53 Breaks/Mile/Year	\$ 2,900,000.00	Break rate 3.5x national average, reduction in road cuts/leaks/paving (water paving \$200,000 annually), staff resources could be reallocated to improved fire hydrant maintenance and valve maintenance, reduction in boil water advisories
<b>Total Request</b>			<b>\$ 15,000,000.00</b>	

# Scenario - \$20M Approved Funding

Overall Priority	Project Name	Description	Rounded Budget	Expected Benefits
1	CIPP Gravity Sewers	CIPP PACP Scores 4 and 5, non-PVC with lateral lining, county-wide	\$ 6,000,000.00	Potential 40% reduction in I&I for identified lines (overall I&I averages approx 1.6 MGD), Reduction in sinkholes/road cuts/paving costs associated with collapsed lines (sewer paving averages \$300,000 annually)
2	Fairway Oaks	Replace transite lines in poor condition, increase sizing in some areas for increase fire flow, 0.39 Breaks/Mile/Year	\$ 6,000,000.00	Break rate 2.6x national average, reduction in road cuts/leaks/paving (water paving \$200,000 annually), staff resources could be reallocated to improved fire hydrant maintenance and valve maintenance, reduction in boil water advisories
3	Permanent Bypass Pumps	Install Permanent Bypass Pumps on all Priority 1 & 2 Stations (17 Pumps)	\$ 1,900,000.00	Increased resiliency during weather events, improved maintenance flexibility (can perform work without cutting off flow)
4	Beverly Shores	Replace transite lines in poor condition, increase sizing in some areas for increase fire flow, 0.53 Breaks/Mile/Year	\$ 2,900,000.00	Break rate 3.5x national average, reduction in road cuts/leaks/paving (water paving \$200,000 annually), staff resources could be reallocated to improved fire hydrant maintenance and valve maintenance, reduction in boil water advisories
5	Waverly Pines	Replace transite lines in poor condition, increase sizing in some areas for increase fire, 0.20 Breaks/Mile/Year	\$ 3,200,000.00	Break rate 1.3x national average, reduction in road cuts/leaks/paving (water paving \$200,000 annually), staff resources could be reallocated to improved fire hydrant maintenance and valve maintenance, reduction in boil water advisories
<b>Total Request</b>			<b>\$ 20,000,000.00</b>	

# Scenario - \$25M Approved Funding

Overall Priority	Project Name	Description	Rounded Budget	Expected Benefits
1	CIPP Gravity Sewers	CIPP PACP Scores 4 and 5, non-PVC with lateral lining, county-wide	\$ 8,000,000.00	Potential 40% reduction in I&I for identified lines (overall I&I averages approx 1.6 MGD), Reduction in sinkholes/road cuts/paving costs associated with collapsed lines (sewer paving averages \$300,000 annually)
2	Fairway Oaks	Replace transite lines in poor condition, increase sizing in some areas for increase fire flow, 0.39 Breaks/Mile/Year	\$ 6,000,000.00	Break rate 2.6x national average, reduction in road cuts/leaks/paving (water paving \$200,000 annually), staff resources could be reallocated to improved fire hydrant maintenance and valve maintenance, reduction in boil water advisories
3	Permanent Bypass Pumps	Install Permanent Bypass Pumps on all Priority 1 & 2 Stations (17 Pumps)	\$ 2,600,000.00	Increased resiliency during weather events, improved maintenance flexibility (can perform work without cutting off flow)
4	Beverly Shores	Replace transite lines in poor condition, increase sizing in some areas for increase fire flow, 0.53 Breaks/Mile/Year	\$ 2,900,000.00	Break rate 3.5x national average, reduction in road cuts/leaks/paving (water paving \$200,000 annually), staff resources could be reallocated to improved fire hydrant maintenance and valve maintenance, reduction in boil water advisories
5	Waverly Pines	Replace transite lines in poor condition, increase sizing in some areas for increase fire, 0.20 Breaks/Mile/Year	\$ 3,200,000.00	Break rate 1.3x national average, reduction in road cuts/leaks/paving (water paving \$200,000 annually), staff resources could be reallocated to improved fire hydrant maintenance and valve maintenance, reduction in boil water advisories
6	LS4039/4109 Force Main Reroute	Reroute FMs from LS 4039/4109 into new 4110 FM	\$ 2,300,000.00	Improve available capacity along Hwy 17 by rerouting FLETC flow down Harry Driggers, utilizes existing 4109 FM as new FM for 4039
<b>Total Request</b>			<b>\$ 25,000,000.00</b>	



**PROJECT REPORT**

Financial Data as of 09-30-2019

Proj #	Project Name	Original Project Estimate	Proj Mgr.	Concept Design	Detail Design	Construction	BUDGET VS. EXPENDITURES											Status		
							BOC APPROVED FUNDING & SOURCE				COMMITTED			EXPENDITURES					BALANCE	
							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		Uncommitted \$\$\$ (App Fund - Exp)	% Approved Budget Available
232	SR-99 Water Main Extension	\$2,200,000	Kline/Patel/Vo	EMC	RGA / EMC	Seaboard	\$0	\$2,200,000	\$0	\$2,200,000	\$1,263,167	\$287,693	\$1,550,860	\$1,478,971	\$177,373	\$282,572	\$1,938,916	\$261,084	11.87%	GDOT approved JWSC redlines on 10/09/2019. Remobilization meeting w/ contractor 10/15/2019. C/O #4 pricing in progress.
417	Ridgewood Water Production Facility	\$1,000,000	Kline/Vo	JWSC	RGA	TBD	\$1,000,000	\$0	\$0	\$1,000,000	\$107,366	\$0	\$107,366	\$13,980	\$90,470	\$65,859	\$170,309	\$829,691	82.97%	Final design submittal reviewed and return to EOR for revision on 10/09/2019. EOR to submit revised package by 10/17/2019 with an anticipated advertisement date by 11/01/2019.
702	North Mainland Sewer Improvements	\$14,900,000	Kline/Vo	JWSC/ EMC	T&H	TBD	\$0	\$11,700,000	\$3,200,000	\$14,900,000	\$7,164,141	\$286,264	\$7,450,405	\$4,314,246	\$3,094,656	\$0	\$7,408,902	\$7,491,098	50.28%	Construction progress meeting held on 10/15/2019. CIPP bypass to begin 10/21/2019 for B&W Grade Road section.
703	PS 4003 Decommission and Gravity Sewer	\$3,300,000	Kline/Patel/Vo	JWSC	HGB	TBD	\$0	\$0	\$3,300,000	\$3,300,000	\$248,599	\$0	\$248,599	\$40,329	\$208,270	\$3,589	\$252,188	\$3,047,812	92.36%	Meeting held with HGB on 10/02/2019 to finalize rehab options. 30% design to be submitted for JWSC review in approximately 2 weeks.
704	Canal Road to Glynco 12-inch Watermain Loop	\$1,200,000	Kline/Patel/Vo	JWSC	JWSC	TBD	\$0	\$1,200,000	\$0	\$1,200,000	\$48,000	\$0	\$48,000	\$48,000	\$0	\$0	\$48,000	\$1,152,000	96.00%	Conceptual design exhibit underway. Propose to begin installation for portion along Glynco Parkway in November 2019.
801	FEMA Hazard Mitigation-Academy Creek	\$3,188,000	Burroughs	Haggerty	TBD	TBD	\$3,188,000	\$0	\$0	\$3,188,000	\$37,233	\$0	\$37,233	\$28,083	\$3,325	\$105,432	\$136,840	\$3,051,160	95.71%	FEMA approval for first 22 lift station transfer switches. Waiting on remainder of approvals. Checking on availability of portable generators.
804	Magnolia Water Improvements	\$1,150,000	Kline/Vo	JWSC	City of BWK / EMC	TBD	\$1,150,000	\$0	\$0	\$1,150,000	\$117,050	\$0	\$117,050	\$44,684	\$72,366	\$0	\$117,050	\$1,032,950	89.82%	City Project/contract. City has requested JWSC 50/50 cost sharing for paving. Estimates for piping placement are both considerably higher than budget. EOR to move forward with WL design behind the curb with the anticipated to advertise by mid-November 2019.
805	L Street Water Improvements	\$650,000	Kline/Vo	JWSC	City of BWK / EMC	Georgia Asphalt Producers	\$787,334	\$0	\$0	\$787,334	\$751,780	\$4,104	\$755,884	\$382,689	\$373,196	\$0	\$755,885	\$31,449	3.99%	Construction Progress meeting held on 10/01/2019. AGL demobilized 10/09/2019. GA Asphalt is onsite and expected to provide updated project schedule by 10/18/2019.
806	Academy Creek Oxygen System Rehab	\$1,040,000	Burroughs	HGB	HGB	A&G / Matheson	\$1,040,000	\$0	\$0	\$1,040,000	\$1,012,002	\$0	\$1,012,002	\$990,366	\$24,051	\$0	\$1,014,417	\$25,583	2.46%	Only remaining item is PLC programming for emergency blower system.
903	SR 27 Resurfacing from Yellow Bluff Creek to US 25	\$77,000	Kline/Vo	JWSC/GDOT	GDOT	GDOT	\$102,000	\$0	\$0	\$102,000	\$77,250	\$24,750	\$102,000	\$0	\$0	\$101,929	\$101,929	\$71	0.07%	Seaboard Construction LLC mobilized to the project site on 09/19/2019. The mainline milling & resurfacing activities is on-going and expected to be completed by end of December 2019.
904	Lift Station 4021 Improvements	\$275,000	Kline/Patel	JWSC	JWSC	TBD	\$0	\$275,000	\$0	\$275,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$275,000	100.00%	Design revision to utilize triplex draft plans complete. Finalizing electrical and SCADA with JWSC Ops/EMC Controls. Bid Docs In progress
906	Water Pollution Rehab-Academy & Dunbar	\$15,000,000	Burroughs	JWSC	GMC	TBD	\$0	\$0	\$1,480,647	\$1,480,647	\$1,232,649	\$0	\$1,232,649	\$63,221	\$1,117,929	\$50,083	\$1,231,233	\$249,414	16.84%	30% Design comments submitted. Scheduling visit to Athens to view band screens.
2001	PS4105 Basin Expansion/Forcemain reroute & CIPP	\$1,485,000	Burroughs/Kline/Vo	JWSC	RCE	TBD	\$1,000,000	\$485,000	\$0	\$1,485,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,485,000	100.00%	Engineering kickoff held 10/08/2019 with design time 120 days.
2002	Altama Avenue CIPP	\$625,000	Burroughs/Kline/Vo	JWSC	JWSC	TBD	\$625,000	\$0	\$0	\$625,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$625,000	100.00%	Intivation to Bid sent out on 09/27/2019 with the Prebid Date schedule for 10/22/2019 and Bid Open 11/05/2019.
2003	Sea Palms CIPP	\$561,795	Burroughs/Kline/Vo	JWSC	JWSC	TBD	\$0	\$0	\$561,795	\$561,795	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$561,795	100.00%	The Sea Palms CIPP and Altama Avenue CIPP are advertised in one package to achieve the best combination of price and performance.
2004	Mainland Smoke Testing	\$325,000	Zettler	JWSC	N/A	P.U.M.P.S.	\$325,000	\$0	\$0	\$325,000	\$231,649	\$0	\$231,649	\$0	\$0	\$0	\$0	\$325,000	100.00%	Door hangers notification placed 10/10/2019 and NTP issued for 10/14/2019.
2005	Coastal Club Apts. Offsite PS & FM Improvements	\$217,000	Kline/Vo	JWSC	TBD	TBD	\$0	\$217,000	\$0	\$217,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$217,000	100.00%	Comprehensive agreement approved by the Board 09/18/2019. Design kickoff held 10/08/2019. Survey is underway and EOR is preparing for 30% submittal.
2006	Academy Creek Roof Repair	\$300,000	Burroughs/Hopkins	JWSC	TBD	TBD	\$300,000	\$0	\$0	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000	100.00%	Advertise November 2019 and construct post-hurricane season.
2007	Bergen Woods Offsite Forcemain Improvements	TBD	Kline/Vo	JWSC	TBD	TBD	\$0	TBD	\$0	TBD	\$0	\$0	\$0	\$0	\$0	\$0	\$0	#VALUE!	#VALUE!	Plans in EPD and GDOT review.
<b>TOTALS</b>							<b>\$9,517,334</b>	<b>\$16,077,000</b>	<b>\$8,542,442</b>	<b>\$30,622,981</b>	<b>\$12,290,886</b>	<b>\$602,811</b>	<b>\$12,893,697</b>	<b>\$7,404,569</b>	<b>\$5,161,636</b>	<b>\$609,464</b>	<b>\$13,175,669</b>	<b>\$17,447,312</b>	<b>56.97%</b>	

UNSOLICITED PROPOSALS	DESCRIPTION	Concept	Application	Preliminary Engineering	Comprehensive Agreement	Project	Capital Fees Generated	STATUS
Sinclair S/D residential development (SSI)	121 Lot S/D; proposed improvements to PS2056 and force main.	Complete	Complete	Complete	Complete May 2018	*	*	Pending developer action.
Bergen Woods Apartments	Proposed 252 apartment development and force main improvements.	Complete	Complete	Complete	Complete August 2018	*	*	Plans in EPD and GDOT review.
Frederica Township	Downstream upgrades to accommodate 200 additional lots; cooperative w/ Sinclair U.P.	Complete	Complete	Complete	Complete August 2018	*	*	Pending developer action.
Oak Grove/Carolina Partners	Force main improvements to serve proposed development on Oak Grove Island.	Complete	Complete	Complete	Complete February 2019	*	*	Pending developer action.
Saddlebrook Subdivision / Wade Journey Homes	Improve PS4105 sewer capacity for the addition of 41 new homes	Complete	Complete	Complete	Complete May 2019	*	*	Pending developer action.
Coastal Club Apartments (link to Proj 904)	Improve PS4056 & 4059 for proposed 240 unit apt. complex 3061 Old Cypress Mill Rd.	Complete	Complete	Complete	Complete September 2019	*	*	30% design plans in progress.
Boomers Bakery (fmr. Pumpkin Patch) W& FM extension	Extend W&S from Friendly Exp #71 to 341; obtain easement	On hold				*	*	Pending developer action.

**BULL PEN (Proposed)**

Glynn County Village Storm Improvements- Phase II Opportunity project with Glynn County to replace/upgrade sections of W&S in common with areas of storm improvements.  
 JWSC 2020 SPLOST projects Proposed list under Staff/BOC review.



Project: Capital Projects Gantt C  
Date: Tue 10/15/19

Task		Summary		Inactive Milestone		Duration-only		Start-only		External Milestone		Baseline Milestone		Manual Progress	
Split		Project Summary		Inactive Summary		Manual Summary Rollup		Finish-only		Deadline		Baseline Summary			
Milestone		Inactive Task		Manual Task		Manual Summary		External Tasks		Baseline		Progress			