

# ENVIRONMENTAL REVIEW AND PLANNING DOCUMENT

for  
**CITY OF POOLER**



## **Savannah Quarters Lift Station and Force Main**

**JUNE 2021**

Prepared by



329 Commercial Drive • Savannah, Georgia 31406 • 912.354.4626 • [husseygaybell.com](http://husseygaybell.com)

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SAVANNAH • ATLANTA • CHARLESTON • COLUMBIA

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## Section 1 - Summary, Conclusions and Recommendations

### 1.1 - Summary

The project is located within the city limits of Pooler, Georgia in Chatham County, and the sewer will be owned, operated, and maintained by the City of Pooler. This project consists of a pump station and capacity upgrade for the Savannah Quarters master lift station (LS), a new 18-inch force main that will extent from the Savannah Quarters master LS to the Pooler Wastewater Treatment Plant. This lift station represents a portion of the sewer collection system for the southern service area of the City. The Savannah Quarters service area has experienced significant residential growth over the past years. The upgrades to the lift station and installation of the new force main is in anticipation of build-out wastewater flows for the service area. A project location map is displayed in **Figure 1.0**.

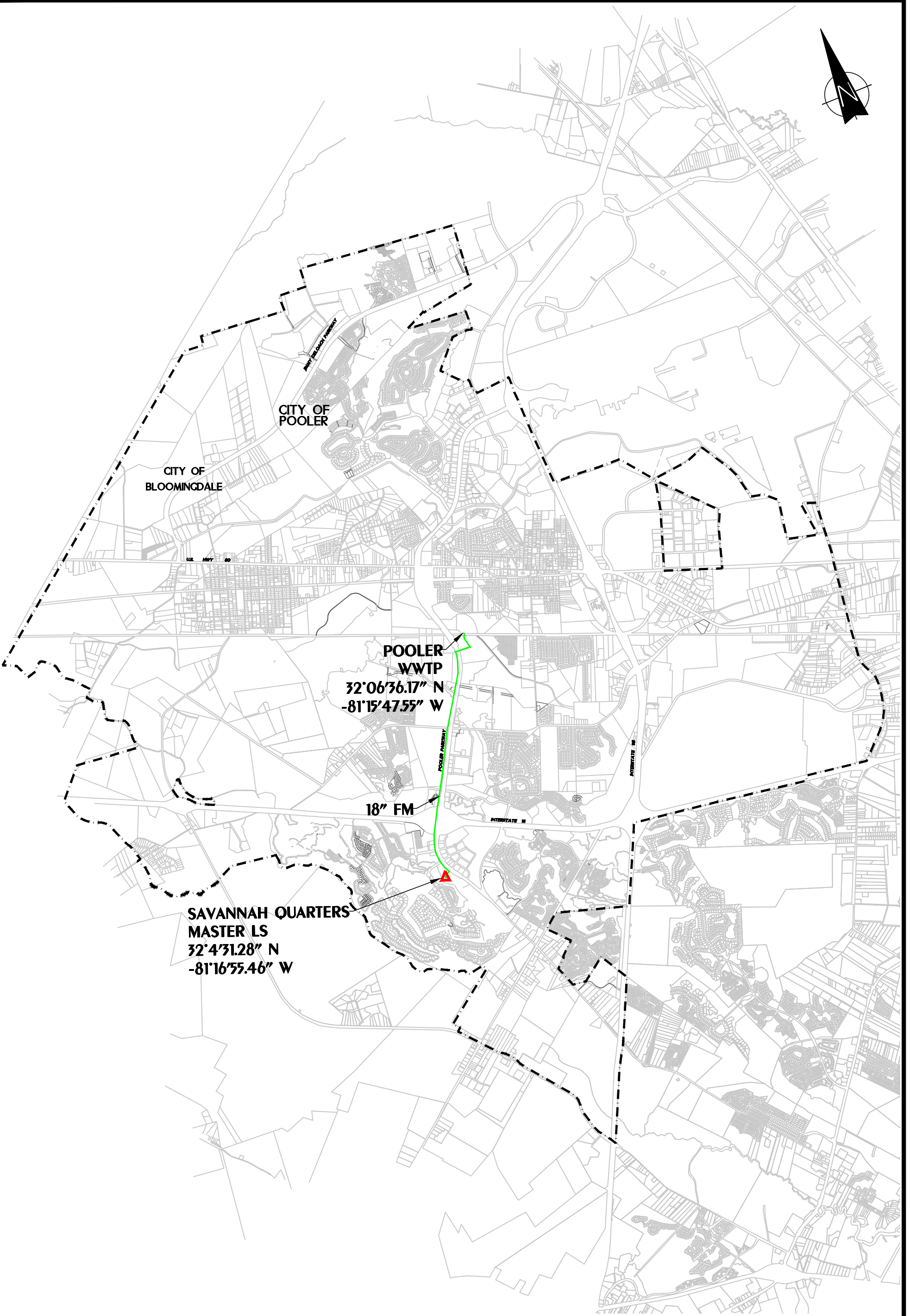
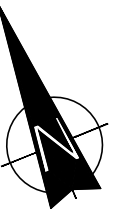
### 1.2 - Conclusions

Without upgrading the Savannah Quarters LS and installing a new 18-inch force main to the Pooler WWTP, the City of Pooler could experience capacity problems in its sewer collection system. Capacity problems could result in sewer spills, maintenance and operational problems, violation of permits, and ultimately the shut down or disconnect of customers from the sewer system.

### 1.3 - Recommendations

#### Savannah Quarters Lift Station

- Replace the existing 8' diameter duplex submersible pump station with a new 12' diameter triplex submersible station.
- Install approximately 15,000 LF of 18" force main.



SCALE: 1" = 5000'	JOB#: 119071998	DATE: JUNE 2021	<b>FIG-1.0</b>
<b>HUSSEY GAY BELL</b> <i>Established 1958</i>		<b>Savannah Quarters Master Pump Station Project Location Map City of Pooler, Georgia</b>	

## **Section 2 – Purpose and Need**

### **2.1 - Study Purpose**

The overall objective of the Environmental Review and Planning Document is to present the proposed upgrade of the Savannah Quarters Master LS and Force Main. The lift station requires additional storage and pump capacity. The force main will need to be paralleled or replaced for additional capacity.

This project does not extend sewer infrastructure outside of the City's current sewer service area.

### **2.2 - Project Need**

The southern region of the City of Pooler Sewer Service Area has experienced significant residential growth, and some industrial growth. The service area for the Savannah Quarters LS is shown on the Service Area Exhibit in Appendix A. The Buildout Average Daily Flow (ADF) of the Savannah Quarters LS service area is 1,753,230 gallons per day (GPD).

The pumping capacity of the existing lift station is 1,163 gallons per minute (gpm). The build out pumping capacity required based on a peaking factor of 2.7 is 3,287 gpm.

Therefore, an additional 2,000 gpm+ of additional pumping capacity is required to meet the service area needs.

The City of Pooler recently updated the projected build out wastewater flows for the entire service area up to 6.0 MGD Average Daily Flow (ADF) because of the increase in commercial development along the U.S. Interstate 95/Interstate 16 corridor and residential development throughout the service area.

## **Section 3 – Effluent Limitations**

This section is not applicable to the proposed project.

## **Section 4 – Existing Environment**

### **4.1 - Existing Conditions in the Planning Area**

Savannah Quarters is a residential neighborhood located southwest of the intersection of I-16 and Pooler Parkway in Chatham County. The Savannah Quarters LS is located south of Westbrook Ln. The lift station services the southern region of the Pooler WWTP service area. The new 18-inch force main will be installed within the Right-of-Way (ROW) of Pooler Parkway in the City of Pooler with multiple areas that require horizontal directional drilling. 18” FPVC force main will be bored underneath existing wetland areas, Interstate 16 (with 24” FPVC casing), Blue Moon Crossing, Lakeside Village, Pine Barren Road, Morgan Parkway, and the crossing of Pooler Parkway. A jack and bore of 110 LF with steel casing will be installed at the railroad crossing near the Pooler WWTP. The remainder of the 18” PVC force main will be installed via open cut to a minimum depth of 4 feet. The proposed force main will connect directly to the 24” influent force main located at the Pooler wastewater treatment plant.

### **4.2 - Infiltration and Inflow**

The Pooler WWTP has experienced an increase in the wastewater flow coming from the sewer system during excessive rain events and seasonally high groundwater levels. The City of Pooler has an ongoing program for identifying infiltration and inflow (I/I) and is making the necessary adjustments and repairs. The majority of the City’s I/I enters the system through older portions of the service area and not from within the Savannah Quarters Lift Station service area. Upgrading Savannah Quarters LS and installing a new force main will provide additional hydraulic capacity for conveyance of an I/I event should it occur in this service area.

## **Section 5 – Future Conditions**

### **5.1 - Planning Period**

The planning period for the proposed project is through 2040 and it is consistent with the Chatham County 1995 Facility Plan Amendment No. 5 and the current service delivery area plan.

The Pooler service area will provide a build out capacity of 6.0 MGD. The proposed project is consistent with the recommendations in the City of Pooler’s Sewer Master Plan.

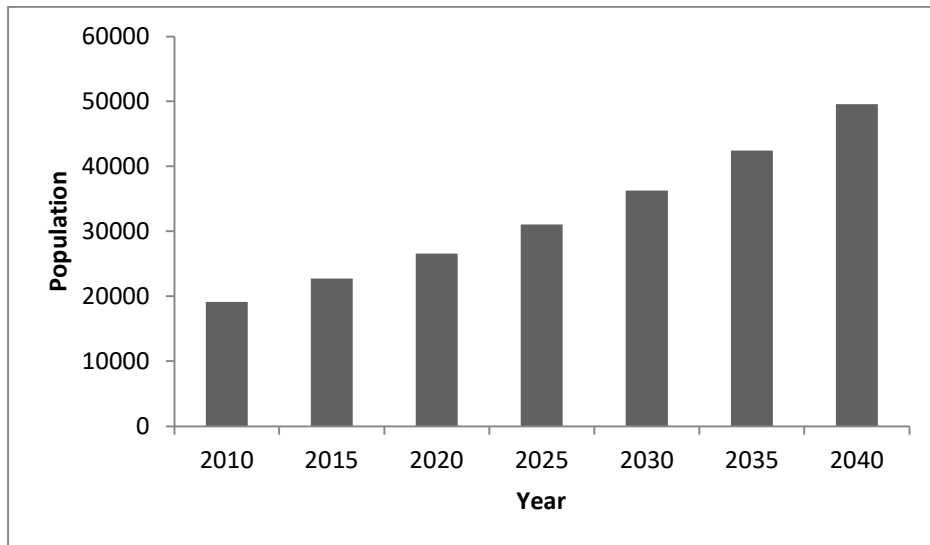
## 5.2 - Land Use Projections

Future land use was reviewed as part of the City’s 2013 Sewer Master Plan. The 2013 Master Plan identified the buildout sewer flows based on the City’s approved Planned Urban Developments (PUDs) and current zoning designations.

## 5.3 - Anticipated Population Increase

The projected population for the sewer service area is presented in **Figure 2.0**, which includes projected population throughout the year 2040.

**Figure 2.0** 2040 Projected Population - City of Pooler



## 5.4 - Industrial and Federal Facilities

Industrial developments within Pooler’s WWTP service area are planned to be located on the eastside of Interstate 95 and north of Jimmy Deloach Parkway. There are no industrial or federal facilities proposed within the Savannah Quarters Lift Station service area.

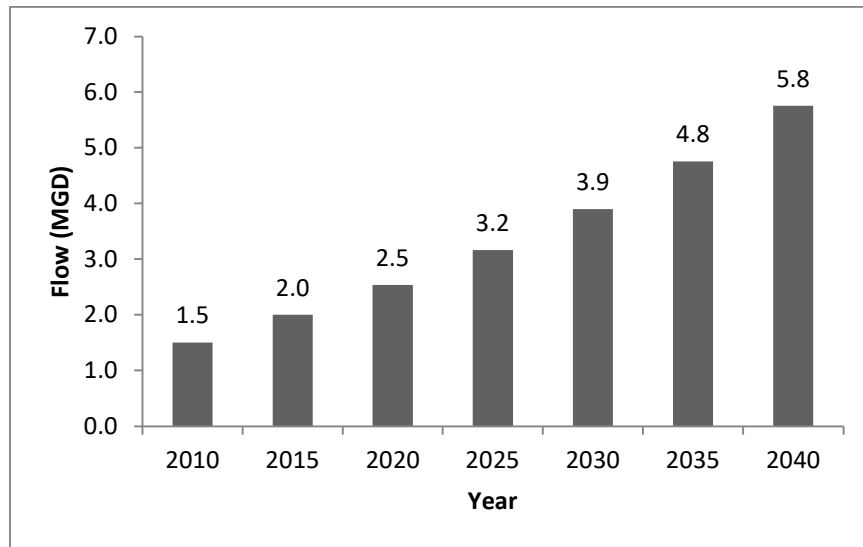
### 5.5 – Flow Reduction

Water conservation devices and practices are required in all new construction and renovation projects for the City of Pooler/Bloomingtondale, but the projected wastewater demand is significant and therefore flow reduction is not a reasonable alternative. The City of Pooler continuously incorporates measures to reduce I/I in their sewer collection system annually. The City of Pooler is a Water First community and is recognized for their water conservation efforts.

### 5.6 – Forecast of Flow and Wasteload

The buildout flow of the Savannah Quarters LS is 1,753,230 GPD. The Pooler WWTP service area, of which the Savannah Quarters LS contributes to, has an anticipated flow projection for the year 2040 of approximately 6.0 MGD. See **Figure 3.0** below.

**Figure 3.0** 2040 Projected Wastewater Flow - City of Pooler



### 5.7 - Reserve Capacity

As mentioned in Section 5.6, the current ADF of the Savannah Quarters LS is 1,753,320 GPD. The pumps were upgraded in 2005 to provide an ADF of 620,267 GPD. The new force main will allow for the buildout ADF of 1,753,230 GPD. There will be 65% spare pumping capacity

in the lift station based on the current pumping capacity of 1,163 gpm and the proposed design pump capacity of 3,280 gpm.

## **5.8 - Future Environment Without the Project**

Without the upgrade of the Savannah Quarters LS and installation of the proposed new force main, a southern portion of the Pooler WWTP service area would not be able to serve future residential and commercial developments due to the lack of capacity. An increase in capacity without making adjustments to the system, such as installation of a new force main and upgrade of pumps, could result in failure to maintain integrity of the current system. Failure of the current system in the form of leaks or force main breaks could result in sewage overflows and pose environmental threats.

## **Section 6 – Development of Alternatives**

### **6.1 - Flow Reduction**

Although water conservation devices and practices are required in all new construction and renovation projects for the City of Pooler, the projected wastewater demand is significant and therefore flow reduction is not considered a reasonable alternative.

### **6.2 - Optimum Performance of Existing Facilities**

The existing pump station and force main have reached their maximum capacity based on the existing size and depth of the wet well and the force main diameter. Additional flow to the system will not allow for adequate cycling of the pumps and too high of operating pressures in the existing force main. Minor operating changes are possible but would not meet the build out flow requirements for the service area.

### **6.3 - Conventional Sewers**

The City plans to continue with conventional sewer type construction because of its reliability. The proposed project is adding additional capacity to the existing collection system using conventional sewers and pump stations based on the existing topography and groundwater elevation.

## **6.4 - Alternative Conveyance Systems**

Alternative conveyance systems such as vacuum, low pressure or grinder pump systems are not appropriate for the proposed build out flow at the Savannah Quarters Master Pump Station nor will they efficiently convey this volume of wastewater over 15,000 LF to the wastewater treatment plant. The existing submersible pump station and force main have worked well for the application to date.

## **6.5 – Identification of Principal Alternatives**

Full evaluation of the existing infrastructure and the surrounding environmental conditions has led to the development of three potential alternatives:

- 1) Do Nothing
- 2) Add a parallel 12” force main adjacent to the existing 12” force main with the exception of a single new 18” force main under I-16 and make the required upgrades to the Savannah Quarters Master LS.
- 3) Replace the existing force main with a new 18-inch force main and make the required upgrades to the Savannah Quarters LS.

Alternative 1, a “do nothing” approach, would result in a sewer system that cannot provide buildout capacity to the growth within the service area. Alternative 2 would be sufficient for providing capacity needed for buildout flows, but due to the age of the existing 12” force main it can be expected that there may be pinholes or other occurrences along the length of the pipeline. Integrity of the existing 12” line was considered when making the decision to install one (1) new 18” force main rather than parallel the existing 12” force main with an additional 12” force main.

## **Section 7 – Evaluation of Principal Alternatives**

### **7.1 – Monetary Evaluation**

a. Sunk Costs

Sunk costs of the chosen alternative would include the existing lift station site, wet well, valve pit, electrical configuration, and pumps; along with the existing wetwell piping and 12-inch force main.

b. Present Worth

A present worth analysis was conducted for the selected project using construction costs and recurring costs in the form of utilities and operation and maintenance (Appendix C). A facility life of twenty years and interest rate of 2.25 percent were assumed to yield a present worth of 6.6 million dollars. Details of the performed present worth analysis can be found in Appendix D.

c. Useful Life

The useful life of the upgraded lift station equipment is typically limited to 20 years, provided good maintenance.

d. Escalation

Work is anticipated to take less than one year and project design is complete, therefore, escalation is not considered a factor in this project.

e. Interest during Construction

Work is anticipated to take less than one year; therefore, interest during construction is not a considered factor in this project.

f. Staging of Construction

All construction work will be done on existing the lift station site, within the Pooler Parkway Right-of-Way, and within existing utility easements.

g. User Costs

The City does not anticipate a sewer rate increase to its customers for this project.

## **7.2 – Engineering Evaluation**

a. Reliability

The chosen alternative, as evaluated, will meet the EPA Reliability requirements for redundancy. However, a “No Action Alternative” would not meet the reliability requirements.

b. Energy Use

Upgrading the size of the force main and pumps will result in additional energy use in return for the added hydraulic capacity. The new pumps will be operated using variable frequency drives to reduce the energy demand.

c. Process Complexity

Upgrading the existing lift station equipment and force main will result in an adequate system for the expected buildout flows of the associated service area. Alternatively, repairing the existing force main that is subject to potential failure due to age would increase the complexity of the project when considering leak analysis and repair procedures. The pump station is an existing duplex station and will be upgraded to a new triplex station operating with new pumps. The existing wetwell will be converted to a receiving manhole, and a new wetwell will be constructed to house the new pumps.

## **7.3 - Environmental Impacts**

The selected plan is expected to enhance environmental conditions in the City of Pooler. The proposed Savannah Quarters LS upgrade and associated force main installation will minimize the potential for wastewater bypasses associated with domestic flow and I/I.

**Table 1.0** - Environmental Checklist, next sheet.

ENVIRONMENTAL CHECKLIST	IS AREA AFFECTED?			IF AFFECTED, HOW SEVERE?			
	NO	YES	UNKNOWN	MINOR	MEDIAN	MAJOR	UNKNOWN
1. Wetlands	x						
2. Flood Plain/River Corridor	x						
3. Water Supply	x						
4. Water Resources	x						
5. Groundwater Recharge Area	x						
6. Storm Water	x						
7. Wastewater		x		x			
8. Air Quality	x						
9. Solid Wastes	x						
10. Soil Stability/Erodibility		x		x			
11. Protected Mountains	x						
12. Protected Species	x						
13. Critical Habitats	x						
14. Historical	x						
15. Archeology	x						
16. Parks/Recreation	x						
17. Energy Supplies	x						
18. Beaches	x						
19. Dunes	x						
20. Shoreline	x						
21. Estuary	x						
22. Forest Land	x						
23. Barrier Island	x						

ENVIRONMENTAL CHECKLIST	IS AREA AFFECTED?			IF AFFECTED, HOW SEVERE?			
	NO	YES	UNKNOWN	MINOR	MEDIAN	MAJOR	UNKNOWN
24. Aquatic Life/Trout Streams	x						
25. Noise	x						
26. Farm Land	x						
27. Site Safety	x						
28. Energy Use		x		x			
29. Water Conservation	x						
30. Coastal Zone Management Area	x						
31. Water Withdrawal	x						
32. System Operation		x			x		
33 Wastewater Load	x						

**Comparison with “No Action” Alternative**

A no action response will result in potential adverse environmental impact, because of a combination of the significant growth within the service area and the aging condition of the existing infrastructure. The proposed plan will increase the capacity of the Savannah Quarters lift station, which will decrease the potential for sewage backup.

**1. Wetlands Protection**

The proposed pump station installation is not within wetlands. The portions of the force main that are required to be installed across wetlands will be installed by directional bore to not impact existing wetlands.

**2. Floodplain/River Corridor**

The proposed pump station and force main installation is not within floodplain or river corridors.

### **3. Water Supply and Quality**

The lift station and new force main will act as conveyance to the Pooler WWTP which will produce an alternative water supply for non-potable uses. This will indirectly increase the amount of drinking water available for potable use.

### **4. Water Resources, Wild and Scenic Rivers**

There are no wild and scenic rivers within the Savannah Quarters master LS service area.

### **5. Groundwater Recharge Area**

There are no groundwater recharge areas in the project area.

### **6. Storm Water**

The project will not increase the amount of storm water runoff for the downstream property owners.

### **7. Wastewater**

The project will upgrade the hydraulic capacity of the sewer system. This will result in more flow being directed to the City's wastewater treatment plant.

### **8. Air Quality**

The proposed lift station and force main modifications will not significantly change existing emission rates.

### **9. Solid Waste Disposal**

The lift stations and force mains are a means of conveyance, in which case no solid waste will be handled or disposed of until reaching the end destination, the City of Pooler WWTP.

### **10. Soil Stability/Erodibility**

Erosion and sedimentation laws will be followed. No increase in erosion and sedimentation will occur within this project. During construction the appropriate erosion and

sedimentation measures will be taken concerning disturbed land, and stabilized with grassing following construction.

#### **11. Protected Mountains**

The project will not involve the alteration of land with high elevations or steep slopes.

#### **12. Protected Species**

The proposed area for the project is within land currently used by the City of Pooler and road rights of ways; consequently, no impacts to endangered species are anticipated. No clearing is required for this project.

#### **13. Critical Habitats**

The proposed area for the lift station upgrade and force main installation will not impact U.S. Forest Lands, Wildlife Refugees, Wilderness Areas, or Wild or Scenic Rivers.

#### **14. Historic Properties**

The project will not impact any designated historic areas or properties.

#### **15. Archeological**

The lift station and force main modifications are to be installed in previously impacted areas along public rights of ways and will not disturb any known archeological properties.

#### **16. Parks/Recreation**

The proposed project will not have a significant impact on the State's cultural resources.

#### **17. Energy Supplies**

The lift station upgrade will not have a significant reduction in the available energy supplies.

#### **18. Beaches**

The proposed project site is not located within beach areas.

#### **19. Dunes**

The proposed project site is not located within dune areas.

**20. Shoreline**

The project is not located near shoreline areas or river corridors with protection requirements.

**21. Coastal Marshlands**

The project is not located near saltwater marshes.

**22. Forest Land**

The project is located within areas such as urban corridor and will not disturb forest land.

**23. Barrier Island**

The project is not located near or on a barrier island.

**24. Aquatic Life/Trout Streams**

The proposed force main does not discharge to a designated trout stream.

**25. Noise**

The proposed lift station modifications will not add significant noise from process units or equipment.

**26. Farmland Protection**

No farmlands exist in or around the proposed site.

**27. Site Safety**

The project is isolated from residencies therefore will not negatively impact safety of the workforce or surrounding residents. All activities associated with this project will be performed in compliance of all safety and environmental laws.

**28. Energy Use**

The new lift station pumps will have a higher horsepower than the existing pumps and will use more energy. The new pumps will operate using variable frequency drives to reduce energy consumption for the project.

### **29. Water Conservation**

This project will not adversely impact water conservation.

### **30. Coastal Areas**

No impact to the coastal areas will be experienced.

### **31. Water Withdraw**

The proposed project will not increase water withdraw in the area.

### **32. System Operations**

The proposed project will utilize existing operation permits. The system will have an increase in hydraulic capacity and may require more operation and maintenance. This impact is considered a minor one.

### **33. Wastewater Load**

The proposed LS upgrade and new force main will be adequate to handle the additional wastewater loading up to 1,753,230 GPD of which will contribute to the total service area buildout flow of 6.0 MGD of Average Daily Flow (ADF).

### **34. Cross Connection Control Program**

The project will be designed following the rules and regulations of the City's and EPD's cross connection control policies.

### **35. Environmental Justice**

The project will not significantly impact minority and/or low-income populations, nevertheless a public meeting would be held to discuss the Environmental Review and Planning Document. Maps depicting the EPA's "EJ Screen" index of people of color

populations and low-income populations in relation to the proposed project vicinity can be found in Appendix E.

#### **7.4 - Public Involvement**

A public meeting will be held to discuss this document. The public notice is attached in Appendix F.

#### **7.5 – Implementability**

The City already owns and operates the existing lift station and force main. The project can be readily installed and operated by City staff.

#### **7.6 - Plan Selection**

Based on the potential environmental impact from the no action alternative or paralleling the existing force main, it is recommended that a full replacement of the force main and pumps be selected.

### **Section 8 – Selected Plan Description**

#### **8.1 – Relevant Design Parameters**

Design parameters of the chosen plan, which is to upgrade the Savannah Quarters lift station and install a new 18-inch force main, include: Current ADF, Buildout ADF, existing conditions of the lift station and environmental conditions of the proposed force main site.

#### **8.2 – Financial and Managerial Capability**

##### **a. Cost Information**

A thorough evaluation of costs of the selected plan can be found in Appendix B, titled “Estimate of Probable Construction Cost”. The costs evaluated include materials, site conditioning, and construction.

##### **b. Financial Capability Demonstrations**

The City of Pooler will fund this expansion with a combination of low interest loans and operating revenue from the sewer system.

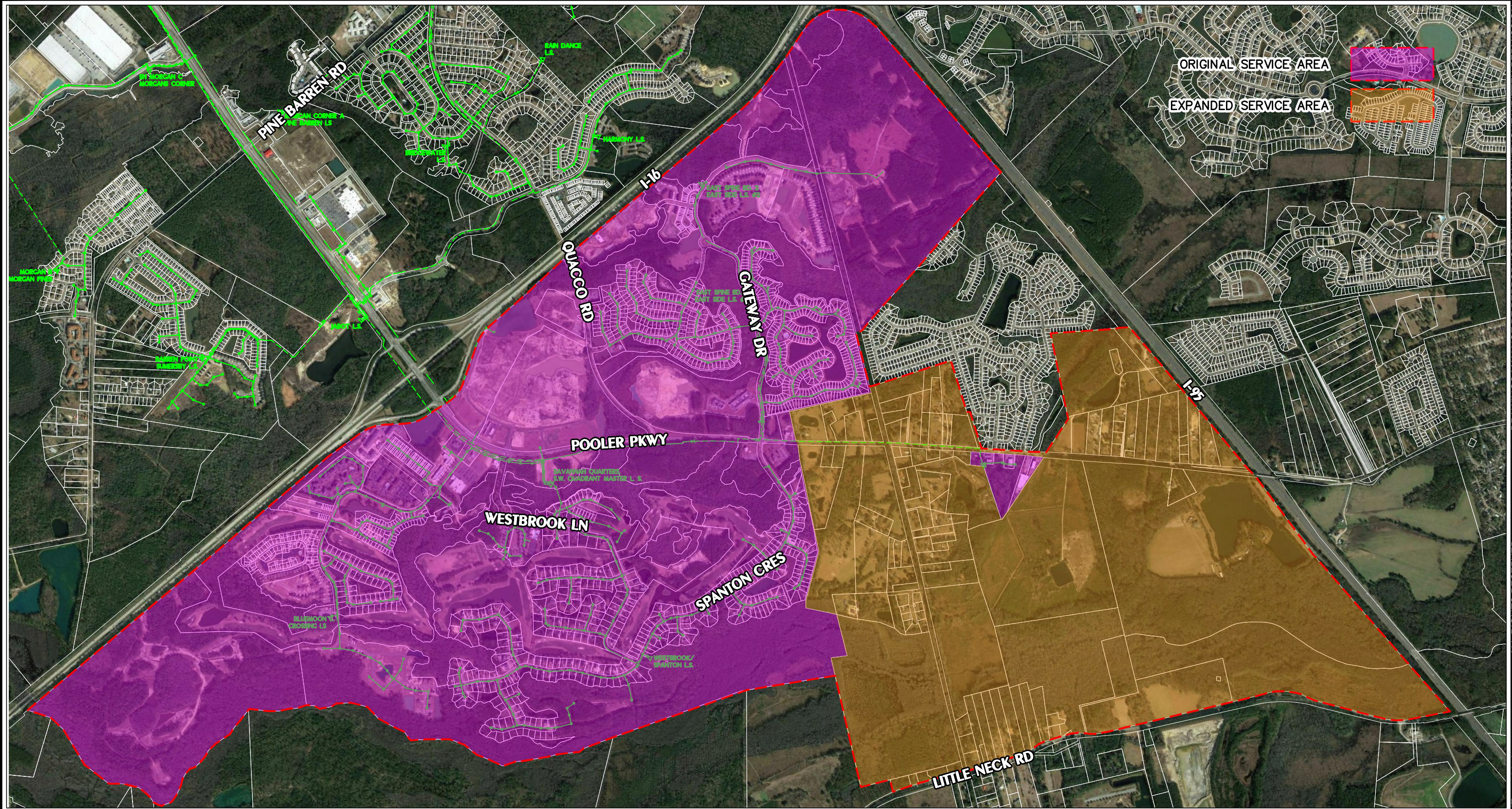
**c. Capital Financing Plan**

The estimated project cost in 2021 dollars is \$6.6 million. It is anticipated that the City of Pooler will apply for a loan in the amount of \$6.6 million from GEFA under the Clean Water SRF program.

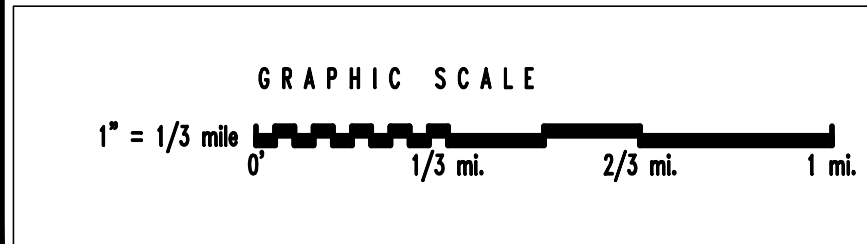
The City of Pooler will repay the SRF loan through its existing rate structure.

# **APPENDIX A**

## Service Area Exhibit



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**SAVANNAH QUARTERS MASTER LS**  
 SERVICE AREA EXHIBIT  
 POOLER, GEORGIA

DATE: OCTOBER 30, 2019

SCALE: 1" = 1/3 MILE

**HUSSEY GAY BELL**  
*Established 1958*

329 COMMERCIAL DRIVE, SAVANNAH, GA 31406 / T:912.354.4626



REVISIONS:	
SHEET:	
1	OF 1

# **APPENDIX B**

## Estimate of Probable Construction Cost

SAVANNAH QUARTERS MASTER LIFT STATION UPGRADE					
Item No.	Description	Qty	Unit	Unit Cost	Total Cost
1	18-inch C900 DR21 PVC Force Main installed by Open-Cut	7442	LF	\$ 81.00	\$ 602,802.00
2	18-inch C900 DR21 RJ PVC Force Main installed by Open-Cut	1127	LF	\$ 104.00	\$ 117,208.00
3	18-inch C900 DR21 FPVC Force Main installed by HDD	4780	LF	\$ 257.00	\$ 1,228,460.00
4	18-inch C900 DR21 FPVC Force Main installed in 24-inch C900 DR21 FPVC Casing by HDD	1500	LF	\$ 558.00	\$ 837,000.00
5	18-inch C900 DR21 FPVC Force Main installed in 24-inch Steel Casing installed by Jack and Bore	110	LF	\$ 650.00	\$ 71,500.00
6	Master Lift Station- Triplex 110 HP Pumps with Valve and Skid-Mounted Bypass Pump, Electrical Building, Emergency Generator and all Electrical Work	1	LS	\$ 2,000,000.00	\$ 2,000,000.00
Fittings					
Item No.	Description	Qty	Unit	Unit Cost	Total Cost
7	18-inch RJ 45° Bend	19	EA	\$ 3,067.00	\$ 58,273.00
8	18-inch RJ 11.25° Bend	18	EA	\$ 3,168.00	\$ 57,024.00
9	24-inch X 18-inch RJ Tapping Sleeve	1	EA	\$ 38,000.00	\$ 38,000.00
10	2-inch Air release valves and Manhole	11	EA	\$ 18,000.00	\$ 198,000.00
11	18-inch RJ Plug Valve in Manhole	1	EA	\$ 28,000.00	\$ 28,000.00
Erosion, Sedimentation and Mulching					
Item No.	Description	Qty	Unit	Unit Cost	Total Cost
12	Grassing, Fertilizing and Mulching	18518	SY	\$ 1.20	\$ 22,221.60
13	Construction Entrance/Exit	2	EA	\$ 3,200.00	\$ 6,400.00
14	Silt Fence: Sd1-S	2378	LF	\$ 2.60	\$ 6,182.80
15	Silt Fence: Sd1-NS	15750	LF	\$ 1.60	\$ 25,200.00
16	Traffic Control	1	LS	\$ 50,000.00	\$ 50,000.00
17	Remove and Replace Unsuitable Material, Dispose off-site. Replace with Approved Off-Site Fill Material	250	SQ	\$ 50.00	\$ 12,500.00
18	Clearing and Grubbing	1	LS	\$ 25,000.00	\$ 25,000.00
19	Grading, Spreading/Disposal of Excess Excavated Material, Remove and Replace Signs, Remove and Replace Monuments, Tree Protection, Mobilization; Clean-Up, Insurance, Bonds and Other Miscellaneous Items not Specifically Listed but Necessary for a Complete Job.	1	LS	\$ 150,000.00	\$ 150,000.00
SUBTOTAL					\$ 5,533,771.40
CONTINGENCY 20%					\$ 1,106,754.28
TOTAL					\$ 6,640,525.68

# **APPENDIX C**

## Estimated Annual Operation & Maintenance Cost

**Recurring Costs -Savannah Quarters LS & FM**

Operation and Maintenance		
	Sav Qtrs FM	\$59,836.00
Utilities		
	Sav Qtrs LS	\$25,731.00
Total		\$85,567.00

\*O&M Cost includes labor and is based on \$4.00/LF of FM

\*Utilities cost is based on pump hp, runtime data, and \$/kW

# **APPENDIX D**

## Present Worth Analysis of the Selected Alternative

Savannah Quarters Master LS - ERPD

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Costs incurred in the present year	C <sub>0</sub>	\$	6,640,525.68
Costs incurred annually	C	\$	85,567.00
Life of the Facility	n		20 years
Interest Rate	r		2.25 %
<b>PV</b>		<b>\$</b>	<b>6,670,583.63</b>

$$PV = C_0 + C \left[ \frac{(1+r)^n - 1}{r(1+r)^n} \right]$$

Where:

PV = Present value of costs

C<sub>0</sub> = Costs incurred in the present year = Capital costs

C = Costs incurred annually = Recurring costs

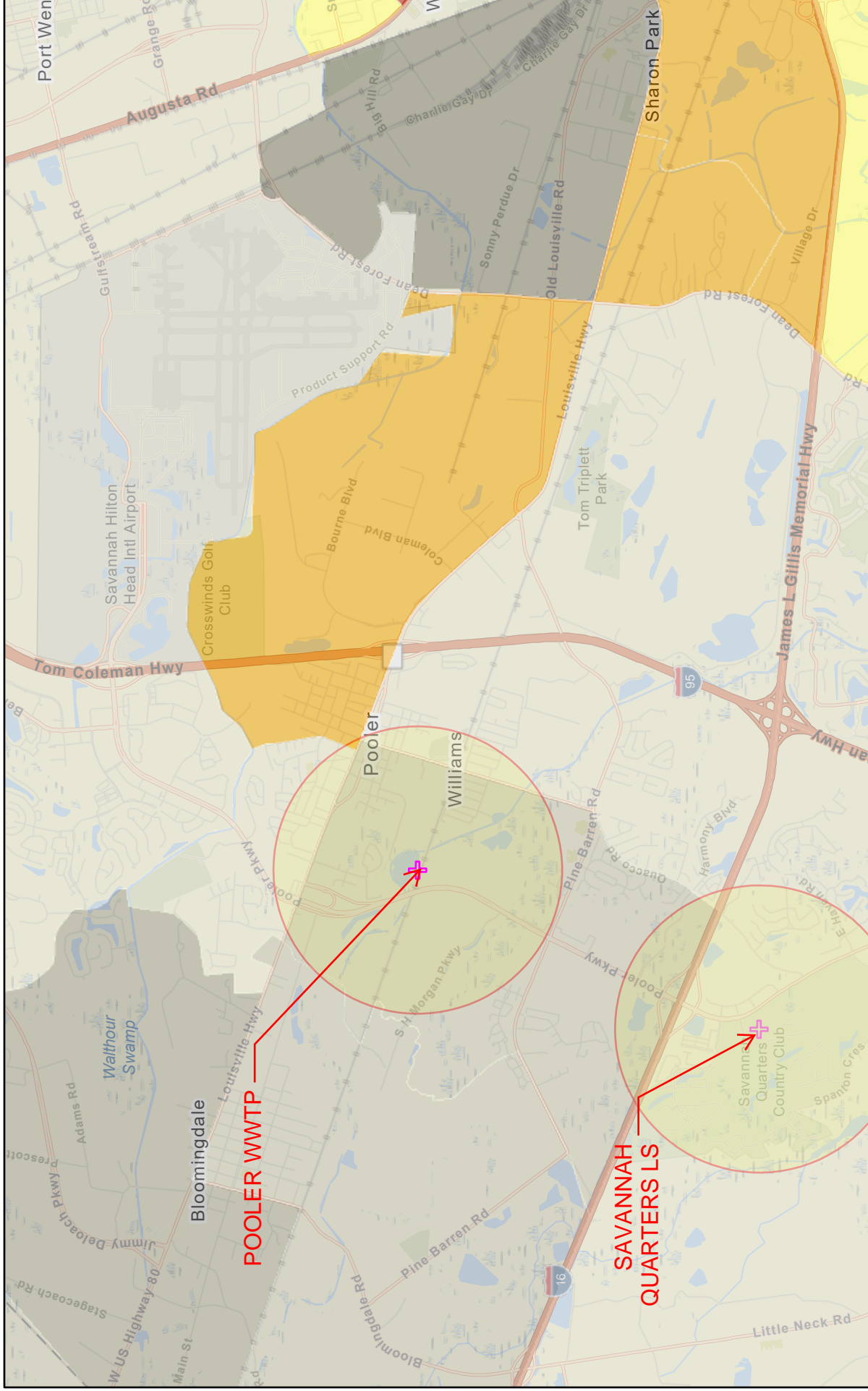
n = Life of the facility = Typically 20 years

r = Interest rate dependent on the type of debt instrument to be used

# **APPENDIX E**

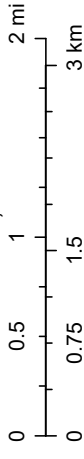
## Environmental Justice Screening: Low Income and People of Color Populations

# Low Income Populations



6/7/2021

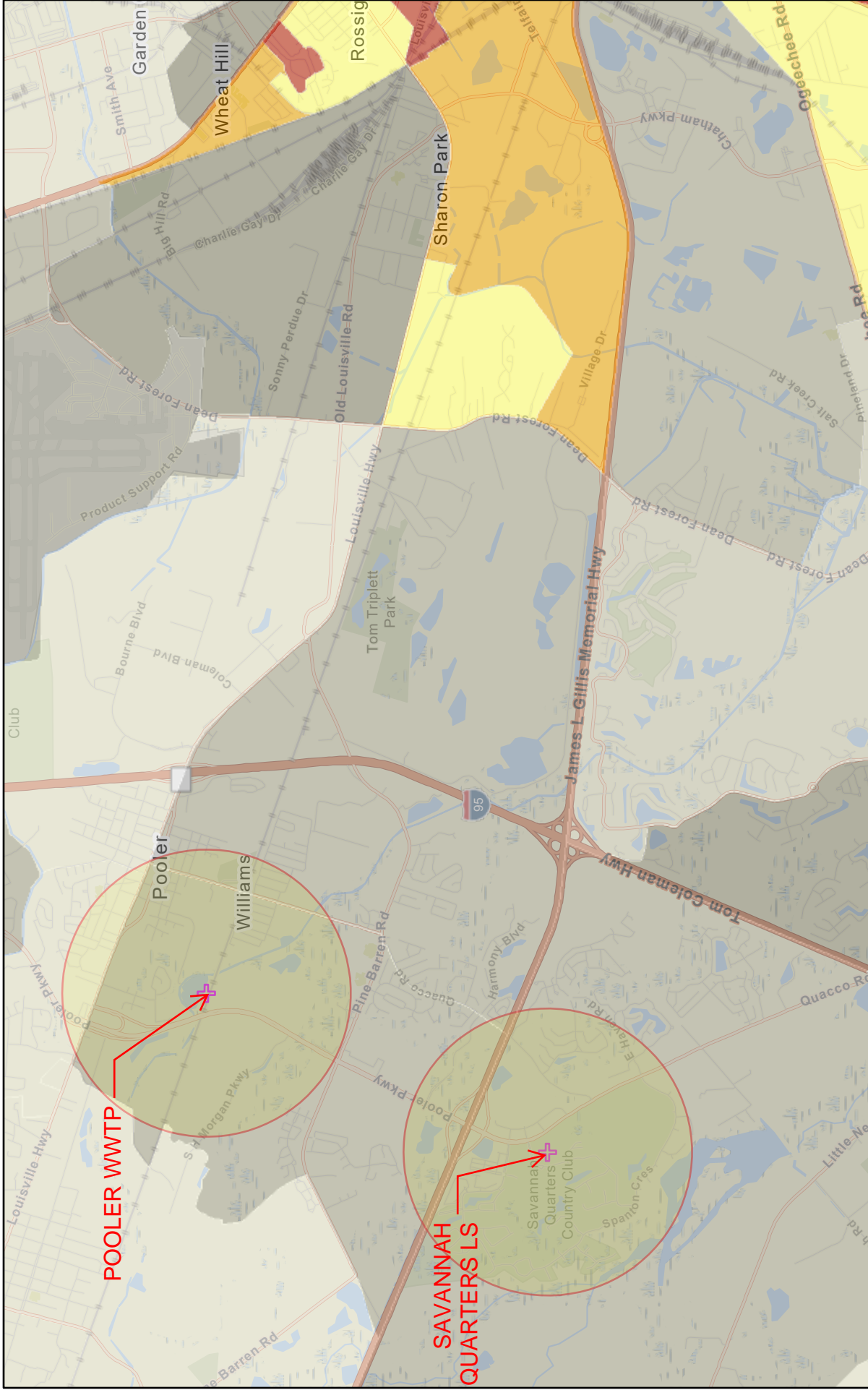
1:72,224



- + Pooler WWTP
- Less than 50 percentile
- 50 -60 percentile
- 60 -70 percentile
- 70 -80 percentile
- 80 -90 percentile
- 90 -95 percentile
- 95 - 100 percentile
- + Savannah Quarters LS
- Data not available

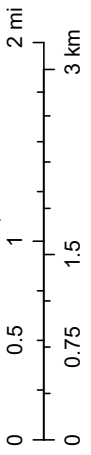
Sources: Esri, HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

# People of Color Populations



6/7/2021

1:72,224



- EJSCREEN\_Indexes
- Data not available
- Less than 50 percentile
- 50 -60 percentile
- 60 -70 percentile
- 70 -80 percentile
- 80 - 90 percentile
- 90 - 95 percentile
- 95 - 100 percentile
- Pooler WWTP
- Savannah Quarters LS

Sources: Esri, HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

# **APPENDIX F**

## **PUBLIC NOTICE MEETING**

## **PUBLIC MEETING**

The City of Pooler hereby gives notice that a public meeting will be held to discuss a wastewater improvement project funded by Georgia's Clean Water State Revolving Fund (CWSF) on July 20, 2021 at 5:00 PM in the Pooler City Hall located at 100 SW Highway 80, Pooler, Georgia 31322.

The proposed project consists of the Savannah Quarters Master Lift Station upgrade and 18-inch sanitary sewer force main to the City of Pooler Wastewater Treatment Plant.

The purposes of the public meeting are to:

1. Inform the public of the need for improvements to the City's wastewater system.
2. To comply with Section 391-3-6-.02 of Georgia's Water Quality Control Rules (and amendments thereto).
3. To encourage public involvement in the development of a plan to improve the wastewater system.

During the public meeting the City will attempt to identify public preferences for alternative methods of replacement and capacity upgrade of the force main and pump station. These alternatives are evaluated and included in the City's Environmental Review and Planning Document (ERPD). The ERPD is available for public inspection through the date of the public meeting at City Hall during normal business hours.

Your participation is encouraged and considered essential to the selection and development of the final plan to be adopted prior to its approval by the State of Georgia, Department of Natural Resources.

For additional information, contact Jennifer Oetgen, HUSSEY GAY BELL at 912-354-4626 or [joetgen@husseygaybell.com](mailto:joetgen@husseygaybell.com).