

**City of Pooler
Planning Retreat**

AGENDA

February 14, 2018
2:00 p.m. - The Whitley Hotel

Opening Remarks - Mayor/City Manager

City Engineer - see attached

EOM - update on sewer/wastewater

Integrated Science & Engineering - stormwater utility

Public Safety

- Police department update
- Fire department update

Executive Session - to discuss personnel, legal and real estate matters

February 14, 2018

MINUTES

A planning retreat was held on February 14, 2018 at The Whitley Hotel, Atlanta, GA at 2:00 p.m. Present were Mayor Mike Lamb, Councilwoman Rebecca Benton, Councilwoman Shannon Black, Councilman Ashley Brown, Councilman Mike Royal and Councilman Stevie Wall. City Manager Robbie Byrd, Interim Police Chief Jim Ward, Assistant City Manager/Public Works Director Matt Saxon, City Attorney Steve Scheer and City Engineer Holmes Bell were also present.

Mr Byrd gave the opening remarks.

Jennifer Oetgen and Holmes Bell, engineers with Hussey Gay Bell, presented information on the upgrade for the wastewater treatment plant project. Mr. Bell presented information on the water and sewer projects/infrastructure as well as ongoing and future roadway projects.

EOM presented an update of the sewer and wastewater departments, since their contract began on February 1st.

Integrated Science and Engineering presented information regarding a stormwater utility grant being applied for by the City.

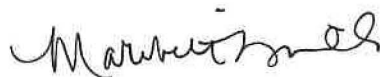
The following was discussed:

PUBLIC SAFETY

- Interim Chief Ward presented yearly statistics for the police department.
- Chief Simmons presented yearly statistics for the fire department.

The retreat was closed to go into Executive Session to discuss personnel, legal and real estate matters at approximately 3:43 p.m. and the retreat ended at approximately 3:59 p.m.

Respectfully submitted,



Maribeth Lindler
City Clerk

STATE OF GEORGIA)

COUNTY OF CHATHAM)

AFFIDAVIT

Before an officer duly authorized to administer oaths appeared Michael F. Lamb, who, after being duly sworn, deposes and on oath states the following:

- (1) I am competent to make this Affidavit and have personal knowledge of the matters set forth herein.
- (2) Pursuant to my duties as Mayor, I was the presiding officer of a meeting of the Pooler City Council held on the 14th day of Feb, 2018. A portion of said meeting was closed to the public.
- (3) It is my understanding that O.C.G.A. § 50-14-4(b) provides as follows:
When any meeting of an agency is closed to the public pursuant to subsection (a) of this Code section, the person presiding over such meeting or, if the agency's policy so provides, each member of the governing body of the agency attending such meeting, shall execute and file with the official minutes of the meeting a notarized affidavit stating under oath that the subject matter of the meeting or the closed portion thereof was devoted to matters within the exceptions provided by law and identifying the specific relevant exception.
- (4) The subject matter of said meeting, or the closed portion thereof, was devoted to matters within exceptions to public disclosure provided by law. Those specific relevant exceptions are identified as follows:
 - D. Meeting to discuss or vote to enter into a contract to purchase, dispose of, or lease property subject to approval in a subsequent public vote as provided in Georgia Code section 50-14-3(b)(1)(D).
 - F. Meeting to discuss or deliberate upon the appointment, employment, compensation, hiring, disciplinary action or dismissal, or periodic evaluation or rating of a public officer or employee as provided in Georgia Code section 50-14-3(b)(2).
 - H. Pursuant to the attorney-client privilege and as provided by Georgia Code section 50-14-2(1), a meeting otherwise required to be open was closed to the public in order to consult and meet with legal counsel pertaining to pending or potential litigation, settlement, claims, administrative proceedings, or other judicial actions brought by or against the agency or any officer or employee or in which the agency or any officer or employee may be directly involved and the matter discussed was _____.

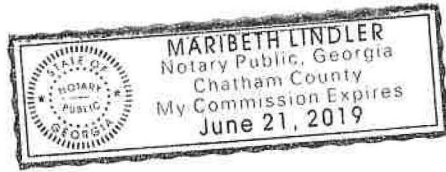
This Affidavit is executed for the purpose of complying with the mandate of O.C.G.A. § 50-14-4(b) and is to be filed with the official minutes for the aforementioned meeting.

This 14th day of Feb., 2018.

Michael F. Lamb
Michael F. Lamb

Sworn to and subscribed before me
this 14th day of Feb., 2018.

Maribeth Lindler
Notary Public



POOLER CITY COUNCIL WORKSHOP

ENGINEERING AGENDA FEBRUARY 14, 2018

I. WASTEWATER TREATMENT PLANT

A. WWTP Upgrade 2.5 MGD to 3.3 MGD

1. Construction complete except for punch list items
2. Total construction cost \$5,150,000
3. Current plant flow 2.3 MGD
4. Capacity fee increase from \$4.40/gallon to \$6.40/gallon or more

B. WWTP Permitting for 6.0 MGD Expansion

1. Draft Wasteload Allocation (WLA) received from EPD.
2. Permitting items necessary for expansion of the plant:
 - Antidegradation Review
 - Environmental Review and Planning Document
 - Design Development Report
 - NPDES Permit Application
 - Complete in 2018 and evaluate flows in 2019

C. Bloomingdale

1. Current Allowable Capacity 300,000 GPD
2. Average approximately 170,000 GPD
3. Potential request from Bloomingdale for more capacity to service some expected growth.

II. DRAINAGE, WATER AND SEWER SYSTEM IMPROVEMENTS/UPGRADES

Drainage

Quacco Road Culvert Upgrade: Topographic survey is complete and design is underway. Chatham County has completed their initial culvert sizing and drainage modeling and is working on final analysis following review by Pooler, expected by February 16th. Plans should be complete and available for final review by Pooler March 2nd with project going out to bid on March 12th and construction start in late April.

Old Town Drainage Improvements: Surveying is substantially complete on Quadrants "A" and "B" with Quadrant "C" being 80% complete and Quadrant "D" pending. Estimated completion for Quadrant "C" is March 16th. Design is underway on Project "A" which is an area north of Highway 80 and roughly from Newton Street eastward to Moore Avenue. Plans should be complete and available for final review by Pooler March 2nd with project going out to bid on March 12th and construction start in late April.

Sewer

A. Town Lake and Benton Boulevard Lift Station and Force Main Improvements

1. Design of project is complete
2. Project has been submitted for permitting
3. Project is ready for advertisement for bid
4. Project is to be funded by a GEFA GA Fund Loan

B. I/I Reduction

Develop an annual find and fix contract for removal of inflow and infiltration (I/I) from areas of the gravity collection system. (Annual Budget)

C. Hunter's Ridge Sewer Treatment

1. HGB evaluated the existing and future flows for this development and how best to direct this sewer flow into the City's collection system.
2. HGB recommended that the sewer flow be pumped to the City's Pooler Middle School Lift Station.
3. An update of the Middle School Lift Station would be required.
4. Waiting on response from M. Smith.

Water

A. Lower and Upper Floridan Well Capacity

1. All wells operating well, current permit capacity is as follows:

0.324 MGD annual average from Upper Floridan Aquifer

1.130 MGD annual average from Lower Floridan Aquifer

1.454 MGD annual average capacity

2. Georgia EPD planning to cut 16 MGD Total for Red and Yellow Zones:

15 MGD in the Red Zone – 10 MGD by 2020 and 15 MGD by 2025

1 MGD in the Yellow Zone by 2025

- a. **0.763** million gallons per day (mgd) monthly average and annual average in accordance with the following permit limit schedule:

0.324 mgd	Existing annual average	Valid through Dec 31, 2019;
0.280 mgd	2020 annual average	Valid Jan 1, 2020 through Dec 31, 2024;
0.253 mgd	2025 annual average	Valid commencing Jan 1, 2025.

- b. **1.130** million gallons per day (mgd) monthly average and annual average in accordance with the following permit limit schedule:

1.130 mgd	Existing annual average	Valid through Dec 31, 2019;
0.976 mgd	2020 annual average	Valid Jan 1, 2020 through Dec 31, 2024;
0.880 mgd	2025 annual average	Valid commencing Jan 1, 2025.

3. **City of Tybee Island Cretaceous Aquifer Well:**

Tybee Well has been drilled and installed to a depth of 4,000 LF. There was a collapse of approximately 200 LF of casing at a depth of approximately 3,000 feet. The well has been capped and is not in use at this time.

B. Well #1 Well House

Construction has been complete and this station is online.

C. Harmony Water Line Loop

Assist the City to evaluate the best alternatives for providing a second water feed to the northwest corner of Interstate 95 and Interstate 16. There is additional development proposed for the Harmony development which will require a second water feed either from the south (under I-16) or from the north (Pine Barren to Quacco Road). The alternative will need to be selected, designed and constructed. A capital cost recovery fee made need to be established depending on the route selected.

D. Valve Stations – Optimization

The Jimmy DeLoach Parkway valve station has been opened to allow for increased pressure in the water line between Nordic and the Morgan Lake Industrial park. The City of Savannah’s surface water system is providing additional pressure in the 16” water line to ensure adequate fire protection. (Jimmy DeLoach Water Tower – will need to look into water tower due to fire protection in warehouse)

E. Potable Water Resource Study

Assist the City to review options for alternative sources of potable water. City may seek grant.

F. YMCA/GBI

GBI site plan has now been completed and this water line loop should be designed and constructed for adequate fire flow and pressure.

III. CONCEPT PLANS

- A. **Highway 80 Frontage Road (Sheftall to Skinner):** Initial phase road project for Old Town Improvements will commence with surveying complete by Feb 5th and a conceptual layout by Feb 12th for review by the City. Upon concept approval, design plans will proceed with schedule dependent upon the extent, if any, of GDOT review and permitting required.

- B. Intersection of Pine Barren Road and S. Rogers**
- C. Quacco Road (potential 4 lane and overpass upgrade)**
- D. Old Louisville Road (Hwy 80 to Dean Forest)**

IV. OTHER

A. Traffic Signals at Rogers and 80

1. Contractor Preferred Materials
2. Signals on line
3. Curb and gutter and new side walk on 80 West being installed and Contractor is working on concrete flatwork. Asphalt leveling courses are complete and ready for final surface paving to meet or exceed contract completion date of March 31st for both Highway 80, Rogers and Chestnut Streets.

V. POOLER CITY HALL: One-year warranty inspections are being scheduled for site work and landscaping.

VI. SHORT/INTERMEDIATE TERM

A. Highway 80 Water Line Replacement (Engineering in 2018 and begin construction in 2019)

1. Existing water line is made of a resin material that cannot be readily tapped for new connections or isolated for maintenance/repairs or new connections.
2. New water is desired to help facilitate growth in the City Hall vicinity and ease of future connection.

VII. LONG TERM WATER AND SEWER PROJECT FOR CONSIDERATION

- ##### **A. Pine Barren Road 12-inch loop (*Timberland Gap* to a point west of US-80) -- \$425,000**
- Portion of Pooler, east of I-95, is fed by a single 10-inch WM on US-80. In event of line breaks, only water to area is that stored in the 250,000 Gal Elevated Tank. This line will provide a second connection to Pooler, east of I-95. This system redundancy will improve fire flows and system pressures. In addition, this loop will help better feed Lower Floridan groundwater into the City's distribution system.

This item may be considered in conjunction with the water needs for the Harmony as described above in II.C Harmony Water Line Loop.

- B. Pooler Middle School LS & upgrade and parallel 8" FM (Depends on Hunter's Ridge)**
- C. Savannah Quarters Master Lift Station** upgrade should be closely monitored as development picks back up in the southern portion of the service area.
- D. Upgrade SCADA system** for all or regional lift stations not yet equipped.
- E. 10-inch main into *The Villages at Godley Station*, Northern tract, Phase 1 from key slot -- \$112,000.** It will provide another WM connection to the Northern Tract, Godley Station. At present, Pooler water to Northern Tract provided by a 10-inch main on Godley Blvd. and a secondary 8-inch loop through Copper Village. Needed to improve fire flows, pressures and provide more system redundancy.
- F. Replacement of remaining undersized water lines in old Pooler as noted in 2004 Master Water Plan --** Specific scope and cost to be determined.