



Brunswick-Glynn

Joint Water and Sewer Commission

Memorandum

To: Brunswick-Glynn Joint Water & Sewer Commission
From: Todd Kline, P.E., Director of Engineering
Date: Thursday, April 16, 2026
Re: JWSC Design & Construction Standards; language revisions.

Background

The purpose of the Brunswick Glynn Joint Water & Sewer Commission (JWSC) Standards for Water & Wastewater System Design and Construction (Standards) is to define the minimum requirements for the design and construction of public and private potable water and sanitary wastewater collection system infrastructure within Glynn County. These Standards are based upon federal, State and local regulatory requirements, the recommendations of industry organizations and compatibility with the mission of the JWSC. The Standards are a foundational component of managing the trust that the public has in the JWSC to manage safe and effective improvements to the public water and wastewater system.

Staff Report

Periodic revisions are required to maintain consistency with JWSC policy, intent and service delivery requirements. Revisions and updates may include clarifications to language, modification to details and removal or addition of acceptable materials and design criteria. The Board expressed a desire to better define the requirements for the dedication of private to public infrastructure and criteria for that action. This item reflects a proposed update and clarification to the language in Sections 1, 2, 3 and 4 to address those concerns of the Board and to also improve alignment with definitions presented in the Glynn County and City of Brunswick ordinance codes.

The attached revision was presented at the February 2026 Facilities Committee meeting. To solicit end-user feedback, the proposed revisions were sent out by email to a master list of stakeholders that is maintained for routine Planning & Construction Division updates. The stakeholder list is comprised of applicants, engineers, surveyors, builders, contractors, suppliers, permitting authorities and other entities served by the JWSC Planning and Development Review Process. Relevant feedback was reviewed and incorporated as appropriate.

JWSC Staff recognizes the importance of maintaining effective and clear JWSC Standards, reflective of the Boards service delivery strategy and goals, while maintaining consistency with Glynn County and City of Brunswick ordinances. If approved these revisions will apply to all newly submitted planning review applications.

Recommended Motion

"I move that the Brunswick-Glynn Joint Water and Sewer Commission approve these revisions of the JWSC Standards for Water & Wastewater System Design and Construction, to supersede all previous versions of the Standards."

Enclosures with Record Drawings:

1. Proposed JWSC Standards revisions.
2. Planning & Construction master stakeholder list.
3. Stakeholder feedback received.



RTU	Remote Terminal Unit
SCADA	Supervisory Control and Data Acquisition
VFD	Variable Frequency Drive
WPCF	Water Pollution Control Federation

1.4. DEVELOPMENT PROCESS

Water and wastewater system improvements associated with private development projects within Glynn County are typically reviewed as part of the Glynn County or City of Brunswick permit review process, as appropriate. The JWSC may allow developments incorporating only water and/or wastewater improvements to be submitted directly to the JWSC for review and approval. All governing Glynn County and/or City of Brunswick permitting requirements shall still apply. All water and wastewater systems, whether public or private, shall be designed and constructed in accordance with these Standards. All infrastructure beyond the point of public/private demarcation shall be designed and constructed in accordance with any relevant and governing State, local or industry standards for construction. A detailed description of the JWSC review process is provided in the separate document, JWSC Water and Wastewater Systems Development Procedures. These Standards also reference other applicable governing JWSC documents such as the most current JWSC Water and Wastewater Rates and Charges (Rate Resolution) and the JWSC Master Plan Update.

For all new construction, if the JWSC criteria for public dedication is met for either the water distribution or the wastewater collection system, both systems shall be constructed to JWSC public standards and dedicated upon completion. All construction shall conform with corresponding JWSC requirements and be based upon applicable definitions for customer and service location as defined by City of Brunswick/Glynn County ordinances and the JWSC. Public ownership of the JWSC system shall be contiguous and not separated by privately owned infrastructure.

Commented [TK1]: Clarify public dedication requirement criteria and eliminate piecemeal dedications.

1.4.1. Preliminary Information Requests

Upon request, the JWSC Planning and Construction Division will respond to questions regarding the availability of water and sewer service at a particular location. Requests are submitted using the JWSC Preliminary Information Form document and include detailed information as to the size and location of the parcel to be served. Such information includes but is not limited to:

- Street address
- Parcel ID number
- Owner's name
- Existing land use
- Proposed land use
- Calculated water and sewer needs

Existing utility location information provided by the Planning & Construction Division is based on the best available data from JWSC files such as GIS maps, record drawings, etc. No warranty is made by the JWSC, expressed or implied, as to the



SECTION 2 Water Distribution

- 2.1. General**
- 2.2. Engineering Reports**
- 2.3. Hydraulic Analysis**
- 2.4. Design Flows**
- 2.5. Sizing of Water Mains**
- 2.6. Installation of Water Mains and Appurtenances**
- 2.7. Miscellaneous Items**
- 2.8. End of Section**

2.1. General

This section provides the minimum guidelines for the design and construction of water transmission and distribution systems. All new connections, upgrades and extensions to the JWSC water distribution system are to be evaluated for intended use, as well as impacts to the existing public system.

At the request of the applicant and per the fee schedule listed in the Rate Resolution, the JWSC will provide information on the existing public system for specific locations through hydrant flow testing and 24-hour pressure data logging reports. Any additional information necessary, including field measurements through JWSC authorized access, shall be the responsibility of the applicant.

All access, modification, or operation of the existing public system shall only be via written JWSC permission and coordination with the appropriate JWSC operational Division. All tapping of the existing potable JWSC system shall only be performed by JWSC Water Distribution Division personnel.

The water meter shall serve as the termination of JWSC public distribution system ownership. As such all complete and approved water distribution improvements up to the water meter shall be dedicated to the JWSC as public infrastructure. Placement of the water meter will be at the property line in a location determined most appropriate by the JWSC. All service connections are to conform with corresponding JWSC requirements and be based upon applicable definitions for customer and service location as defined by City of Brunswick/Glynn County ordinances and the JWSC.

Commented [TK1]: Clarify JWSC ownership up to and including the water meter.

2.2. Engineering Reports

An Engineering Report (Utility Report) prepared by the Engineer of Record shall be submitted to the JWSC prior to the preparation of the final construction plans and include:

- 2.2.1.** A summary of the basis of design to include:
 - 2.2.1.1.** General description of the service area:
 - General location of new pipe, replacement, or rehabilitation.



SECTION 3 Wastewater Collection- Gravity Sewers

- 3.1. General**
- 3.2. Design Flows**
- 3.3. Sizing of Gravity Sewer Mains**
- 3.4. Gravity Sewer Pipe Slope Requirements**
- 3.5. Pipe Materials**
- 3.6. Pipe Depth**
- 3.7. Gravity Sewer Location and Alignment**
- 3.8. Easements**
- 3.9. Sewer Services**
- 3.10. Gravity Sewer Manhole Design**
- 3.11. Gravity Sewer Construction Inspection & Testing**
- 3.12. End of Section**

3.1. General

This section provides the minimum guidelines for the design and construction of wastewater collection gravity sewer systems. In all cases as practical and available, public wastewater collection systems shall be designed and constructed as open channel gravity flow. All new connections, upgrades and extensions to the JWSC gravity collection system are to be evaluated for intended use, as well as impacts to the existing public system. At the request of the applicant, the JWSC will provide information on the existing public system for specific locations through a search of database records and GIS mapping. The applicant will be required to gather any additional information necessary, including field measurements through JWSC authorized access.

JWSC collection system ownership shall begin at a lower cleanout, pressure main backflow assembly or other connection to the public system. As such all complete and approved collection system improvements up to this point shall be dedicated to the JWSC as public infrastructure. Placement will be at the property line or in a location determined most appropriate by the JWSC. All service connections are to conform with corresponding JWSC requirements and be based upon applicable definitions for customer and service location as defined by City of Brunswick/Glynn County ordinances and the JWSC.

Commented [TK1]: Clarify point of JWSC collection system ownership.

3.2. Design Flows

- 3.2.1.** An Engineering Report (Utility Report) prepared by the Engineer of Record shall be submitted to the JWSC prior to the preparation of the final construction plans and include the various flow requirements described below:
- 3.2.2.** Average Daily Flow (ADF):
 - 3.2.2.1.** Average Daily Flow (ADF) shall be 300 gallons per day per



SECTION 4 Wastewater Collection- Pump Station and Forcemain

- 4.1. GENERAL INFORMATION**
- 4.2. DESIGN FLOWS**
- 4.3. AVERAGE DAILY WEATHER FLOW (ADWF)**
- 4.4. PEAKING FACTORS/ PEAK HOURLY FLOW (PHF)**
- 4.5. WETWELL DESIGN CRITERIA**
- 4.6. WETWELL LEVEL CONTROL SETTINGS**
- 4.7. DEDICATED WASTEWATER PUMPSTATIONS**
- 4.8. PUMP STATIONPUMP STATION TYPES**
- 4.9. WETWELL CONFIGURATION**
- 4.10. PRECAST CONCRETE STRUCTURES**
- 4.11. WETWELL AND DISCHARGE HEADER PIPING**
- 4.12. VALVES AND APPURTENANCES**
- 4.13. PUMPING EQUIPMENT**
- 4.14. REMOTE TERMINAL (RTU) - SYSTEM AND PANEL**
- 4.15. EMERGENCY POWER**
- 4.16. ON-SITE STANDBY GENERATORS & AUTOMATIC TRANSFER CONTROLS**
- 4.17. ENGINEER-GENERATOR CONTROLS**
- 4.18. AUTOMATIC TRANSFER CONTROLS/SWITCHES**
- 4.19. PUMP STATION TESTING**
- 4.20. PRIVATE PUMP STATIONS**
- 4.21. SINGLE FAMILY RESIDENTIAL & SINGLE LOT COMMERCIAL PUMP STATIONS**
- 4.22. MULTI-FAMILY MULTI-LOT AND/OR MULTI-USER COMMERCIAL STATIONS**
- 4.23. FORCE MAINS**
- 4.24. MATERIALS**
- 4.25. END OF SECTION**

4.1. GENERAL INFORMATION

This section provides the minimum guidelines for the design of wastewater pump station and their associated forcemains that are considered an integral component of the facility's collection system. The method of design and/or construction shall be according to these Design Standards, JWSC Construction Specifications, and the following

- Recommended Standards for Sewage Works, (Ten State Standards), Latest Edition
- Georgia Environmental Protection Division State of Georgia Regulations for Water and Sewerage Works, Latest Edition
- Applicable Federal, State and Local Requirements

In the event of conflicts among the various sources cited above, the most stringent criteria shall take precedence.



Wastewater pumpstations, serving multiple customers and meeting the JWSC criteria for public ownership shall be constructed to JWSC standards for public ownership and dedicated upon completion. JWSC requirements will be based upon applicable definitions for customer and service location as defined by City of Brunswick/Glynn County ordinances and the JWSC.

Commented [TK1]: Clarify when public dedication is required.

4.2. DESIGN FLOWS

Each system component shall be designed to meet certain design flow requirements. All design flow requirements are at the discretion of the JWSC.

4.3. AVERAGE DAILY WEATHER FLOW (ADWF)

- 4.3.1.** Average Daily Flow (ADF) for new construction shall be as calculated in Section 3.0 Wastewater Collection- Gravity Sewer.
- 4.3.2.** ADF estimates for existing facilities that are scheduled for rehabilitation shall be made using data obtained from flow monitoring the existing system over a period of not less than 7 days, from which an average daily flow is to be developed. If any rainfall event measuring more than 0.5-inches of rain in any of the seven 24-hour periods occurs, the monitoring shall continue to provide at least 7-days without rainfall.
- 4.3.3.** Flow monitored data shall be adjusted for other potential loadings as appropriate, (i.e. seasonal usages, tourist loading, etc.) as may be developed or estimated from water use records, percentage of increased occupancy or other rational methods approved by the JWSC.
- 4.3.4.** ADF for existing facilities that may be scheduled for upgrading to accommodate additional flows from proposed developments shall be made using a combination of flow monitoring and REU calculations.

4.4. PEAKING FACTORS/ PEAK HOURLY FLOW (PHF)

- 4.4.1.** Peak Hourly Flow (PDF) shall be the basis of design for all pumping flow rates. Determine the REU value for the facility and then calculate the PHF as specified in Section 3.0 Wastewater Collection- Gravity Sewer.
- 4.4.2.** Sizing of Force Mains:
 - 4.4.2.1.** The discharge piping, to include valves, bends and the force main is to be considered an integral part of the pump station pumping system whether the facility is new or being upgraded to handle additional flows.
 - 4.4.2.2.** Force mains and associated discharge piping discharging to gravity sewer shall be sized for PDF (required pump rate) at a minimum velocity of 2.5 fps with one pump running and a



Pump "Off" Level (Pump Off)	Greater of: • 6 inches above pump housing, preferably above pump handle. • pump manufacturers minimum water level,
Lead Pump "On" Level (Pump On)	vertical dimension from the Pump "Off" level needed to store the volume required by $V=0.25TQ$
Lag Pump "On" Level (Lag On)	+ 0.5 vertical feet (6 inches) above previous pump on level and labeled as Lag1 On, Lag2 On, Lag3 On , etc
SCADA High Water Level (SHW)	Highest Lag On level + 0.5 vertical feet (6 inches) ⁱ
Audio/Visual High Water Level (AVHW)	SHW elevation + 0.5 feet (6 inches). ⁱⁱ

4.6.2. Where primary level control is provided by a Level Transducer Radar Unit, the AVHW float ball and installation shall be as specified for all such devices in this Standard

4.6.3. Note: Where flow matching pumping systems are approved for use, (either by VFD or mechanical flow matching technology using pre-rotation basin technology), level control settings shall be by specific facility design and as approved by the JWSC.

4.7. DEDICATED WASTEWATER PUMP STATIONS

4.7.1. Pump stations to be dedicated shall ~~serve more than one customer and~~ have a minimum required pumping rate of 22 gallons per minute (gpm) at peak diurnal flow and a minimum upstream contributory loading of 16,000 gallons per day (gpd).

Commented [TK2]: Clarify that dedicated pumpstations are to serve more than one customer.

4.7.2. ~~Pump stations not meeting this standard, shall be privately owned, operated and maintained. Such privately~~ Privately owned facilities and their contributing gravity systems shall be considered Satellite Systems of the JWSC requiring an agreement with the JWSC to discharge to the Public System.

Commented [TK3]: Emphasize requirement for JWSC Satellite System Agreement.

4.7.3. Any future consideration by the JWSC to accept public ownership of a privately owned facility shall be precedent upon such facility's adherence to this Standard or upgrade to this Standard.

4.8. PUMP STATION TYPES ~~(Intended for Public Ownership)~~

4.8.1. Low Flow

Low Flow pump stations shall be defined as those facilities whose loading requires pumping capacities between less than 80 gpm. These facilities are intended to serve limited areas where the service area cannot be expanded, and wastewater service cannot be otherwise provided by on-site (septic) systems or low-pressure

Commented [TK4]: Remove inconsistent language.



4.19. PUMP STATION TESTING

Each pump station shall be subjected to testing in accordance with JWSC Water and Wastewater Developmental Standards and Procedures.

4.20. PRIVATE PUMP STATIONS

4.20.11. This section delineates the minimum standards for wastewater pump stations intended for private ownership, operation and maintenance that will discharge to the publicly owned and operated gravity sewer systems or force mains of the JWSC.

4.20.12. These Standards shall encompass individual residential, single property service commercial, and multi-service/multi-lot facilities that fall below the threshold for public ownership, ~~and those facilities not "intended" for dedication by a documented "Notice of Intent" from the property owner to the JWSC.~~

Commented [AB5]: Clarify that only individual residential, single property commercial, or stations below 22 gpm can be kept private. Eliminate the option for private to be considered upfront.

4.20.13. General Requirements:

- 4.20.13.1.** No Publicly owned and operated sanitary sewer system or pump station shall be permitted to discharge, directly or indirectly, to a privately owned and operated pump station.
- 4.20.13.2.** All piping systems contributing flow to a private pump station shall be privately owned and operated by the facility owner and/or allowed by a documented agreement between the owners of contributing systems and the pump station owner. Such agreements shall establish the rights and responsibilities for operation and maintenance of the pump station and of the individual piping systems between the parties. The JWSC shall be provided with a copy of such agreement(s) prior to the payment of connection fees.
- 4.20.13.3.** With the exception of individual residential and single property commercial pump stations, private pump station and sanitary sewer system owners shall be required to enter into a Satellite System Working Agreement with the JWSC prior to payment of connection fees to discharge to the public system.
- 4.20.13.4.** Private Pump stations of capacities suitable for dedication to the JWSC that have not been designed and constructed in accordance with the Dedicated Pump Station Standards herein stated shall not be considered for public ownership until such facility is brought to the minimum current Standards for Dedicated Pump Stations. Exempted from this policy will be pump stations designed and constructed in accordance with City of Brunswick or Glynn County Standards at the time of installation and that are functioning properly.
- 4.20.13.5.** The served property for a low pressure connection to the public force main shall be adjacent or contiguous to the publicly owned low pressure force main; the acquisition of an easement through private property to access a low pressure

PLANNING & CONSTRUCTION KEY CONTACTS			
Last Name	First Name	Category	Organization
Alberson	Garrow	Local Authority	City of Brunswick
Amos	Chris	Engineering	City of St. Marys
Baker	Tim	Public Utility	Southern Company
Bane	Tim	Local Authority	Glynn County
Barber	Fred		
Beckworth	Aaron	Utility Contractor	Independent Contractor
Berry	Brett	State Authority	Environmental Protection Division
Biletszkov	Sutton	Utility Contractor	Golden Isles Underground
Boatright	Neal	General Contractor	Boatright Construction
Brisindine	Nancy	Public Utility	Southern Company
Brown	Marquita		EPD Wastewater Atlanta
Bruegge	Chris		EPD Wastewater Atlanta
Brumbach	Brad	Developer	Brumbach Development
Cahoon-Harris	Jennifer	Public Utility	Comcast
Calloway	John	Developer	Callaway Land Company
Campbell	Claudette	Other	GA811
Carroll	Mike	General Contractor	Carroll Custom Homes
Carter	Jeff	Utility Contractor	Woodrow Sapp
Carter	Will	Developer	
Carver	Dave	Local Authority	Glynn County
Cate	Vassa	Developer	Palmetto Group
Causse	Benoit		EPD Wastewater Atlanta
Chalmers	Austin	Engineering	Roberts Civil Engineering
Charnock	Rick	Local Authority	City of Brunswick
Cheek	Tim	Engineering	Roberts Civil Engineering
Clark	Ben	Developer	B C Construction
Clark	Christa	Developer	B C Construction
Collins	Calvin	Pool Contractor	Calvin Collins
Collins	Jim	Pool Contractor	Golden Sea Outdoors
Cook	Alan	State Authority	Georgia Ports Authority
Cote	Brendan	Other	GA811
Counts	Jeffery	Developer	Driggers Homes
Crews	Vernon	State Authority	GDOT
Cunard	Jason	Pool Contractor	Stellar Landscaping
Cusumano	Gabe	Pool Contractor	Clear Water Pools by Gabe
DeLoach	David	Engineering	EMC Engineering Services
DeLoach	Scottie	Other	Southern Company/GA Power
Douglas	Kyle	Public Utility	Georgia Power
Dubberly	Leslie	State Authority	GDOT- District 5
Duckworth	LeAnn	Developer	Duckworth Properties
Duncan	Bob	Developer	Duncan Builders
Duncan	Patrick	Developer	Duncan Builders
Durrence	Ashley	Developer	Lamar Smith Signature Group

Last Name	First Name	Category	Organization
Durrence	Jimmie	Pool Contractor	Pristine Water
Echols	Jake	Utility Contractor	Underground Excavating
El-Koussy	Omar	State Authority	Environmental Protection Divisiion
Etheredge	Bert	Engineering	Roberts Civil Engineering
Ezelle	Charles	Engineering	Thomas & Hutton Engineering
Farnsworth	John	Local Authority	Glynn County
Fendig	Joe	Developer	
Files	Holly	Other	GA811
Flanagan	Brett	Developer	Flanagan Development
Flanagan	Brett	Surveyor	Seaside Land Surveying
Flowers	Chuck	Other	woodrow Sapp
Ford	David		
Ford	Jeff	Developer	Lamar Smith Signature Group
Fucetola	Jim	General Contractor	Hillpointe Construction LLC
Garrett	Bruce		MTR Real Estate
Glenn	Drew	General Contractor	West Construction
Gober	Scott	Local Authority	Glynn County
Golden	Steve	General Contractor	
Goodbread	Kip	Engineering	EMC Engineering Services
Gramling	Alex		EPD Wastewater Atlanta
Gray	Frank	Public Utility	Atlanta Gas Light
Gross	Bill	Developer	W H Gross
Hale	Ren	Local Authority	City of Brunswick
Hartman	Jason	Local Authority	Glynn County
Harvy	David	Other	Southern Company Gas/AGL
Higgins	Kevin	Engineering	Kevin Higgins Architect
Himbert	Olli	State Authority	Georgia Ports Authority
Hodges	Jamie	Other	Hodges Plumbing
Hoit	Bob	Other	AT&T
Holmes	Donna	Local Authority	Glynn County
Hunkele Jr	N John	Engineering	Coastal Engineering Consultants
Ixcoy	David	Pool Contractor	Tropical Pools
Jackson	Phillip	Surveyor	Jackson Surveying
Kenard	Steve	Public Utility	Southern Company
Lawrence	Billy	General Contractor	Lawrence General Contracting
Lemmings	Jake	Engineering	Roberts Civil Engineering
Life	Promus	Public Utility	Atlanta Gas Light
Lott	Peabody	Utility Contractor	R L Construction
Mahoney	Kelly	Developer	Hillpointe Construction LLC
Mangan	Charlie	Public Utility	Atlanta Gas Light
McCloskey	Darby	Architect	Darby McCloskey AIA
McCranie	Greg	Public Utility	Southern Company
McDaniel	Brandon	State Authority	GDOT
McDill	Jonathan	Engineering	McDill Design & Development
Mikel	Rob	Public Utility	Comcast

Last Name	First Name	Category	Organization
Montgomery	Rebecca	Engineering	Thomas & Hutton Engineering
Moreno	Steve	State Authority	GDOT
Moxley	Robin	Developer	Moxley & Moxley Construction LLC
Moxley	Wayne	Developer	Corn House Creek Holdings LLC
Moxley	Zac	Developer	Solid Rock Company LLC
Mullis	Jarod	Pool Contractor	Royal Pools LLC
Mullis	Shon	Pool Contractor	Royal Contracting and Pools
Nash	Bob	Developer	Nash Contractors
Neal	Wayne	Developer	Regency Custom Homes
Neal	Jody	Developer	Regency Custom Homes
Neal	Jessica	Developer	Regency Custom Homes
Nevill	Gary	Surveyor	Shupe Surveying Company
Novak	Chris	State Authority	Georgia Ports Authority
Nuenke	Wayne	State Authority	Glynn County Environmental Health
Overholt	Jonathan	General Contractor	Overholt Construction
Overholt	Stan	General Contractor	Overholt Construction
Overholt	Sean	General Contractor	Overholt Construction
Owens	Mike	Utility Contractor	The Asphalt Layer
Pasya	Hanifa Dea	State Authority	Environmental Protection Division
Perce	David	Utility Contractor	Poppel Eller
Pierce	Ben	Engineering	GWES LLC
Pirovano	Robin	Developer	Landmark 24 Homes of Savannah LLC
Raulerson	Brent	Pool Contractor	Sea Side Pool & Spa
Richard	Ray	Developer	
Roberts	Johnathan	Engineering	Roberts Civil Engineering
Rose	Dennis	Pool Contractor	Camden Creative Concrete
Ross	Keith	Developer	Ridge Enterprises Inc
Rowell	Jeremy	General Contractor	Rowell Contracting
Rozier	Dallory		
Rozier	Hayden	Engineering	Roberts Civil Engineering
Sanchez	Alfredo	Pool Contractor	A & S Construction
Schnedeker	Dustin	Utility Contractor	Reeves Construction
Schoenauer	Pete	Engineering	Tidewater Engineering
Scott	Teresa	State Authority	GDOT
Shenk	George		
Sipsy	Tommy	Public Utility	Atlanta Gas Light
Smith	Mike	Plumber	Affordable Plumbing
Stewart	Tommy	Developer	TDS Construction
Stone	Joe	Utility Contractor	J H Stone Construction
Strickland	Sharon	Utility Contractor	J H Stone Construction
Strickland	Forest	State Authority	Georgia Ports Authority
Strong	Walter	General Contractor	W H Strong Company
Stroud	Freddy	Developer	Georgia Coast Realty
Stroud	Tommy	Developer	ETS Family Limited Partnership
Swann	Adam	Developer	

Last Name	First Name	Category	Organization
Swiger	Cliff	Local Authority	Glynn County
Sykes	Joy	Developer	Driggers Homes
Taylor	Chris	Pool Contractor	Taylor Pools
Teston	Chris	Pool Contractor	East Coast Pools
Thames	James		Kinder Morgan
Thompson	Pam	Other	Hillpointe Construction LLC
Torras	Michael	Developer	Torras Properties
Turpin	Lance	Developer	
Tuten	John	Architect	
Tyson	Ryan	General Contractor	R H Tyson Construction Inc
Tyson	Patrick	Pool Contractor	ATP Pools and Spa LLC
Ussery	Robert	Architect	Ussery-Rule Architects P C
Verduzio	Javier	Pool Contractor	New Era Pools and Spa
Vest	Ocie	Developer	Stratford Land
Vick	Jessica	Engineering	Roberts Civil Engineering
Vincent	Al	Pool Contractor	Port City Pools
Wade	Meghan	Other	GA811
Wasden	Ron	Utility Contractor	J Hiers Company
Wasdin	Greg	State Authority	GDOT
Watson	Kirk	Developer	
Webb	Kyle	Engineering	Hillpointe Construction LLC
White	Joseph	Public Utility	Southern Company
Wildsmith	Eddie	General Contractor	
Woodard	Chuck	Utility Contractor	Woodard Construction
Woodard	Jason	Utility Contractor	Woodard Construction
Woodard	Kevin	Utility Contractor	Woodard Construction
Woodman	Cliff	Utility Contractor	
Worthy	Henry	Pool Contractor	Worthy Pools and Spas Inc
Wright	Wendy	Pool Contractor	Pride Pools
Young	Chris	Surveyor	Seaside Land Surveying
		Other	USIC
		Other	USIC
		Pool Contractor	East Coast Pools
Cook	Chuck		JWSC BOC
Neal	Wayne		Glynn County BOC
Neal	Wayne		JWSC BOC
Turnipseed	Ben		JWSC BOC
Dorminy	Charlie		JWSC Legal Counsel (HBS)
Watson	Clayton		JWSC BOC
Sabbe	Lance		City of Brunswick BOC
Sabbe	Lance		JWSC BOC
Fields	Mike		JWSC BOC

Last Name	First Name	Category	Organization
Burroughs	Andrew		JWSC Executive Director
Roberts	LaDonnah		JWSC Deputy Executive Director

Todd Kline

From: Todd Kline
Sent: Wednesday, March 11, 2026 8:02 PM
Subject: FW: JWSC P&C Engineering Update: JWSC Standards language revisions.
Attachments: Potential Standards Change FEB2026.pdf



All,
If you have received this email, you are currently on our list for updates on plan review, engineering, policy or other topics related to your interactions with the JWSC Planning & Construction Division. The JWSC Board of Commissioners had requested staff to present recommended revisions to the *JWSC Standards for Water & Wastewater System Design and Construction* to address several necessary clarifications. The revisions primarily address congruency with Glynn County and City of Brunswick Ordinances, as well as requirements for the construction and dedication of infrastructure for public ownership. The draft revisions were presented at the February 2026 JWSC Facilities Committee meeting.

Please find the revisions attached for your review. They will be presented to the JWSC Board of Commissioners for approval and adoption at the April 2026 meeting. If adopted these revisions would apply to projects and design reviews submitted after April 16th. You may find the current, complete Section 1.0 Design Standards on the JWSC website: <https://www.bgiwsc.org/wp-content/uploads/2025/10/Section-1.0-Design-Standards-2024.pdf>

I certainly appreciate any questions or feedback you may have. Please submit directly to me by replying to this email no later than Friday April 10th so that I may address as necessary.

Thank you!
Todd Kline
JWSC
912-717-3757 cell

(I will use this email format to send out periodic updates, directly to our regional water and wastewater system stakeholders. My purpose is to notify you of any changes or general updates regarding JWSC engineering and review standards, policies, etc. Please notify by reply if you wish to be removed from this list. Also, let me know of anyone that may benefit to be included in future emails.)


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

2. My interpretation of eliminating the text means low flow stations are not being considered for dedication. If that's true, aren't you being contradictory from 4.7.1?

Paragraph 4.20.12
1. In my opinion JWSC should require minimum standards for private systems (*water and sewer*). These systems will eventually be pushed to JWSC.
2. I am confused with ABS comment because I could have a multiple lot housing development with less than 22 gpm. According to the revisions this wouldn't be considered for dedication and must be private.

Dave

From: Todd Kline <TKline@bgiwsc.org>
Sent: Wednesday, March 11, 2026 8:02 PM
Subject: FW: JWSC P&C Engineering Update: JWSC Standards language revisions.



All,
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I certainly appreciate any questions or feedback you may have. Please submit directly to me by replying to this email no later than Friday April 10th so that I may address as necessary.

Thank you!
Todd Kline
JWSC
912-717-3757 cell

(I will use this email format to send out periodic updates, directly to our regional water and wastewater system stakeholders. My purpose is to notify you of any changes or general updates regarding JWSC engineering and review standards, policies, etc. Please notify by reply if you wish to be removed from this list. Also, let me know of anyone that may benefit to be included in future emails.)


W. Todd Kline, P.E.
Director of Engineering
Planning & Construction Division
Brunswick-Glynn County

Todd Kline

From: Dave Ford <dthford58@outlook.com>
Sent: Thursday, March 19, 2026 9:21 AM
To: Todd Kline
Subject: RE: JWSC P&C Engineering Update: JWSC Standards language revisions.

Todd,

My .02

Paragraph 1.4
It is my understanding the changes will require the developer to ensure that both the water and sewer meet JWSC standards. I then have the following questions/comments;
1. What happens when there is only one utility (*water or sewer*) available? Does this then prohibit the developer from dedicating the available utility? If I only have sewer available does the private well system have to be constructed to JWSC standards? If I only have water available, am I required to ensure my alternative system is approved and dedicated? On a side note, I think all private water systems should be constructed to JWSC standards including providing flanged piping for future connection nearest the closest JWSC water piping.
2. How are alternative systems being handled?
3. Are these changes going to include FLETC?
4. Would this be better? For all new construction meeting JWSC criteria for public dedication both the water distribution and the wastewater collection shall be constructed to JWSC standards..... Under no circumstances will privately held infrastructure be allowed in an area submitted for public dedication.
5. JWSC might want to think about allowing some single-phase systems.

Paragraph 2.1
I agree.

Paragraph 3.1
What exactly is an "other connection" to the public system? That is extremely vague. Why not say the property line?

Paragraph 4.1
I prefer a more direct approach. All new wastewater pumping stations shall be submitted for public dedication and meet all JWSC construction standards. (*No exceptions*)
1. What about pumping stations for larger customers? Such as the old Pinova or FLETC?
2. What happens if the developer doesn't submit for public dedication?
3. At the very least why not stipulate that all pump station basins shall meet JWSC standards regardless whether or not they are being submitted?

Paragraph 4.7.1
1. Why do you care how many customers it serves? Isn't FLETC one big customer?
2. Curiosity question. What is the significance of 22 gpm and 16,000 gpd? How do they interrelate?

Paragraph 4.7.2
1. What is in the satellite agreement?

Paragraph 4.8.1
1. This is somewhat confusing. Should you be indicating low flow stations are from 22 gpm to 80 gpm?

Joint Water & Sewer Commission
1703 Gloucester Street
Brunswick, GA 31520
Office: 912.261.7122
Fax: 912.261.7178
Email: tkline@bgiwsc.org

Todd Kline

From: Stacy Culbreath
Sent: Tuesday, March 17, 2026 9:01 AM
To: Todd Kline
Subject: RE: JWSC P&C Engineering Update: JWSC Standards language revisions.
Attachments: SKM_C361i26031708550.pdf

Todd, here are my comments on the revisions. Let me know if you have any questions or don't understand my chicken scratch.

Stacy

J. Stacy Culbreath, P.E.
Senior Utility Inspector - Planning & Construction Div.
BGJWSC
1701 Gloucester Street
Brunswick, Ga. 31520
(912) 717-0436

Aristotle - Excellence is never an accident. It is always the result of high intention, sincere effort, and intelligent execution; it represents the wise choice of many alternatives - choice, not chance, determines your destiny."

From: Todd Kline <TKline@bgjwsc.org>
Sent: Wednesday, March 11, 2026 7:35 PM
Subject: JWSC P&C Engineering Update: JWSC Standards language revisions.



JWSC Planning & Construction: Engineering Update

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JWSC

1

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Joint Water & Sewer Commission
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Brunswick, GA 31520
Office: 912.261.7122
Fax: 912.261.7178
Email: tkline@bgjwsc.org

2

Todd Kline

From: Annette Cornely <acornely@disastersouth.com>
Sent: Thursday, March 12, 2026 1:45 PM
To: Todd Kline
Subject: Re:Fwd: JWSC P&C Engineering Update: JWSC Standards language revisions.

How about that? The system works and people **do** read JWSC emails 😊 Would you mind forwarding the attachment?

Annette Cornely
Vice President, Business Development
Disaster South

1813 Frederica Road

St. Simons Island, GA 31522

Cell: 912-676-0057

acornely@disastersouth.com

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<image001.jpg>

From: Vassa Cate <vassacate@gmail.com>
To: "Annette Cornely" <acornely@disastersouth.com>
Date: Thu, 12 Mar 2026 13:12:21 -0400
Subject: Fwd: JWSC P&C Engineering Update: JWSC Standards language revisions.

Sent from my iPhone

Begin forwarded message:

From: Todd Kline <TKline@bgjwsc.org>
Date: March 11, 2026 at 8:02:04 PM EDT
Subject: FW: JWSC P&C Engineering Update: JWSC Standards language revisions.

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1

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1703 Gloucester Street
Brunswick, GA 31520
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Fax: 912.261.7178
Email: tkline@bgjwsc.org

2

Todd Kline

From: Jason Vo
Sent: Friday, March 13, 2026 4:05 PM
To: Todd Kline
Subject: RE: JWSC P&C Engineering Update: JWSC Standards language revisions.

The updates look good, boss! No additional comments to the submitted revisions below at this time.

Thanks!

Jason Vo, P.E.

Brunswick-Glynn Joint Water & Sewer Commission
1703 Gloucester St, Brunswick, GA 31520
Office: (912) 261-7140
Work Cell: (912) 324-9905
jvo@bgjwsc.org



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Director of Engineering
Planning & Construction Division
Brunswick-Glynn County
Joint Water & Sewer Commission
1703 Gloucester Street
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