

**Coastal District**

1050 Canal Road  
Brunswick, Georgia 31525  
912-264-7284

May 26, 2023

Mr. W. Todd Kline, P.E.  
Director of Engineering  
BGJWSC  
1703 Gloucester Street  
Brunswick, GA 31520  
Via email: [tkline@bgjwsc.org](mailto:tkline@bgjwsc.org)

RE: **Plan Approval for Canal Road Water Production Facility**  
Brunswick Water System (WSID# 1270000)  
EPD Project Number CD22-071  
Glynn County, Georgia

Dear Mr. Kline,

Plans and specifications for the above referenced project, submitted by Thomas & Hutton, last revised May 2, 2023, have been reviewed for compliance with the Rules for Safe Drinking Water and the Minimum Standards for Public Water Systems (Minimum Standards). The drinking water portion of the project is hereby approved by the Georgia Environmental Protection Division, contingent upon the following conditions:

1. Minimum Standards 4.19 – Chemicals and water contact materials shall be approved by the Division or be certified for compliance with ANSI/NSF Standards 60 or 61. Product certification shall be conducted by an ANSI approved entity. All materials used in the construction of a public water supply system must comply with the 2011 Reduction of Lead in Drinking Water Act, as amended.
2. Minimum Standards 12.5.2 – All distribution mains shall be provided with sufficient earth and other suitable cover to prevent freezing. This shall be not less than 24 inches measured above the top of the pipe.
3. Minimum Standards 12.5.4(b) – Disinfection of the new mains and the disposal of the heavily chlorinated water, following the disinfection, shall be accomplished in accordance with the latest edition of AWWA Standard C651.
4. Minimum Standards 10.16(a) - Finished water storage structures shall be disinfected in accordance with the latest edition of AWWA Standard C652 before being placed into service.
5. Minimum Standards 7.1(b) – Chlorine gas room shall be provided with a shatter resistant inspection window installed in an interior wall, to permit viewing of the interior of the room and equipment.

6. Minimum Standards 8.16(b) – Floor surfaces shall be smooth and impervious, slip-proof and well drained with 2.5 % minimum slope.
7. Minimum Standards 9.12.5 – Where phosphate treatment is used, satisfactory chlorine residuals shall be maintained in the distribution system. In addition, a systematic flushing program shall be established and maintained for the distribution system.
8. Minimum Standards 9.13.9(c)(5) – Shall keep stock phosphate solution covered and disinfected by carrying approximately 10 mg/L free chlorine residual unless the phosphate is being fed from the covered shipping container.
9. Approval or acknowledgment must be received for the wastewater portion of the project from EPD's Wastewater Regulatory Program, Municipal Permitting Unit; they can be reached at (404) 463-1511.
10. If applicable to your site, you must file a Notice of Intent (NOI) with the Division to be covered under the General Permit for Storm Water Discharges Associated with Construction Activities.

The approved project consists of the construction and installation of the following:

- One gas chlorine treatment plant.
- One phosphate treatment plant.
- Two 100-horsepower centrifugal high service pumps.
- One 300,000 pre-stressed concrete ground storage tank equipped with a cascading tray natural draft aerator.
- Approximately 50 linear feet of twelve (6) inch DI water mains.
- All related valves, fittings, and appurtenances.

Please be reminded that the construction of the project must meet all the requirements of the Georgia Rules for Safe Drinking Water, Chapter 391-3-5. In accordance with Chapter 391-3-5-.05(6):

“Upon completion of the installation of the public water system or any modification, the Owner must send to the Division a statement from the Engineer who prepared the plans and specifications that the system, as installed, is in accordance with the approved plans and specifications.”

This approval is valid for one (1) year from the date of this letter. If the construction has not begun by that date, the Division may choose to reevaluate the project with regards to the Rules and Regulations in effect at that time.

Be advised that this Plan Approval is site specific and not a future guarantee of permitted water capacity being available beyond what is currently permitted by the Division or by the regulations. Furthermore, this approval does not account for future water demand because of growth or otherwise, and that the responsibility of planning for such lies with the permittee.

Mr. W. Todd Kline, P.E.  
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One (1) set of digital plans and specifications has been retained for our records. Should you have any questions or concerns, please contact me by email at [hanifa.pasya@dnr.ga.gov](mailto:hanifa.pasya@dnr.ga.gov) or by telephone at 912-602-4290.

Sincerely,

Hanifa Dea Pasya  
Environmental Engineer  
Coastal District - Brunswick

cc: Coastal District Files  
Jason Vo, BGJWSC, via email.  
Jacquelyn Smith, Thomas & Hutton, via email.  
Chris Stovall, Thomas & Hutton, via email.