

PERMIT NO. 025-0027  
ISSUANCE DATE: FEB 5 2020



# GEORGIA

DEPARTMENT OF NATURAL RESOURCES

## ENVIRONMENTAL PROTECTION DIVISION

### PERMIT TO USE GROUNDWATER

PERMIT HOLDER'S NAME **City of Tybee Island**  
PERMIT HOLDER'S ADDRESS **PO Box 2749, Tybee Island, GA 31328-2749**  
COUNTY: **Chatham County**

In accordance with the Provisions of the Groundwater Use Act, (O.C.G.A § 12-5-90 et seq.) as amended, and the Rules and Regulations for Groundwater Use, Chapter 391-3-2, promulgated pursuant thereto, this Permit is issued to withdraw, obtain, or utilize a maximum system wide total of groundwater in the amount of:

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

<b>0.916</b> mgd	Existing annual average	Valid through Dec 31, 2024;
<b>0.516</b> mgd	2025 annual average	Valid commencing Jan 1, 2025;

from **three** well(s) located at/near **Tybee Island, Georgia - Chatham County**, for the purpose of a consumptive use for **a central water supply**.

This Permit is conditioned upon the permit holder complying with the attached **Standard Conditions** (1 through 5) and the additional **Special Conditions** (6 through 16), which are hereby made a part of this Permit.

In accordance with the previous permit, and in conformity with the statements and supporting data entered therein or attached thereto, all of which are filed with the EPD and are hereby made part of this Permit.

This permit is effective from the date first above written and is subject to revocation on evidence of noncompliance with any of the provisions of the Groundwater Use Act, as amended, or any of the Rules and Regulations promulgated pursuant thereto; or with any representation made in the above mentioned application or the statements and supporting data entered therein or attached thereto; or with any condition of this permit.

Absent prior revocation in accordance with the above language, this Permit will expire on the **31<sup>st</sup> day of December 2027**.



Richard E. Dunn, Director  
Environmental Protection Division

This Permit is conditioned upon the permit holder complying with the following:

**STANDARD CONDITIONS**

- (1) The provisions of the Groundwater Use Act, as amended, or any of the Rules and Regulations promulgated pursuant thereto;
- (2) The Permit must not be transferred except with the approval of the Georgia Environmental Protection Division (EPD);
- (3) The Groundwater Withdrawal Report will be submitted MONTHLY in accordance with the following schedule:
  - Production between the first day of the month and the last day of the month will be submitted to EPD by the 10<sup>th</sup> day of the following month (ex. January 1<sup>st</sup> through January 31<sup>st</sup> groundwater withdrawal data will be reported to the EPD by February 10<sup>th</sup>).
- (4) The withdrawal of groundwater is limited to the quantities and purpose of the water herein specified.
- (5) Applications for permit renewal should be submitted within 6 months of the permit expiration date. A permit may be renewed following its expiration upon compliance with the provisions for submitting a new permit application.

**SPECIAL CONDITIONS**

- (6) This Permit is valid for ground water withdrawal from the **Upper Floridan** Aquifer(s). No other aquifer(s) can be used without the approval of the EPD.
- (7) If multiple aquifers are designated in Special Condition (6) above, groundwater withdrawal of each aquifer must be reported separately. Each aquifer must be identified on the Groundwater Withdrawal Report, as well as listing the well or wells that are producing in each aquifer. If a well is producing in more than one aquifer, it is to be noted. The Groundwater Withdrawal Report must be submitted in accordance with the schedule outlined in Standard Condition (3) of this permit.
- (8) The replacement of any permitted well must receive prior approval from EPD.
- (9) In accordance with the Groundwater Use Rules, 391-3-2-.08(2), a permit holder will analyze a raw groundwater sample for specific conductance on an annual basis. Analysis for specific conductance must be conducted in accordance with 40 Code of Federal Regulations, Part 141.89. A raw groundwater sample must be collected for every five permitted wells (i.e., if you have between one and five permitted wells, collect one raw groundwater sample for analysis; if you have between six and ten permitted wells, collect a raw groundwater sample from two of the permitted wells, etc.). The groundwater samples will be collected from the highest yielding wells. The results must be submitted to EPD attached to a corporate letterhead and will include the date sampled, well number, temperature of water sample at time of testing, the specific conductance result, and the units of measurement.

**SPECIAL CONDITIONS**

- (10) This groundwater withdrawal permit and any future modifications or re-issuances of such, is conditioned upon implementation of the permit holder's Water Conservation Plan developed in accordance with the Rules and Regulations for Groundwater Use, Chapter 391-3-2, and updated to be consistent with current EPD guidelines. This permit holder must demonstrate an effort to increase water use efficiency.
- (11) The permit holder must maintain ongoing compliance with applicable Coastal Georgia Regional Water Plan requirements.
- (12) The permit holder must abide by applicable water conservation requirements.
- (13) The permit holder must abide by applicable drought response requirements.
- (14) The EPD has produced the '**Coastal Georgia Water & Wastewater Permitting Plan for Managing Salt Water Intrusion**' (the Plan). The Plan has identified an array of water conservation, efficiency, and reuse requirements for public and private water providers. The permit holder is required to fully implement and otherwise comply with ALL appropriate requirements identified in the Plan.
- (15) The permit limits listed on the first page are effective upon successful implementation of the Cretaceous Well on Tybee Island. If the Cretaceous Well is unsuccessful, then the 2025 annual average permit limit will revert to 0.916 mgd annual average.
- (16) This permit supersedes any and all previous permits of the same permit number.

**PERMIT MODIFICATION**

The permit holder may seek modification of any of the terms of an unexpired permit upon written request to the Director.

The Georgia EPD has the authority to modify any groundwater withdrawal permit at any time.