



# GEORGIA

DEPARTMENT OF NATURAL RESOURCES

## ENVIRONMENTAL PROTECTION DIVISION

**Richard E. Dunn, Director**

**Watershed Protection Branch**  
2 Martin Luther King, Jr. Drive  
Suite 1152, East Tower  
Atlanta, Georgia 30334  
404-463-1511

February 18, 2019

Honorable Liz Ordiales, Mayor  
City of Hiawassee  
50 River Street  
Hiawassee, Georgia 30546

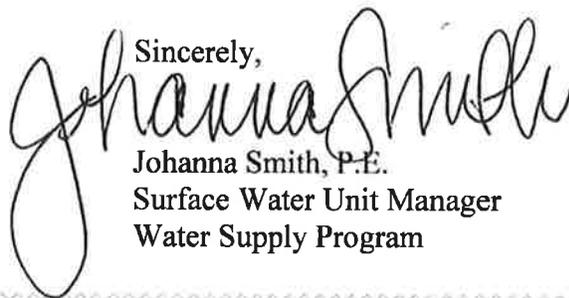
RE: Surface Water Withdrawal Permit Application (Modification)  
Permits # 139-1502-01 (Lake Chatuge) in Tennessee River Basin, Towns County  
Current Permit Limits: 2.0 mgd max 24-hr day/1.5 mgd monthly average  
Proposed Permit Limits: 2.72 mgd max 24-hr day/2.04 mgd monthly average

Dear Mayor Ordiales:

The Water Withdrawal Permitting Program of the Environmental Protection Division (EPD) has enclosed the above draft Surface Water Withdrawal Permit. If you agree with the conditions of the Draft Permit, please complete and sign at the appropriate place and return this letter to EPD before March 11, 2019. Otherwise, contact this office.

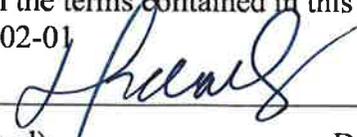
EPD will public noticed this draft permit on its website for a period of 30 days after receiving this document signed.

If you have any questions, please contact Mr. Walid Shaaban at 404-232-7832.

Sincerely,  
  
Johanna Smith, P.E.  
Surface Water Unit Manager  
Water Supply Program

Attachment

I agree with the terms contained in this letter and the attached draft Surface Water Withdrawal Permit No. 139-1502-01

 3/6/19  
Name (Signed) Date  
LIZ ORDIALES

Name (Typed or Printed)  
MAYOR

Title

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**GEORGIA**  
DEPARTMENT OF NATURAL RESOURCES

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ENVIRONMENTAL PROTECTION DIVISION

**PERMIT TO WITHDRAW, DIVERT OR IMPOUND SURFACE WATER**

PERMIT HOLDER'S NAME **City of Hiwassee**  
PERMIT HOLDER'S ADDRESS **50 River Street, Hiwassee, Georgia 30546**  
COUNTY: **Towns County**

In accordance with the provisions of the Georgia Water Quality Control Act, (O.C.G.A. § 12-5-20 et seq.) as amended, and the Rules and Regulations for Water Quality Control, Chapter 391-3-6, promulgated pursuant thereto, this permit is issued to **withdraw** surface water from the (source) **Lake Chatuge** in the **Tennessee River Basin** for the purpose of **municipal water supply**.

**The City of Hiwassee (permittee)** must comply with the following limitations:

- (1) Maximum 24 hour: Withdrawal **2.72** MGD; Impoundment \_\_\_ MGD; Diversion \_\_\_ MGD
- (2) Not to exceed a monthly average of **2.04** MGD

This Permit is conditioned upon the permit holder complying with the attached **Standard Conditions** (1 through 5) and the additional **Special Conditions** (8 through 12) which are hereby made a part of this Permit.

In accordance with the application dated **11/15/2016** and in conformity with the statements and supporting data entered therein or attached thereto, all of which are filed with the Environmental Protection Division of the Department of Natural Resources and are hereby made part of this Permit.

This Permit is effective from the date first above written and is subject to revocation pursuant to the Georgia Water Quality Control Act, as amended, O.C.G.A. § 12-5-31 (k).

Absent prior revocation in accordance with the above language, this Permit will expire **ten (10) years** from the issuance date on this permit.



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\_\_\_\_\_  
Director  
Environmental Protection Division

This permit is conditioned upon the permittee complying with the provisions of the Water Quality Control Act, as amended, or any of the Rules and Regulations promulgated thereto;

**STANDARD CONDITIONS**

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1) GENERAL PERMIT CHARACTERISTICS

- a) The use of surface water is limited to the quantities and purposes as specified herein;
- b) Water associated with this Permit must not be withdrawn by, released for, or otherwise utilized by any other entity or for any purpose without first modifying this Permit.
- c) This permit must not be transferred except with the approval of the Division;
- d) This permit supersedes any and all previous permits of the same permit number.

2) PERMIT RENEWAL

All permittees desiring to renew a permit must submit an application for renewal to the Director within six (6) months prior to its expiration.

3) PERMIT MODIFICATION

- a) The permittee may seek modification of any of the terms of an unexpired permit upon written request to the Director.
- b) The Georgia EPD has the authority to modify any surface water withdrawal permit at any time.

4) MONITORING AND REPORTING

- a) The permittee must submit annually to the Division, within 30 days of completion of the calendar year, a report listing for each month of the previous year:
  - 1. The gallons per day withdrawn, based on an average of the daily withdrawals for the month;
  - 2. The maximum 24 hour withdrawal;
- b) In addition to Condition 4a, the permittee must submit to the Environmental Protection Division (EPD) within 10 days of completion of the calendar month, a monthly Surface Water Withdrawal Report for the previous month showing daily raw water withdrawals associated with this Permit.

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5) WATER PLANNING REQUIREMENTS

- a) The permittee must abide by all applicable water conservation requirements, which may include but are not limited to submission of a Water Conservation Plan for EPD approval and submission of a five-year Water Conservation Progress Report in accordance with 391-3-6-.07. The Progress Report must include all actions and improvements made to conserve water and reduce water loss and shall be submitted for EPD review five (5) years from the permit issuance date.
- b) The permittee must abide by all applicable drought response requirements, which include but are not limited to the Georgia Drought Management Rule (391-3-30) and the permittee's Drought Contingency Plan.
- c) The permittee must maintain ongoing compliance with applicable "Coosa North Georgia Water Plan District" requirements.

**SYSTEM INFORMATION**

- 6) Towns County projected 2030 demand stands at 1.7 MGD based on the Coosa North Georgia Water Plan. Therefore, an Annual Average (AA) of 1.7 MGD was used to determine the Monthly Average limit of 2.0 MGD and Maximum 24 Hour limit of 2.72 MGD based on peaking factors of 1.2 and 1.6, respectively.
- 7) Lake Chatuge is owned and operated by the Tennessee Valley Authority (TVA).

**SPECIAL CONDITIONS**

- 8) The permittee's withdrawal intake is located in Lake Chatuge on the south west side of the lake. All water withdrawn must be metered at or immediately upon leaving the intake structure.
- 9) The permittee must not transfer any water withdrawn via this permit to any entity operating outside Tennessee River basin without EPD approval of such a transfer.
- 10) The permittee must operate in accordance with all criteria for Water Supply Watersheds as outlined in 391-3-16-01, including the applicable Water Supply Watershed Protection Plan.
- 11) In accordance with 391-3-33-.05, any future modification is conditional upon the demonstration of progress toward increased water efficiency. The permittee must submit an annual Water Audit by March 1 of each year and maintain ongoing compliance with the following:
  - a. Establishment of a Water Loss Control Program and associated goals to set measures of water supply efficiency
  - b. Demonstration of progress toward increased water efficiency using the measures established

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- 12) Due to the level of Non-Revenue Water (NRW) reported in the permittee's annual water loss audits, the permittee must provide the following documentation:
- a. Within six (6) months of the issuance date of this permit, a Water Loss Control Program designed to address priorities identified in the permittee's water loss audits and any other issues believed to contribute to current NRW levels. These include, but are not limited to, "Volume from Own Sources" and "Unbilled Metered." The Water Loss Control Program must contain concrete actions to increase water efficiency and deadlines for implementation. Once submitted, the goals and associated deadlines will become enforceable through this permit.
  - b. A progress report every year starting one (1) year from the permit issuance date, based on the permittee's Water Loss Control Plan, on efforts made to reduce Water Loss within the permittee system. The progress reports must provide a description of implemented measures and how the implemented measures have reduced the system's NRW. This annual report must continue to be submitted every year until progress toward increasing water efficiency can be confirmed.