

WATER USE SUMMARY:

Allocation Summary		
Average Daily Rate* (Million Gallons Per Day)	Freeze Protection (Million Gallons Per Year)	New Water to Average Daily Rate (Million Gallons Per Day)
0.9840	N/A	-0.1680

*The District authorizes water use on an average annual basis (Section 2.3.1.2, Handbook)

Permit Expiration and Compliance Reporting: Permit to expire August 11, 2025, with monthly reporting of daily water use

ACTION REQUESTED: Permit renewal

Project Description:

This project is located on approximately 604 controlled acres in Sections 2 and 3, Township 8 South, Range 16 East, and Section 34, Township 7 South, Range 16 East of Gilchrist county; approximately six miles west of High Springs. Groundwater from two 10-inch diameter production wells (P-1 and P-2) is withdrawn on property owned by Wray Spring Land Trust, LLC and used for beverage processing and other associated uses at an adjacent 320,000 ft² facility (the Gilchrist County facility), which is owned by Nestlé Waters North America, Inc. (NWNNA) and located at 7100 NE CR 340, High Springs, Florida 32643 in Gilchrist County, Florida. A third production well (P-3) is proposed, and would replace well P-1 once placed into service. Water use reporting will include daily volumes withdrawn from all wells reported to the District on a monthly basis.

Water Demand Calculations:

Within the next five years, NWNNA anticipates operating four product lines at the Gilchrist County facility, one renovated line capable of producing 1350 half-liter bottles per minute (BPM), and three new lines capable of producing 1500 BPM. Accounting for mechanical efficiency, scheduled maintenance, and product seasonality, water demand was calculated at 77% of the maximum line production; or 0.8740 mgd. The permittee also demonstrated a 0.1100 mgd water demand for equipment cooling, line flushing, and other potable/ industrial uses.

PERMIT APPLICATION REVIEW:

Section 373.223, Florida Statutes (F.S.), and Section 40B-2.301, Florida Administrative Code (F.A.C.), require an applicant to establish that the proposed use of water:

- (a) is a reasonable-beneficial use;
- (b) will not interfere with any presently existing legal use of water; and
- (c) is consistent with the public interest.

In addition, sections 2.3.4.1(a) through (k) of the District's Water Use Permitting Applicant's Handbook ("A.H.") sets forth the factors that will be considered in determining whether a proposed beverage processing use is reasonable-beneficial and consistent with the public interest. District staff has reviewed the water use permit application pursuant to the above-described requirements and have determined that the application meets the conditions for issuance of this permit. Highlights of the staff review are provided below.