

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

MEMORANDUM

TO: Governing Board

FROM: Warren Zwanka, P.G., Division Director, Resource Management

THRU: Steve Minnis, Deputy Executive Director, Business and Community Services

DATE: July 31, 2020

RE: Modification of Water Use Permit Application 2-041-218202-3, Seven Springs Water Company Project, Gilchrist County

RECOMMENDATION

Approve Water Use Permit number 2-041-218202-3 with seventeen standard conditions and ten special limiting conditions to Seven Springs Water Company, in Gilchrist County.

BACKGROUND

This is a renewal of an existing beverage processing use. The project is located along CR 340 in Gilchrist County, approximately six miles west of High Springs; and consists of approximately 604 controlled acres. Groundwater from two 10-inch diameter production wells (P-1 and P-2) is withdrawn on property owned by Barbara Wray Suggs and used for beverage processing and other associated uses at an adjacent 320,000 ft² facility owned by Nestlé Waters North America, Inc. (NWNA). 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 Water use reporting will include daily volumes withdrawn from all wells reported to the District on a monthly basis.

Within the next five years, NWNA anticipates operating four product lines at this 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 0.1290 mgd water demand for equipment cooling, line flushing, and other potable/ industrial uses. The permit allocation represents a 0.1680 mgd decrease from the previously permitted allocation.

Interference with existing legal uses of water and harm to water resources associated with proposed withdrawals at this project are not anticipated; and the lowest quality water source that is suitable for the purpose is being utilized. Staff has determined the proposed withdrawals are in accordance with Minimum Flows and Minimum Water Levels (MFLs) and MFL recovery strategies pursuant to Chapters 62-42, 40B-8, and Emergency Rule 40BER17-01, Florida Administrative Code (F.A.C.). The application is complete and satisfies the conditions for issuance in Chapter 40B-2, F.A.C.

WZ/tm
Attachments