

USE STATUS: This is a modification of an existing agricultural water use to voluntarily implement automated monitoring of groundwater withdrawals and receive a 10-year permit extension.

PROJECT DESCRIPTION:

This project is located on CR-340, 0.5 miles east of CR-341, approximately 3.5 miles north west of Bell in Gilchrist County; and consists of 80 controlled and 75 irrigated acres. Groundwater from one well is used to irrigate corn, peanuts, green beans, and rye through one center pivot.

The permittee has elected to provide SRWMD electrical consumption to comply with the water use reporting requirement of special condition 18.

WATER USE CALCULATIONS:

The District's WUPAR model was used to determine the 15.61 inches/year of supplemental irrigation for corn grown from February 20 to August 15.

The GIS-Based Water Resources and Agricultural Permitting and Planning System was used to determine the following supplemental irrigation requirements:

Peanuts grown from March 20 to October 30: 12.17 inches/year

Rye grown from October 30 to April 30: 4.82 inches/year

Green Beans grown from February 10 to April 1: 3.87 inches/year

Green Beans grown from August 15 to October 1: 3.11 inches/year

PERMIT APPLICATION REVIEW:

Section 373.223, Florida Statutes (F.S.), and rule 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, the above requirements are detailed further in the District's Water Use Permitting Applicant's Handbook ("A.H."). 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.

Is this a reasonable–beneficial use?

[ref. subsection 40B-2.301(1)(a)]

Yes. Based on the evaluation of criteria listed in subsections 40B-2.301(2)(a)-(k), F.A.C.