

MEMORANDUM

TO: Governing Board

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

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

DATE: August 2, 2019

RE: Approval of a Modification of Water Use Permit 2-001-215948-2, Shaw and Shaw Farms, Agricultural Use, to Shaw and Shaw Farms Partnership, Madison County

RECOMMENDATION

Staff recommends the Governing Board approve Water Use Permit number 2-001-215948-2 with seventeen standard conditions and eight special limiting conditions, to Shaw and Shaw Farms, Partnership, in Alachua County.

BACKGROUND

This is a modification of an existing agricultural water use to receive a ten-year permit extension for voluntary implementation of automated monitoring of withdrawals. The project consists of approximately 235 controlled and 110 irrigated acres distributed between two sites. The northernmost site, Flanagan Place, is located approximately five miles northeast of High Springs in Alachua County, and the second site, Mama's Field, is located approximately three miles south of Alachua in Alachua County. Groundwater is used to irrigate melons, millet, sorghum, and pasture through a traveling gun and drip irrigation. A supplemental irrigation model was used to determine the 0.1072 mgd 1-in-10-year drought allocation, a 0.1024 mgd decrease from the previous sequence.

All wells 8-inches in diameter or greater (2 of 6) will be monitored though telemetry. There have been no reports of interference or observed harm to water resources associated with previous withdrawals at this project.

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.

SW/tm
Attachments