WATER USE PERMIT APPLICATION

Agricultural Use

Supplemental Form A

South Florida Water Management District

3301 Gun Club Road, West Palm Beach, Florida 33406 (561) 686-8800
www.sfwmd.gov/ePermitting

SECTION A1 – PARCEL/SITE INFORMATION

WATER USE PERMIT # (if application is for renewal or modification): _____

Parcel/Site Name (each non-contiguous parcel or field)	Acres Owned/ Leased	Section(s), Township, Range (S_/T_S/R_E)	County Parcel Identification Number (or attach digital GIS Shape file)
TOTAL ACRES OWNED/LEASED			

Submit a map showing (if available, provide items A through E in a District-approved electronic format, e.g. ESRI shapefile, Autocad, DXF, KMZ, or compatible GIS file):

A. The project boundaries of the property owned or controlled by the permittee/applicant;
B. The area on the property that is being or will be irrigated;
C. All existing and proposed withdrawal point locations. Label all wells, pumps and culverts so they match the IDs provided in the Application form (Section IV - Sources of Water);
D. A north arrow and map scale; and
E. Labeled landmarks such as roads and political boundaries.

SECTION A2 – WATER USE INFORMATION

1. **CROPS** (includes annual/perennial crops, pasture, hay and sod. If crop types are rotated annually, list the crops with the higher irrigation requirements)

Crop Name	Plant/Crop Type	Earliest Planting Month	Total # Planting Months	# Acres Irrigated in Ground	# Acres Irrigated in Containers	Soil Type[1]	Rainfall Station Name[2]	Irrigation System[3]

[1] / [2] refer to Blaney Net Depth of Application Area Maps located @ www.sfwmd.gov. [3] Drip, Micro jet, overhead, nursery container, etc.

If any of the crops listed above are rotated or double- or triple-cropped, describe the rotation or multiple crop cycle.

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Incorporated by reference in rule 40E-2.101 (F.A.C.)
Form 1380 (2014-07)

2. LIVESTOCK

Livestock Type	# of Livestock	Demand Per Head (Gallons)	Livestock Type	# of Livestock	Demand Per Head (Gallons)
Beef Cattle		12	Horses		12
Chickens		0.1	Sheep		2
Dairy Cattle		150	Turkeys		1
Hogs		2	Other_____		_____
Other_____		_____	Other_____		_____

3. AQUACULTURE

A. Type(s) of aquaculture operation. _____

B. Tank information: Group by volume (length x width x depth from normal water elevation to pond/tank bottom) in cubic feet. Pond information: Provide the following information for ponds utilized by this operation. Please indicate whether each pond is lined or unlined.

Tank Groups	Volume (cubic-ft)	Number of Tanks		Pond	Volume (cubic-ft)	Average Water Table Elevation Datum _____	Invert Elevation Datum _____

C. How many times per year are the ponds/tanks emptied? _____

D. What percentage of water is filtered/treated and recycled? _____

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SECTION A3 – REQUESTED WATER USE

1. Complete the requested water use table below. Provide projected water amounts for each applicable use type and the water source(s) associated with the use type.

   If this application is for multiple sites, submit additional pages to provide the information below for each site.

Agriculture Use Type	Requested Amounts and Source(s) of Water (MGY[2] /MGM[3])		
	Source 1 Name[1] _____	Source 2 Name _____	Source 3 Name _____
Crops	/	/	/
Livestock	/	/	/
Aquaculture	/	/	/
Total	/	/	/

[1] Provide the name of the water source. Examples include the Upper Floridan aquifer and the Biscayne aquifer.
[2] MGY = Million gallons per year of water to be withdrawn over a 12-month time period under a 1-in-10 year drought condition (i.e. 1,500,000 gallons each day/1,000,000 = 1.5 x 365 = 547.5).
[3] MGM = Maximum million gallons per month of water to be withdrawn in any single month under the 1-in-10 year drought condition.

2. Please indicate the amount of frost/freeze protection requested in million gallons per day (MGD), and the type of system used (i.e. flood, micro jet, sprinkler) if applicable

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3. Please provide a description of the methodology used to calculate the requested water amounts for each use type in the table above (e.g., Modified Blaney-Criddle method, historical use, water budget calculations, other similar facilities, etc.). Attach additional sheets, if necessary. The Modified Blaney-Criddle calculation spreadsheet can be located at www.sfwmd.gov.

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SECTION A4 – WATER CONSERVATION

Please refer to District specific water conservation requirements, in the Applicant's Handbook, Section 2.3.