



WATER USE PERMIT

Institutional Use

Supplemental Form G



Northwest Florida Water Management District
 152 Water Management Drive, Havana, FL 32333-4712
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www.nfwwater.com

SECTION G1 – SITE INFORMATION

1. Provide a description of this facility.

2.

Site Name	Acres	County Parcel Identification Number or Section, Township, Range
TOTAL		_____

3. Submit a map showing:

- A. The legal boundaries of the property owned or controlled by the permittee/applicant;
- B. Any areas on the property that are being or will be irrigated;
- C. All existing and proposed withdrawal and connection point locations. Label all wells, pumps and connection points 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 G2 – WATER USE INFORMATION

1. POTABLE SUPPLY – Complete Section A or B

- A. If the potable supply component is similar to a water supply utility, such as a military base, please submit the population and per capita water use and water demand projections tables from sections E2 and E3 of the Public Supply Supplemental Form E.
- B. For all other facilities, such as hospitals, universities and correctional facilities, provide the requested information in the table below for the previous five years (including the most recent calendar year), and projected information, at a minimum of five-year intervals, for the requested permit duration.

Year		Permanent Residential Occupancy (number of persons)	Non-Permanent Occupancy (Guests, Employees, Commuter Students, etc.)
Historical			
Projected			

2. COOLING/AIR CONDITIONING

Provide a description of water used in any cooling or air conditioning system including, the method of discharge, the number of times water is recirculated prior to being discharged, and where blowdown from the cooling system is discharged.

3. IRRIGATED LANDSCAPE/RECREATIONAL AREAS

Type of Irrigated Area ¹	Number of Acres	Irrigation Method ²

¹Turf, shrubs, non-turf planting beds, natural areas, common areas, cemetery, athletic field, tennis court

²Drip, micro jet, overhead, etc.

4. GOLF COURSE

Type of Irrigated Area	Irrigated Acreage
Greens	
Tees	
Fairways / Driving Range	
Roughs	
Total Number of Acres Irrigated	

5. CULTIVATED CROPS (includes annual/perennial crops, pasture, hay and sod, etc.)

If crops types are rotated annually, list the crop(s) with the higher irrigation needs.

Crop Type	Earliest Planting Date (mo/day) ¹	Latest Harvest Date (mo/day) ¹	Irrigation Method ²	Acres Irrigated	Well(s) or Pump(s) Used for Irrigation ³	Freeze Protection, if Applicable		
						Freeze Protection Method ²	Freeze Protection Acreage	Well(s) or Pump(s) Used for Freeze Protection

¹ If applicable

² Drip, micro jet, overhead, etc.

³ Owners name of each well or pump used for irrigation.

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

6. LIVESTOCK

Livestock Type	Average Number of Livestock

7. OTHER MINOR USES

Describe other minor uses of water such as laundry facilities, spray mixing, crop washing, cart washing, equipment water, animal cooling or livestock washing.

SECTION G3 – REQUESTED WATER USE

1. Complete the requested water use table below. Provide projected withdrawal amounts for each applicable use type and the water source(s) associated with the use type.
2. The allocations for irrigation withdrawals are based on the supplemental irrigation requirements for the type of irrigation and acreages listed. Would you like to request District staff calculate and provide you a recommended amount of supplemental irrigation water? YES NO

If no, please provide requested withdrawal amounts in the table below.

Institutional Use Component	Requested Annual Average Amounts (gallons per day)				Requested Maximum Monthly Amounts (gallons)			
	Source 1 Name ¹	Source 2 Name	Source 3 Name	Total	Source 1 Name	Source 2 Name	Source 3 Name	Total
Potable Supply								
Cooling / Air Conditioning								
Irrigated Landscape / Recreational Areas								
Golf Course								
Agricultural Crops ²								
Livestock ³								
Other Minor Uses								
Total								

¹ Provide the name of the water source. Examples include the Floridan aquifer, surficial aquifer, the Sand and Gravel aquifer and surface water. Please also indicate any quantities of reclaimed water, recycled water or purchased water that will be used to meet water demands.

² Irrigation and freeze protection

³ Refer to the Applicant's Handbook for standard water use per animal for livestock.

3. Provide a description of the methodology used to calculate the requested withdrawal amounts for each use type (irrigation model, district calculations, historical use, water budget calculations, other similar facilities, etc.). For requested potable supply water use, include the per capita water use utilized in the projected water use calculations. Attach additional sheets, if necessary.

4. Please indicate the amount of reclaimed water, if applicable, that will be used to meet non-potable needs on an average daily and maximum monthly basis. Please describe how the reclaimed water will be delivered (e.g., plumbed directly or stored) and indicate which water use demands (e.g., golf course, irrigated landscape, etc.) will be met partially or in whole with reclaimed water. If reclaimed water storage ponds are present, please indicate whether the ponds are lined or unlined. Attach additional sheets, if necessary.

SECTION G4 – WATER CONSERVATION

Applicants for institutional use with a requested annual average daily withdrawal greater than 100,000 gpd must describe ongoing or planned water conservation and efficiency measures. Attach additional sheets, if necessary.
