

# SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

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TDD only: 1-800-231-6103 (FL only)

## NET BENEFIT SUPPLEMENTAL FORM DOVER/PLANT CITY WATER USE CAUTION AREA

This form must be completed by all water use permit (WUP) applicants in the Dover/Plant City Water Use Caution Area (Dover/Plant City WUCA) who have submitted an application for New Quantities that impact the Minimum Aquifer Level Protection Zone.

**The information required on this form is requested in accordance with  
Chapter 373, Florida Statutes (F.S.) and Rules 40D-2.091, 40D-2.101 and 40D-2.301, F.A.C.**

Please answer all questions. If a question is not applicable to your situation, enter N/A. If more space is needed, attach additional sheets and refer to the application question number. Provide documentation and references where appropriate.

**Applicant:** \_\_\_\_\_

**WUP No. (if existing):** \_\_\_\_\_  
(same as shown on WUP application)

*Guidance and information to assist the applicant in the completion of this form are shown in italics.*

### **PART I. NET BENEFIT EXPLANATION**

*Where a proposed new Frost/Freeze Protection groundwater withdrawal would impact the Minimum Aquifer Level Protection Zone, the applicant must undertake mitigation that results in a net 20% reduction of the existing impact. For example, if the predicted drawdown is 1.0 ft., the mitigation must offset the 1.0 ft. drawdown and provide another 0.2 ft. (i.e., 20% of 1.0 ft.) of positive effect so that the result is a net improvement of 0.2 foot. To address this impact, the applicant can (1) employ alternative freeze protection methods that reduce the proposed groundwater withdrawal quantity so that there is no impact, (2) reduce the acreage planted, (3) use a land use transition to retire an existing permitted withdrawal that impacts the Zone and propose a quantity that causes 80% of the existing impact, (4) recharge the aquifer and withdraw water later such that there remains a net positive impact on the Floridan aquifer potentiometric surface at least 20% greater than the impact of the proposed withdrawal (5) utilize the Groundwater Replacement Credit explained in Section B, below, or some combination of these activities. Items 3, 4, and 5 above, are labeled a Net Benefit.*

*For an expanded explanation of Net Benefit in the Dover/Plant City WUCA, please see Section 3.9.4 of the Water Use Permit Applicant's Handbook Part B. Note that Net Benefit is measured in terms of impacts, not quantities.*

**PART II. NET BENEFIT TYPE**

There are two types of Net Benefit: Mitigation Plus Recovery and Groundwater Replacement Credits. Indicate which type(s) of Net Benefit activity are to be implemented and the methods used to achieve the Net Benefit.

**SECTION A: MITIGATION PLUS RECOVERY**

Mitigation Plus Recovery must either precede or be coincident with initiation of withdrawals of the New Quantities.

**1. LAND USE TRANSITIONS**

This is retirement of reasonable-beneficial historically used frost/freeze protection quantities from another WUP that impacts the Minimum Aquifer Level Protection Zone so that a portion of the quantities can be used for new frost/freeze protection.

This method of Mitigation Plus Recovery is not taken. **Skip to Number 2, 3 or Section B.**

If Mitigation Plus Recovery is the method taken, provide the following information:

**a.** Indicate the WUP number of the permit that is to be reduced or retired. In the Dover/Plant City WUCA, indicate whether the quantities are to be reduced, retired permanently, or put on standby.

WUP Number to be reduced or retired permanently: \_\_\_\_\_

The Permittee from which quantities are being retired wishes to maintain a standby permit.

*Note that where the historically used groundwater quantities are used to provide a Net Benefit for another permittee, but the donor permittee wishes to maintain a standby permit, the donor permittee's standby quantity shall be 80% of this quantity, allowing 80% of the remaining 20% to be available as a Net Benefit.*

*Note that where an existing permittee replaces groundwater that was historically used for frost/freeze protection with water from tailwater recovery systems or other alternative frost/freeze protection methods, 35% of the groundwater quantity shall remain in the permit for use as tailwater pond makeup supply or emergency standby use. The amount available for use as a Net Benefit will be 80% of the remaining 65% of the historically used groundwater quantity.*

**b.** Permittee(s): \_\_\_\_\_

**c.** Frost/Freeze quantities to be retired: \_\_\_\_\_ gpd

**d.** Provide documentation of the impact analysis that shows that elimination of these historically used quantities results in a net 20% reduction in impact.

**e.** Documentation of historical use:

Meter readings and crop reports previously submitted to the District by the Permittee may be used as documentation, subject to cross checking with other information such as aerial photos. If meter data for actual use and historical crop reports are in the District's regulatory database, the District will use it to evaluate historical water use. Upon request, this data is available from the District. Other methods of verification can be used including aerial photography, receipts for supplies, equipment, and services, property appraiser records and other methods.

Documentation of historic use attached

**f.** Attach a letter from Permittees who are reducing or eliminating the groundwater quantities from their WUP that clearly states the following:

**(1)** Agreement to either permanently retire the historical use indicated as above or to place these quantities on standby.

(2) If only a part of the historically used quantities are to be retired or placed on standby, specify which use(s) are associated with the quantities to be retired or placed on standby and which withdrawal points are to have quantities reduced, eliminated, or put on standby.

(3) The District has their permission to modify their WUP to decrease quantities to only those historically used quantities that are not being retired or that are not being put on standby.

The letter must be signed by all Permittees. If an agent acts in behalf of Permittees, a letter signed by all Permittees must be included that authorizes the agent to sign on their behalf.

Attached

**2. RECHARGE THE AQUIFER.**

This process is to recharge the aquifer so that a positive impact is achieved on the aquifer.

This method is not taken. **Skip to Number 3 or Section B.**

This method is taken. A detailed description of the recharge project, that includes a groundwater flow model demonstrating the net 20% reduction in impact is attached.

**3. OTHER ACTIONS**

Other actions are proposed to be undertaken to offset the proposed impact of the withdrawal plus 20 percent. Describe and document the actions' effectiveness in an attachment.

No other method is taken. **Skip to Section B.**

Another method is taken.

Documentation attached.

**SECTION B: GROUNDWATER REPLACEMENT CREDIT**

*A Groundwater Replacement Credit (GWRC) is created when one permittee (person or entity) provides a quantity of water from an alternative water supply (AWS) to offset an existing permittee's historic frost/freeze protection groundwater withdrawals when those withdrawals impact the Minimum Aquifer Level. The only withdrawals that may be considered for a Groundwater Replacement Credit are those that meet the permitting criteria of Chapter 40D-2, F.A.C., and Section 3.9.4 of the Water Use Permit Applicant's Handbook Part B. If the contract is new between the provider and receiver, the delivery system must be constructed and delivery must be imminent. Groundwater Replacement Credits cannot be used for future or anticipated deliveries of AWS that are proposed to offset groundwater withdrawals. The offset must already have occurred.*

Is a Groundwater Replacement Credit proposed?  Yes  No

If the answer is Yes, refer to Section 3.9.4 of the Water Use Permit Applicant's Handbook Part B for an explanation of the process. Provide details as required in a document and attach it to this form. Contact the Tampa Regulation Department, Water Use Regulation Section for assistance.

Document Attached.

**ATTACHMENTS (as appropriate)**

- |  |                                   |                              |
|--|-----------------------------------|------------------------------|
| Impact analysis of proposed withdrawal elimination.            | <input type="checkbox"/> Attached | <input type="checkbox"/> N/A |
| Letter from the Permittee to retire water use.                 | <input type="checkbox"/> Attached | <input type="checkbox"/> N/A |
| Aquifer recharge plan and groundwater flow model.              | <input type="checkbox"/> Attached | <input type="checkbox"/> N/A |
| Documentation of other actions taken to provide a Net Benefit. | <input type="checkbox"/> Attached | <input type="checkbox"/> N/A |
| Documentation Groundwater Replacement Credit Proposal          | <input type="checkbox"/> Attached | <input type="checkbox"/> N/A |