

Agricultural Water Conservation Report

For Agricultural Applicants or Permittees

Required for allocations greater than 100,000 gallons per day (gpd) upon application for renewal, a modification to increase allocation or duration, or 10-year compliance review.

Section 1: Applicant / Permittee Information

Permit Number:	
Permittee/Applicant Name:	
Contact Person:	
Email:	
Phone:	
Farm/Project Name:	
Physical Address:	
Authorized Allocation (gpd):	

Section 2: Irrigation System Maintenance and Evaluation

Submit a Mobile Irrigation Lab (MIL) evaluation or equivalent from within the last five years, where such evaluations have been made available. For each irrigation system, indicate whether the minimum distribution uniformity (DU) requirements listed in **Table 1** of Section 6 below were met.

Irrigation System Type	Reported Distribution Uniformity (DU), %	Minimum Distribution Uniformity Met (Y/N)

(Add additional rows if necessary.)

Section 3: Irrigation System Management – Water Conservation Measures (WCMs)

List the water conservation measures from **Table 2** of Section 6 below that were implemented.

WCM Description	Date Implemented	Estimated Water Savings (gpd), where known

(Add additional rows if necessary.)

If alternative WCMs are implemented, submit supporting information that: 1) describes the measures, 2) provides a justification for use based on specific field conditions, 3) and demonstrates effectiveness.

Section 4: Tailwater Recovery / AWS Projects *(If applicable)*

If implementing a Tailwater Recovery System or Alternative Water Supply (AWS) project, describe the project and its expected water savings, where known.

Section 5: Certification

I certify that to the best of my knowledge and belief all of the information on this form is correct. I understand that making any material false statement on this form or in any attachments to it may result in revocation, in whole or in part, of the permit.

Name

Signature

Title

Date

Section 6: Reference Tables

As provided in section 2.1, Table 2 of the Water Conservation Requirements, incorporated by reference in subsection 62-42.300(6), F.A.C., permittees shall maintain the minimum distribution uniformity requirements provided in Table 1 below.

Table 1. Minimum Distribution Uniformity

Irrigation System Type	Minimum Distribution Uniformity (DU), %
Micro-Spray	75
Low Pressure Center Pivot or Lateral Move	75
Standard Center Pivot with End Guns	65
In-Place Overhead Sprinklers	70

As provided in section 2.2, Table 3 of the Water Conservation Requirements, incorporated by reference in subsection 62-42.300(6), F.A.C., permittees shall implement water conservation measures (WCMS) identified in Table 2 below as appropriate to their specific field conditions to the maximum extent environmentally, economically, and technically feasible.

Table 2. Water Conservation Measures

Generally Higher Efficiency
• Soil Moisture Sensors w/ Irrigation System Centralized/Automated Remote Controlling • Conversion from Seepage to Center Pivot Irrigation/Irrigation Drain Tile • Conversion of Solid Set Sprinklers/Overhead Sprinklers to Micro-Spray/Single-Pot Irrigation • Irrigate based on Soil Moisture Sensors • Centralized/Automated Remote Controlling for center pivot, drip, and other irrigation systems • Implementing sod-based rotation • Conversion of overhead irrigation systems to drip/micro-spray systems • Conversion from high pressure to low pressure systems • Variable Rate Irrigation w/ Variable Frequency Drive • End Gun Removal w/ Low-Pressure End of Pivot Retrofit • Conservation tillage with cover crops • Plant a mixture of grasses, legumes, and brassica cover crops when no crops are growing (i.e., winter [SRWMD] or summer [SJRWMD]) • Weather Station w/ ET Measurements • Self-reporting using Flow Meters • Variable Rate Irrigation • Conservation tillage without cover crops • Plant at least one cover crop in periods when no crops are growing (i.e., winter [SRWMD] or summer [SJRWMD]) • Use of soil amendments that increase water holding capacity of soil(s) • Plant area covered by center pivot end guns in a crop that doesn't need irrigation (i.e., grass, pine trees, etc.) so the end guns would not be needed

General Standard Efficiency
• Automated Rain Shut-off Valves
• Automated Pressure Shut-off Valves
• Retrofit irrigation system to more efficient drops or sprinklers
• Adjust end guns in accordance with MIL evaluation report
• Irrigate in mornings/evenings when temperature is cooler and/or when winds are relatively low
• Shade Cloth in lieu of Irrigation for Heat Stress
• Precision Land Grading