

## WATER SHORTAGE CRITERIA COMPARISON

PROGRAM COMPONENTS	SFWMD	SJRWMD	SWFWMD
<p style="text-align: center;"><b>Policy and purpose</b></p> <ul style="list-style-type: none"> <li>• Protect resource from serious harm</li> <li>• Equitable distribution of available water</li> <li>• Minimize economic impact</li> <li>• Provide advance knowledge of apportionments</li> </ul>			
<p style="text-align: center;"><b>Condition evaluation</b></p> <ul style="list-style-type: none"> <li>• Real time monitoring</li> <li>• Surface and ground water</li> <li>• Present and anticipated supply</li> <li>• Present and anticipated user demands</li> <li>• Comparison of demands to impact on resource and if serious harm may occur</li> <li>• Minimum flows / levels exceedance</li> </ul>			
<p style="text-align: center;"><b>Water shortage declaration</b></p> <ul style="list-style-type: none"> <li>• Standard to declare (insufficient water available)</li> <li>• Source affected (surface / ground)</li> <li>• Geographic area affected</li> <li>• Use class</li> <li>• Restrictions on withdrawals                             <ul style="list-style-type: none"> <li>○ 4 phases, escalating in severity of restrictions</li> </ul> </li> </ul>			
<p style="text-align: center;"><b>Restrictions</b></p> <ul style="list-style-type: none"> <li>• General:                             <ul style="list-style-type: none"> <li>○ Voluntary user agreements</li> <li>○ Metering and reporting (CUP condition linkage)</li> <li>○ MLF linkage</li> <li>○ Shifting to unrestricted source</li> <li>○ Monitoring levels and chloride</li> <li>○ Restrictions on total withdrawal amount, timing of use, pumping / diversion rates</li> </ul> </li> </ul>			

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<p style="text-align: center;"><b>Restrictions</b></p> <ul style="list-style-type: none"> <li>• <b>Specific:</b> <ul style="list-style-type: none"> <li>○ Use classes</li> <li>○ Time of day</li> <li>○ Hours of use</li> <li>○ Extensive details (balancing factors e.g.: economic impact, efficiency of use, nature of use, public health / safety, etc.)</li> </ul> </li> </ul>			
<p style="text-align: center;"><b>Region Specific Water Shortage Plan</b></p> <ul style="list-style-type: none"> <li>• Linked to minimum flows / levels</li> <li>• Triggers for Board to consider when evaluating water shortage declaration</li> </ul>			
<p style="text-align: center;"><b>Linked to Federal Project Operations</b></p> <ul style="list-style-type: none"> <li>• C &amp; SF Project</li> <li>• Seminole Tribe</li> </ul>			
<p style="text-align: center;"><b>Component of MFL Program</b></p> <ul style="list-style-type: none"> <li>• Circumstances for imposition of restrictions addressed</li> <li>• Equitable distribution of water to prevent serious harm with phased cutbacks</li> <li>• Not use shortage restrictions in place of recovery strategy</li> <li>• Specific factors to consider when declaring shortage to protect MFL water body defined</li> </ul>			
<p style="text-align: center;"><b>Variances</b></p>			
<p style="text-align: center;"><b>Monitoring</b></p>			
<p style="text-align: center;"><b>Enforcement</b></p>			

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<b>Not applicable to treated effluent or seawater</b>			
<b>Statutory authorities</b> <ul style="list-style-type: none"><li>• 373.175, 373.246, F.S.</li><li>• 373.042 and 373.0421, F.S.</li></ul>			

## **Summary of Three WMDs' Memorandum of Understanding Water Shortage Management Provisions**

- **Geographic Area:**
  - A map identifies water shortage management coordination area.
  - Generally, counties that are split by WMD boundary lines and counties that border WMD boundary lines are within the coordination area.
  
- **Coordination accomplished by:**
  - Staff team - meet as needed
  - Information exchange between WMDs:
    - Data monitored regarding current resource conditions and whether shortage should be declared
    - Establishing a means of coordinating monitoring and analysis
    - WMDs notify each other about current monitoring and analysis
    - Utilization of identified databases
  - Establish a mechanism whereby WMDs notify each other of recommended and adopted water shortage orders and fulfill coordination needs, via:
    - Notification of staff recommendation prior to Board meeting
    - Adopted Board orders or emergency orders and public communication materials transmitted to other WMDs as soon as available
    - WMD receiving the information is to respond to notifications with comments as soon as possible

#### IV. Water Shortage Management

**Geographic Area:** The area to be included for water shortage management coordination is depicted in Exhibit 3.

In order to enhance the effectiveness of current and future water shortage declarations and to enhance interdistrict efficiency by avoiding unnecessary duplication of related efforts, the Districts agree to cooperate as follows:

A. Coordination will be accomplished by a team of personnel from the Districts who are familiar with each district's respective water shortage programs. This staff team will meet on a regular and as-needed basis.

B. Each district will provide the following information to the two other districts: a detailed description of the factors currently monitored to determine whether to declare a water shortage (i.e., specific hydrologic conditions, water demand, and other data), a schedule which indicates the frequency at which each of these factors is collected and analyzed, and a description of the committee or other staff arrangement which currently conducts the monitoring and analysis efforts.

C. The Districts will identify and implement appropriate means of coordinating these monitoring and analysis efforts. At a minimum, a mechanism for notifying one another of current monitoring and analysis results shall be established. When applicable, databases included or analogous to those described in the "Water Resource Investigations" and "Water Supply Planning" sections of this Memorandum of Understanding will be utilized.

D. The Districts will establish a mechanism for notifying one another of recommended and adopted water shortage orders (declarations, modifications and rescissions). At a minimum, this mechanism should fulfill the following coordination needs:

1. Any recommendation for a Governing Board issued water shortage order or emergency order, notification shall, whenever practicable, occur prior to the applicable Governing Board meeting; and

2. Any adopted Governing Board order or emergency order; timely transmittal of the signed order and samples of related permittee and/or public communication materials as soon as available.

E. The Districts will respond to each notification or transmittal (described in paragraph number 4 above), by providing any comments in as timely a manner as possible.