

RULES OF THE NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
CHAPTER 40A-21, FLORIDA ADMINISTRATIVE CODE

WATER SHORTAGE PLAN



Effective March 29, 1992
Regulatory Guidelines #2000-5

**NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
 CHAPTER 40A-21, FLORIDA ADMINISTRATIVE CODE
 WATER SHORTAGE PLAN
 (EFFECTIVE MARCH 29, 1992)**

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PART I – GENERAL

40A-21.001 POLICY AND PURPOSE

- (1) The procedures herein comprise the District's Water Shortage Plan mandated by Chapter 373.246(1), Florida Statutes. The purposes of the plan are to protect the water resources of the District from serious harm; to assure equitable distribution of available water resources among all water users during times of shortage, consistent with the goals of minimizing adverse economic, social and health-related impacts; to provide advance knowledge of the means by which water apportionments and reductions will be made during times of shortage; and to promote greater security for water use permittees.
- (2) These procedures apply to all water users in the District, including those exempt from permitting pursuant to Rule 40A-2, Florida Administrative Code. However, this plan is not intended to apply to users whose source of water is limited solely to treated effluent or seawater. Thus, for each source, method of extraction or diversion and type of use, it is the policy of the District to restrict water users uniformly, regardless of whether the user utilizes water from a public or private utility system, a private well for domestic or individual home use, or any other type of water supply facility.

Specific Authority 373.044, 373.113 FS.
Laws Implemented 373.175, 373.246 FS.
History–New

40A-21.031 ELEMENTS OF THE PLAN

The Water Shortage Plan consists of the following elements.

- (1) Part I. General. Part I outlines the general goals and objectives of the District in developing and adopting the Water Shortage Plan and provides definitions for key terms utilized in the plan.
- (2) Part II. Declaring and Implementing a Water Shortage. Part II describes the procedures the District will utilize in declaring a water shortage. Provisions are made for comparing estimated present and anticipated water supplies with estimated present and anticipated user needs. The impact on the water resource, if demands are met from available supplies, is also evaluated. In addition, a method for expressing the severity of a water shortage in terms of four water shortage phases is provided. General user restrictions and variance procedures are established. Finally, procedures for implementing the water shortage declaration are provided.
- (3) Part III. Emergency Provisions. Part III pertains to that condition when the restrictions imposed on water users during a water shortage declaration appear inadequate to sufficiently protect the water resource or individual users. At that time, the Executive Director with the concurrence of the Governing Board may declare a water shortage emergency and impose restrictions on individual users. Part III also describes the procedures for declaring such a water shortage emergency and describes the water use restrictions which could be imposed under emergency conditions.
- (4) Part IV. Monitoring and Enforcement. Part IV describes the District's overall program of monitoring surface and ground waters, climatic conditions, and water demand during a water shortage. In addition, this part describes how the District, in conjunction with local law

enforcement officials, will enforce the provisions of a declared water shortage or water shortage emergency.

- (5) Part V. The Classification System. Part V classifies each user according to the source of water supply, type of water use and method of withdrawal. The classification system is utilized in conjunction with Parts II, III, and VI to determine the water use restrictions with which users should comply.
- (6) Part VI. Specific Restrictions. Part VI presents water use restrictions for each water shortage phase and water use class. Various combinations of these restrictions will be employed by the District to achieve the desired reduction in user demands during any phase of a water shortage. The ultimate combination of restrictions chosen will be described within the water shortage order(s) published by the District as described in Rule 40A-21.275.

Specific Authority 373.044, 373.113 FS.
Laws Implemented 373.175, 373.246 FS.
History--New

40A-21.051 DEFINITIONS

When used in this plan:

- (1) "**Chemigation**" means the introduction or application of chemicals (fertilizers, herbicides, fungicides, etc.) through an irrigation system.
- (2) "**Water Use Caution Area**" means a geographic area officially designated, by rule or order, by the Governing Board that is experiencing, or is likely to experience within the next 20 years, source-specific water resource problems of a significant long-term or recurrent nature. Such a designation may result in the establishment of management levels in the area and

other regulatory and monitoring activities, under current authority.

- (3) "**Even Numbered Address**" means the house address, box number or rural route ending in the numbers 0, 2, 4, 6, 8 or the letters A-M. Post office box numbers are not included.
- (4) "**Even Numbered Days**" means the days whose dates end in the numbers 0, 2, 4, 6, or 8. For purposes of this plan, each day will begin at 12:00 a.m.
- (5) "**Flood Irrigation**" means the delivery of plant or crop irrigation water by the design and practice of the flowing of water over the surface to saturate the root zone, or, in specific applications, the raising of the level of ground water through the root zone or to the soil surface.
- (6) "**Low-Volume Irrigation**" means the use of equipment and devices specifically designed to allow the volume of water delivered to be limited to a level consistent with the water requirement of the plant being irrigated and to allow that water to be placed with a high degree of efficiency in the root zone of the plant. The term also includes water use in mist houses and similar establishments for plant propagation and low volume hand watering/irrigation of plants or crops with one hose fitted with a self-canceling or automatic shutoff nozzle. Overhead irrigation and flood irrigation are not included.
- (7) "**Low-Volume Mobile Equipment Washing**" means the washing of mobile equipment with a "bucket" and "sponge" or a hose with a self-canceling or automatic shutoff nozzle or both.
- (8) "**Low-Volume Pressure Cleaning**" means pressure cleaning by means of equipment which is specifically

designed to reduce the inflow volume as accepted by industry standards.

- (9) **"Management Level"** means that potentiometric level or surface water level below which it has been determined that further declines could possibly cause water quality degradation or could interfere with any existing legal uses of water in the area according to the best hydrologic information available.
- (10) **"Method of Extraction or Diversion Class"** means the type of facility or means of withdrawal from the water resource employed by the user. Method of extraction or diversion classes within the District are specified in Rule 40A-21.571.
- (11) **"Minimum Flow and Minimum Level"** means that flow or level which is the limit at which further withdrawals from the surface water or ground water would be significantly harmful to the water resources or ecology of the area.
- (12) **"Mobile Equipment"** means any public, private or commercial automobile, truck, trailer, railroad car, camper, boat, or any other type of similar equipment. The term shall not include sanitation or sludge vehicles or food vending or transporting vehicles.
- (13) **"Nursery Stock"** means all plants, trees, shrubs, vines, bulbs, cuttings, grafts, scions, buds, flowering annual plants, aquatic plants, seeds, corns or tubers, grown or kept for propagation, distribution or sale.
- (14) **"Odd Numbered Address"** means the house address, box number or rural route ending in the numbers 1, 3, 5, 7, 9 or the letters N-Z. Post office box numbers are not included.
- (15) **"Odd Numbered Days"** means the days whose dates end in the numbers 1, 3, 5, 7, or 9. For purposes of this plan, each day will begin at 12:00 a.m.
- (16) **"Overhead Irrigation"** means the use of equipment and devices which deliver water under pressure, through the air, above the level of the plant being irrigated.
- (17) **"Percent Reduction in Overall Water Use"** means the total aggregate reduction from all water uses within a source class, regardless of the type of use or method of withdrawal, which is necessary to reduce estimated present and anticipated water use demand to estimate present and anticipated available water supply.
- (18) **"Plan"** means the water shortage plan authorized in Section 373.246, Florida Statutes, and contained in this document.
- (19) **"Reclaimed Water"** means water that has received at least secondary treatment and is reused after flowing out of a wastewater treatment facility.
- (20) **"Recycled Water"** means runoff water collected from a site and which is stored for use.
- (21) **"Reuse"** means the deliberate application of reclaimed water, in compliance with the Department of Environmental Protection and District rules, for a beneficial purpose.
- (22) **"Source Class"** means the specified water resource from which a user is obtaining water either directly or indirectly. Source classes within the District are specified in Rule 40A-21.531.
- (23) **"Traveling Volume Gun"** means slow-moving, self-propelled irrigation systems whereby water is projected

through nozzles onto a limited portion of a field, and which require manual repositioning after each pass.

- (24) **"Use Class"** means the category describing the purpose for which the user is utilizing water. Use classes within the District are specified in Rule 40A-21.551.
- (25) **"User"** means any person or entity which directly or indirectly takes water from the water resource, including uses from private or public utility systems, uses under consumptive use permits issued pursuant to Chapter 40A-2, F.A.C., or uses from individual wells or pumps for domestic or individual home use.
- (26) **"Water Resource"** means any and all water on or beneath the surface of the ground, including, water in natural or artificial water courses, lakes, ponds, impoundments, streams, or diffused surface water and water percolating, standing or flowing beneath the surface of the ground.
- (27) **"Water Shortage"** means that situation within all or part of the District when water resources are insufficient to meet the needs of the users, or when conditions are such that, to protect the water resources of the designated area from serious harm, temporary reductions in use are necessary. A water shortage usually occurs as a result of a drought.
- (28) **"Water Shortage Emergency"** means that situation when provisions under a water shortage declaration are not sufficient to protect the public health, safety, or welfare; the health of animals, fish or aquatic life; a public water supply; or commercial, industrial, agricultural, or other reasonable uses of water.

Specific Authority 373.044, 373.113 FS.
Laws Implemented 373.175, 373.246 FS.
History—New

PART II – DECLARING AND IMPLEMENTING A WATER SHORTAGE

40A-21.221 EVALUATING WATER CONDITIONS

- (1) The District shall monitor the condition of the water resources in the District as provided in 40A-21.401.
- (2) Current data shall be compared to historical data to determine whether the estimated present and anticipated available water supply within any source class will be insufficient to meet the estimated present and anticipated demands of the users from the source class, or whether serious harm to the water resources can be expected. Factors that shall be considered in determining whether serious harm to the water resource may occur include:
 - (a) Potential for increased saltwater intrusion, upconing, or other ground water contamination;
 - (b) Potential for increases in drawdowns or cone of depressions which may affect nearby users or the resource;
 - (c) Potential for significant adverse impacts on fish and wildlife, and the ecology of the area; and,
 - (d) Other factors adversely impacting the water resources.

Specific Authority 373.044, 373.113 FS.
Laws Implemented 373.175, 373.246 FS.
History—New

40A-21.231 DECLARING A WATER SHORTAGE

- (1) The District shall evaluate the condition

of the water resources in the District as specified in Rule 40A-21.221.

- (2) Prior to declaring a water shortage for a source class, the Board may issue a water shortage warning calling for voluntary reductions in use within that source class. The Board may elect to have the District staff coordinate the water shortage warning with local interest groups and other representatives of the various affected user classes as well as emergency preparedness and other related agencies and includes increased data monitoring and analysis. Delineation of the source class boundaries will be made by the best geographic means available.
- (3) If the District determines that water levels have fallen below established management levels, if any, or that there is a possibility that insufficient water will be available within a source class to meet the user demands from that source, to meet the requirements of the permit system, or to protect the water resource from serious harm, the Board shall issue an order declaring a water shortage for the affected source class or classes. When the affected source extends beyond the District's boundaries, the District will coordinate water shortage declarations with other appropriate agencies to the extent practicable.
- (4) A water shortage shall also be declared for those source classes not presently experiencing a water shortage if usage from such sources can be reasonably expected to impact the present and anticipated available water supply in the source classes identified in subsection (3).
- (5) If a water shortage is declared for a source class, the District shall estimate

the percent reduction in overall water use required to protect the water resources from serious harm or to reduce usage such that established management levels, if any, are maintained to the greatest extent possible.

- (6) When appropriate, the District shall designate source-specific Water Use Caution Areas in which more stringent monitoring or control of the resource is determined necessary. Within these areas, appropriate water users will be required to utilize reclaimed water unless it is demonstrated to the District's satisfaction that reuse is not economically, environmentally or technically feasible.
- (7) Upon the designation of a Water Use Caution Area the District may set management levels, if not already established for each affected source class in that area. If deemed necessary, the establishment of the management levels and the increased monitoring efforts will help to provide the District with a management framework which can be used to evaluate the impacts on the water resources by present and projected future users.
- (8) Management levels may also be established by the District for source classes which are not in a Water Use Caution Area.

Specific Authority 373.044, 373.113 FS.
Laws Implemented 373.175, 373.246 FS.
History--New

40A-21.251 WATER SHORTAGE PHASES

This section establishes four phases of water shortage as a function of the estimated percent reduction in overall water use required to protect the water resources from serious harm or to reduce usage such that established management levels are maintained

to the greatest extent possible.

- (1) Each source class for which a water shortage has been declared shall be assigned a specific water shortage phase. The water shortage phase selected for a source class shall be based upon:
 - (a) The estimated percent reduction required in overall water use; and,
 - (b) For areas with multiple sources, the extent to which users have the capability to obtain water from a source or sources other than the source class for which a water shortage has been declared.
- (2) The following water shortage phases are established:

Water Shortage Phase	Percent Reduction Goal in Overall Water Use Demand
I. Moderate Water Shortage	15%
II. Severe Water Shortage	30%
III. Extreme Water Shortage	45%
IV. Critical Water Shortage	60%

- (3) If the Governing Board determines that greater than 60% reduction in water use is necessary, the Board will develop appropriate additional restrictions.

Specific Authority 373.044, 373.113 FS.
 Laws Implemented 373.175, 373.246 FS.
 History--New

40A-21.271 WATER USE RESTRICTIONS

- (1) The Board, when appropriate, shall order the specific water use restrictions listed in Part VI for the appropriate water shortage phase for each affected source class. Further, the Board may order restrictions in addition to those described in Rule 40A-21.621-.651. These changes shall be specified by use or method of extraction or diversion class, within each source class, if deemed necessary, to achieve the desired percent reduction in overall use.
- (2) Additional conditions or restrictions which may be considered include:
 - (a) Provisions that facilitate the right of water users in an area to make voluntary agreements among themselves, with the concurrence of the Board, providing for the mutual reduction, sharing, or rotation of use;
 - (b) Provisions for the metering and reporting of all water used, diverted, impounded, extracted or withdrawn;
 - (c) Provisions designed to maintain any management levels or minimum flows and minimum levels, established pursuant to Section 373.042, F.S.;
 - (d) Provisions which recognize the extent to which users can satisfy water demands from sources for which a water shortage has not been declared;
 - (e) Provisions for monitoring water levels and determining chloride and other contaminant concentrations in order to protect against saltwater intrusion or other deterioration of water quality, including the closing or plugging of wells;

- (f) Restrictions on the total amount of water that may be used, diverted, impounded, extracted, or withdrawn during any day, month, or year;
 - (g) Restrictions on the timing of use, diversion, impoundment, extraction, or withdrawal of water;
 - (h) Restrictions on pumping rates and schedules or diversion rates and schedules; or,
 - (i) Such other provisions or restrictions as are necessary to protect the water resources from serious harm.
- (3) If mandatory or other reductions on permittees are in effect at the time of a water shortage declaration, these restrictions will remain in effect unless the designated phase restrictions for that user class are greater. In that case, the more restrictive measures will be followed.
- (4) Nothing herein shall limit any local, state, or federal agency from establishing more restrictive water use measures. If more stringent water conservation measures are promulgated by an appropriate governmental entity, those more restrictive water use requirements shall apply and be enforced by the particular government entity.

Specific Authority 373.044, 373.113 FS.
 Laws Implemented 373.175, 373.246 FS.
 History--New

40A-21.275 VARIANCES

- (1) All users requesting relief from the provisions of this plan shall file with the District a petition for a variance, but shall conform to water use restrictions until the Executive

Director, his designee or the Governing Board grants the variance.

- (2) Criteria for Issuance – No petition for variance will be considered for approval unless the petitioner provides reasonable assurances that the variance will not be harmful to the water resources of the District, and no other acceptable source of water is available for the intended use, and affirmatively demonstrates that one or more of the following circumstances exists:
- (a) The variance is essential to protect health or safety;
 - (b) Compliance with the particular rule or order from which a variance is sought will require measures which, because of their extent or cost, cannot be accomplished within the anticipated duration of the declared water shortage;
 - (c) Compliance with the particular rule or order from which a variance is sought will result in a substantial economic burden (supported by analytical documentation), or a substantial social or health burden on the applicant or those served by the applicant, which is significantly greater than the burden on others within that use class;
 - (d) Alternative restrictions which can be implemented by the applicant which would achieve the same level of demand reduction as required by the restriction of the District from which a variance is sought and which are binding and enforceable on the applicant;
 - (e) The applicant is a private or public utility that demonstrates that special circumstances exist which necessitates the issuance of a variance.

(3) Limiting Conditions - Variances granted shall be subject to the following conditions, unless waived or modified by the Board:

- (a) The variance granted shall be the minimum necessary to alleviate the circumstance for which the variance was requested.
- (b) All variances shall automatically expire upon a declaration by the Board that a water shortage no longer exists or when a more restrictive water shortage declaration is made. However, variance conditions which require the petitioner to modify water use facilities to eliminate the need for variances in the future shall remain in full force and effect until such modifications have been completed. However, when a new application for variance is filed within seven (7) working days of the effective date of a more restrictive water shortage declaration, the existing variance shall remain in effect until final agency action on the application.
- (c) Variances granted under paragraph (2)(b), when appropriate, shall prescribe a timetable for compliance with the restrictions from which a variance was sought.

(4) Petitions for Variances - The petition shall contain the following:

- (a) The petitioner's name and address, home and work telephone number, consumptive use permit number (if any), and a sufficiently detailed map showing the location of the property and its address for which relief is requested;
- (b) The specific rule, order, water

shortage phase, restriction or provision from which the petitioner is requesting relief;

- (c) A detailed statement of the facts which the petitioner believes demonstrate that the request qualifies for a variance, including any reports by qualified technical experts (e.g., PG, PE);
- (d) A specific description of the relief desired (i.e., irrigation times, pumping amounts, etc.);
- (e) The period of time for which the variance is sought, including the reasons and facts in support thereof;
- (f) The damage or harm resulting, or which may result, to petitioner or to others from compliance with the rule, order, restriction or provision;
- (g) The water use restrictions which petitioner can meet and the date when petitioner can comply with such restrictions;
- (h) If the variance is sought under paragraph (2)(b), information identifying the restrictions which currently can be met, a description of the measures which would be necessary to meet all restrictions and the date when these measures could be completed;
- (i) If the applicant is the owner or operator of a golf course whose need for a variance arises from the operational inability of its irrigation system or works to meet the front half/back half golf course irrigation requirement in 40A-21, Part V, Specific Restrictions, the applicant shall submit a map showing the proposed alternative division of the course in-halves and an explanation of the applicant's proposed

irrigation scheme;

- (j) For applications for variance from restrictions on irrigation, a general description of the irrigation system, including pump size or water system output, map of irrigated area, and net acres irrigated;
 - (k) The steps the petitioner is taking to meet the restriction or provision from which the variance is sought;
 - (l) If the variance being sought is in the form of an extension of time for compliance, the steps the petitioner is presently taking to comply and when compliance will be achieved; and,
 - (m) Any other information the petitioner believes is material.
- (5) Variance Procedures
- (a) Unless the petitioner requests otherwise, the petition for variance or any petition for hearing an application for a variance shall be considered a petition for informal proceedings under Chapter 120, Florida Statutes.
 - (b) If a petition for variance is incomplete or additional information is required, the District shall, within five working days after receipt of the petition for variance, attempt to notify the applicant of any deficiencies in the petition or of any additional information that is required. No action shall be taken until the requested information is furnished by the petitioner or until the petitioner directs the District in writing to act on the petition - based upon the information

previously submitted.

- (c) Within five working days after receipt of a complete petition for variance, the staff will recommend to the Executive Director or his designee whether the petition complies with the provisions of subsections 40A-21.275 (2) through (4). The recommendation will be in writing and shall constitute proposed agency action. The District shall set forth in writing the grounds or basis for any denial of a variance and inform the applicant of the right to a petition for an administrative hearing on the denial of the application. A copy of the recommendation will be forwarded to the petitioner.
- (d) The Executive Director or his Designee shall review the petition and the staff recommendation. Petitions which do not require immediate action or which do not comply with the provisions of subsections (2) through (4) may be deferred by the Executive Director for Board action. Petitions which require immediate action and which comply with the provisions of subsections (2) through (4) may be temporarily granted by the Executive Director or his Designee. Orders temporarily granting a petition by the Executive Director or his Designee shall be presented to the Board for concurrence, rejection or modification. In case of an extreme hardship which threatens the livelihood of a water user, the Executive Director, or his Designee, upon receipt of a complete variance request, may immediately authorize an emergency variance. The emergency variance, if authorized,

would be in effect until such time as the District fully evaluates and acts upon the request as provided for in sections 40A-21.275(3) and (5), Florida Administrative Code. The District, when appropriate, shall attach to the variance authorizations any restrictions or conditions necessary to protect existing legal user(s) or the resource.

- (e) The Board shall consider all deferred petitions as well as those temporarily granted by the Executive Director or his Designee, at its next regularly scheduled meeting. The Board may grant, or deny the deferred petitions and may ratify, modify, or rescind those petitions temporarily granted by the Executive Director or his Designee. All Board actions will be by written order and copies shall be furnished to the petitioner and the appropriate law enforcement officials or appropriate governmental entity. A petitioner whose variance has been granted will be furnished an appropriate notice of water shortage variance and any attachments which must be prominently displayed at the petitioner's place of use.
- (f) The Board shall revoke or modify a variance when it determines that the continued utilization of the variance is inconsistent with the objectives of the District.

Specific Authority 373.044, 373.113, 373.244, 373.246 FS.
Laws Implemented 373.175, 373.246 FS.
History–New

40A-21.291 IMPLEMENTING A WATER SHORTAGE DECLARATION

- (1) When a water shortage is declared, or if already declared and a different level of restrictions is imposed, the Governing Board shall cause publication of a notice of declaration or restrictions. The notice shall be published at least once in a prominent place in a newspaper of general circulation in the affected areas of the water shortage. In addition, the District shall make reasonable effort to inform the general public of the restrictions in effect and the sources of supply which are affected. Particular attention shall be given to presenting this information in a form which is easily understood and applied by the citizens of the affected areas.
- (2) The Governing Board shall cause notification by regular mail of each affected consumptive use permittee within the affected source class of any changes in the conditions of permits within the affected source class, any suspension of permits within the affected source class or any other restriction on uses of water within the affected source class.
- (3) The District shall notify local governments in the affected area of any water shortage declaration. In addition, local law enforcement officials shall be notified as soon as possible of any water shortage declaration or change of restrictions in effect within their areas of jurisdiction.
- (4) An order declaring a water shortage or imposing more severe restrictions shall become effective seven days after any notice required in subsection (1) is published. An order declaring a water shortage shall remain in effect until modified or rescinded by the Board.

- (5) A declaration of water shortage and any provision or restriction adopted pursuant thereto under the water shortage plan may be modified or rescinded by the Executive Director if the order rendering the Governing Board's declaration of water shortage specifically delegates to the Executive Director the authority to modify or rescind the existing water shortage restrictions.
- (6) All decisions of the Executive Director made pursuant to this subsection shall be by order and subject to ratification by the Board at the next scheduled Board meeting.
- (7) A declaration of water shortage and any provision or restriction adopted pursuant thereto under the water shortage plan may be modified or rescinded by the Board.

Specific Authority 373.044, 373.113 FS.
 Laws Implemented 373.175, 373.246 FS.
 History--New

PART III – EMERGENCY PROVISIONS

40A-21.331 DECLARING A WATER SHORTAGE EMERGENCY

- (1) The District shall monitor the condition of the water resources of the District and the needs of the users as provided in 40A-21.401 to determine whether a water shortage emergency exists. A water shortage emergency can occur under two situations: first, when specific users rather than classes of users must be restricted and second, when the emergency occurs so abruptly that immediate action is needed to restrict classes of users.
- (2) Current data shall be evaluated to determine whether the present or

anticipated water use demand of any user or class of users and the estimated present and anticipated available water supply will be insufficient for the protection of the public health, safety or welfare, or the health of animals, fish or aquatic life, a public water supply, or the minimum needs of commercial, industrial, agricultural, or other reasonable-beneficial uses.

- (a) The present and anticipated available water supply shall be estimated. Factors that shall be considered include:
 1. Those factors listed in 40A-21.221;
 2. The ability to obtain water from other users;
 3. The ability to obtain water from another source class; and
 4. Other factors affecting the present and anticipated available water supply of a user.
- (b) The potential for adverse impacts on the public health, safety, or welfare, or the health of animals, fish or aquatic life, or a public water supply, or commercial, industrial, agricultural or other reasonable-beneficial uses shall be evaluated. Factors that shall be considered include:
 1. Those factors listed in 40A-21.221;
 2. The extent to which adverse impacts can be reduced by imposing additional restrictions on other users from the same source class;
 3. The extent to which restricting other users from the same source class will create other adverse impacts;

4. If the user(s) affected is or includes a local governmental unit, the recommendations of its elected officials; and
 5. Factors relating to public health, safety and welfare.
- (3) If the provisions of a water shortage declaration are not sufficient to protect the public health, safety or welfare, the health of animals, fish or aquatic life, a public water supply, or commercial, industrial, agricultural, or other reasonable-beneficial uses, then the Executive Director, with the concurrence of the Governing Board, may declare a water shortage emergency for the affected users.
 - (4) If a water shortage emergency is declared for a class or classes of users, the Executive Director, with the concurrence of the Governing Board, shall define the restrictions needed to alleviate the emergency.
 - (5) The declaration of a water shortage emergency by the Executive Director, as provided in section 40A-21.331(3), shall be ratified, modified or rescinded by the Board at its next scheduled meeting.

Specific Authority 373.044, 373.113 FS.
Laws Implemented 373.119, 373.175, 373.246 FS.
History—New

40A-21.371 WATER USE RESTRICTIONS IN A WATER SHORTAGE EMERGENCY

- (1) When a water shortage emergency is declared and the Executive Director, with the concurrence of the Governing Board, issues orders imposing restrictions deemed necessary to meet the emergency, such restrictions may include: apportioning, rotating, limiting, or prohibiting the use of the

water resources of the District.

- (2) A water shortage emergency declaration shall identify all restrictions deemed necessary to meet the emergency. All users to whom an emergency order is directed will comply immediately, but may petition the Board for a hearing as set forth in Section 373.119, Florida Statutes.
- (3) All restrictions ordered pursuant to the declaration of a water shortage emergency shall be in addition to, and enforced in combination with, any and all restrictions imposed under a water shortage declaration, unless specifically stated otherwise within the orders.
- (4) All restrictions ordered pursuant to the declaration of a water shortage emergency by the Executive Director, as provided in section 40A-21.331(3), will be subject to ratification, modification or elimination by the Board at its next scheduled meeting.

Specific Authority 373.044, 373.113 FS.
Laws Implemented 373.119, 373.175, 373.246 FS.
History—New

40A-21.391 IMPLEMENTING A WATER SHORTAGE EMERGENCY DECLARATION

- (1) When a water shortage emergency is declared or if already declared and more severe restrictions are imposed, the District shall make reasonable effort to inform all users to whom an emergency order is directed of the existence of such order, and all associated restrictions, by the best, practicable means available under the circumstances. Particular attention shall be given to presenting this information in a form which is easily understood and applied by the citizens of the affected areas.
- (2) The District shall make reasonable

effort to notify each affected user of any change in the condition of his use, any suspension of his use, or any other restriction on his use by any means reasonable under the circumstances. When the Board concurs in and ratifies the Executive Director's action, affected permittees shall be notified as provided in subsection 40A-21.291(2).

- (3) The District shall notify local government officials of any water shortage emergency declaration. Notice shall be by the best, practicable means under the circumstances. In addition, local law enforcement officials shall be notified as soon as possible of any water shortage emergency declaration or change of restrictions affecting their areas of jurisdiction.
- (4) The declaration of a water shortage emergency and any measures adopted pursuant thereto may be modified or rescinded by the Executive Director, with the concurrence of the Governing Board, and later ratified, modified, or rescinded, by the Board at its next scheduled meeting or at any following meeting.
- (5) An order declaring a water shortage emergency and any measures adopted pursuant thereto shall become effective upon issuance, unless otherwise specified in the order. An order declaring a water shortage emergency and any measures adopted pursuant thereto shall remain in effect until modified or rescinded pursuant to subsection (4).

Specific Authority 373.044, 373.113 FS.
Laws Implemented 373.175, 373.246 FS.
History—New

PART IV – MONITORING AND ENFORCEMENT

40A-21.401 MONITORING

- (1) This section applies to the collection and analysis of data which the District may undertake in anticipation of and during a declared water shortage or water shortage emergency. Data obtained from monitoring efforts may be used to determine:
 - (a) Whether a water shortage warning should be issued;
 - (b) Whether an area should be designated a Water Use Caution Area;
 - (c) Whether a water shortage should be declared;
 - (d) Whether a water shortage emergency should be declared;
 - (e) Whether existing restrictions are needed or are sufficient to protect the water resources and users within the affected area, in light of existing and anticipated climatological and hydrologic conditions;
 - (f) Whether the restrictions in effect require additional enforcement efforts; or,
 - (g) Whether the restrictions in effect may be rescinded.
- (2) Data may be obtained from any reliable source available, including:
 - (a) The District, including information on permitted quantities, relevant pumpage and meter records, general hydrological, meteorological, and biological information and all other relevant information;

- (b) Other water management districts;
 - (c) Permittees who are required to submit data as a condition of their permit;
 - (d) Any local, state, or federal agency;
 - (e) Any other source available.
- (3) **Resource Monitoring.** When appropriate the District will collect and analyze data concerning any aspect of the water resource. Data which may be collected include:
- (a) Any existing management levels;
 - (b) Historical, current, and anticipated levels in surface and ground waters, including potentiometric heads in unconfined, confined, and semi-confined aquifers;
 - (c) Historic, current, and anticipated flows in surface waters;
 - (d) Historic, current and anticipated water quality in surface and ground waters;
 - (e) The extent to which water may be transferred from one source class to another;
 - (f) The extent to which present water use restrictions may enhance future supplies or postpone more stringent restrictions;
 - (g) Historical, current, and anticipated demand of natural systems, including losses due to evapotranspiration and seepage and needs of fish and wildlife;
 - (h) Historic, current, and anticipated seasonal fluctuations in rainfall;
 - (i) Other water quantity and quality factors affecting present and anticipated available water supply.

- (4) **Demand Monitoring.** When appropriate, the District will collect and analyze data concerning any aspect of user demand upon the water resources. Data which may be collected include:
- (a) Historical and estimated current and anticipated water use of permitted users;
 - (b) Historical and estimated current and anticipated water use of users exempt from permitting, but subject to the provisions of the water shortage plan;
 - (c) Historical and anticipated seasonal fluctuations in water use;
 - (d) The extent to which user demands may be met from other source classes; and
 - (e) Other factors affecting present and anticipated water use.

Specific Authority 373.044, 373.113 FS.
 Laws Implemented 373.175, 373.246 FS.
 History--New

40A-21.421 ENFORCEMENT

- (1) It is the policy of the District to seek the cooperation and assistance of the state, county and municipal governmental officials, and law enforcement officials in the enforcement of the water shortage plan or water shortage emergency or any water shortage order issued pursuant thereto. Counties and municipalities within the jurisdiction of the District are encouraged to adopt ordinances which provide for local enforcement of the provisions of this plan, or any order adopted pursuant thereto. It shall be the policy of the District to encourage local law enforcement officials to provide violators of the water use restrictions with no more than one written warning during the initial phases of a water shortage or water shortage emergency.

- (2) In enforcing the provisions of any water shortage order issued pursuant to this plan, the District may utilize any of the enforcement remedies available pursuant to Chapters 120 or 373, Florida Statutes.
- (3) Enforcement action may be initiated by the Executive Director or his Designee pursuant to Section 373.603, Florida Statutes, against an individual violator or class of violators or all of the violators of a particular water shortage order issued pursuant to this plan.
- (4) The Executive Director or his Designee may assign District personnel for the purpose of initiating enforcement action, pursuant to Section 373.603, Florida Statutes, against an individual violator or class of violators of any water shortage rule or order issued pursuant to this plan.
- (5) In the event that a water shortage or water shortage emergency has been declared and the provisions of this plan have been invoked, the Executive Director, with the concurrence of the Governing Board, may thereafter take appropriate emergency action pursuant to Sections 373.175(4), 373.246(7) and 120.69, Florida Statutes, or Chapter 40A-1.209, Florida Administrative Code, to enforce the provisions of this plan or any order issued pursuant thereto, or alleviate any emergency conditions which might thereafter occur. Such action shall be ratified, modified, or rescinded by the Board at its next scheduled meeting.
- (6) In the event a water user is in violation of the water shortage plan or any water shortage order issued pursuant thereto, it shall be presumed that the person present at the premises where such unauthorized use is occurring who has

possessory interest in those premises is responsible. In the event that no one is present at the premises while such unauthorized use is occurring, it shall be presumed that the owner of the premises is responsible for such use. These presumptions shall not affect the burden of proof of the District to present a prima facie case as to each violation, and shall be rebuttable by the presentation of evidence to indicate that another person was responsible for the unauthorized water use.

Specific Authority 373.044, 373.113, 373.246, 373.603, 373.609 FS.
Laws Implemented 373.175, 373.246 FS.
History--New

PART V - THE CLASSIFICATION SYSTEM

40A-21.511 CLASSIFICATION SYSTEM

Unless the emergency provisions of this plan are invoked, water users are regulated by class under the provisions of this water shortage plan. This section establishes the Classification System which provides the basis for distinguishing among different user classes. Under the system, each water user is classified according to source, use, and method of extraction or diversion.

Specific Authority 373.044, 373.113 FS.
Laws Implemented 373.175, 373.246 FS.
History--New

40A-21.531 SOURCE CLASSES

- (1) Each user may be classified according to ground or surface sources of water as described in Chapter 40A-2.501, F.A.C.
- (2) Those users who are required to obtain a Consumptive Use Permit under the provisions of Chapter 40A-2, Florida Administrative Code, will be assigned a source classification at the time the permit is issued.

40A-21.551 USE CLASSES

Each water user shall be given one or more of the following use classes regardless of whether the water is self-supplied or provided by a public water supply system. However, the Governing Board may establish such additional use classifications as it deems necessary.

- (1) **"Aesthetic Use"** means the use of water for fountains, waterfalls, and landscape lakes and ponds where such uses are primarily ornamental and decorative.
- (2) **"Agricultural Irrigation Use"** means the use of water for the commercial production of crops or the growing of farm products including: vegetables, citrus, pasture, nursery stock, turf grass and sod.
- (3) **"Aquacultural Use"** means the use of water for the spawning, cultivating, harvesting or marketing of fin-fish, shellfish, crustaceans, frogs, turtles, alligators and other aquatic organisms that have a sport or other economic value.
- (4) **"Aquifer Restoration Use"** means the withdrawal of water for the purpose of recovering contaminant(s) to restore or improve the quality of the water within an aquifer.
- (5) **"Commercial Use"** means the use of water integral to the production of the primary goods or services provided by a business establishment, such as a car wash and laundromat.
- (6) **"Dewatering Use"** means the removal of water from a specific area to facilitate mining or construction.
- (7) **"Diversion and Impoundment Into Non-District Facilities"** means the diversion or extraction of water into non-District impoundments and delivery systems designed for purposes including maintaining structural integrity, providing agricultural water and other non-recreational non-aesthetic use.
- (8) **"Domestic Use"** means any use of water for personal needs or for household purposes such as drinking, bathing, cooking, sanitation or cleaning, which occurs in a residence.
- (9) **"Essential Use"** means use of water strictly for fire fighting purposes, health and medical purposes and the use of water to satisfy federal, state or local public health and safety requirements.
- (10) **"Freeze Protection"** means the periodic and infrequent use of water to protect agricultural and nursery crops from permanent damage due to low temperatures. This action would be taken in response to forecasts of freezing temperatures by official weather forecasting services.
- (11) **"Golf Course Irrigation Use"** means water used to irrigate golf courses.
- (12) **"Heating and Cooling Use"** means the use of water for heating, air-conditioning or other cooling uses.
- (13) **"Industrial Use"** means the use of water integral to the production of the primary goods provided by a business establishment, and includes those many uses wherein the water serves the purposes of manufacturing, commerce, trade or industry.
- (14) **"Landscape Irrigation Use"** means the outside watering of plants, shrubs, grass, trees, and other such flora in landscapes surrounding homes, non-commercial household gardens, industrial buildings,

parks, recreational areas, cemeteries, public right-of-ways, and medians.

- (15) **"Livestock and Other Animal Use"** means the use of water for drinking by or washing of livestock, including zoo animals.
- (16) **"Mining Use"** means the use of water for extraction, transportation, or processing of minerals.
- (17) **"Navigation Use"** means water discharged from ground or surface sources either to tide water or to downstream lakes or reaches of rivers or canals for the purpose of permitting or protecting boating activity.
- (18) **"Nursery Irrigation Use (Non-agricultural)"** means the use of water on premises in which nursery plants are held for sale or distribution or shipment. The term does not apply to water used for production of nursery stock.
- (19) **"Other Outside Use"** means the use of water outdoors for dust control, the maintenance, cleaning and washing of structures and mobile equipment including automobiles and the washing of streets, driveways, sidewalks and similar areas.
- (20) **"Other Public Supply Use"** means the use of water in public drinking water systems not covered or included in the Florida Safe Drinking Water Act and as defined in Chapter 64E-8, Florida Administrative Code, Rule of the Department of Health.
- (21) **"Perishable Food Processing"** means industrial uses involving the processing of perishable foods.
- (22) **"Power Production Use"** means the use of water for steam generation and the use of water for cooling and for replenishment of cooling reservoirs.

- (23) **"Public Supply Use"** means water used for withdrawal, treatment, transmission and distribution by public water systems.
- (24) **"Recreation Area Irrigation Use"** means the use of water for irrigating recreational areas such as football, baseball, or soccer fields, and playgrounds.
- (25) **"Sanitation"** includes supplying water for toilet facilities and for cleaning, when the use occurs in a non-residence. This use DOES NOT include any use of water for personal needs, such as bathing, showering, use of lavatories, cooking, or drinking which occurs in a commercial or industrial establishment or any other type of non-residence.
- (26) **"Soil Flooding"** means the use of water for the raising of water levels on agricultural lands for purposes not directly related to crop growth including soil preservation, crop harvesting and pest control.
- (27) **"Water Based Recreation Use"** means water used for public or private swimming and wading pools, spas and other water-oriented recreation such as fishing, boating and water slides.

Specific Authority 373.044, 373.113 FS.
Laws Implemented 373.175, 373.246 FS.
History—New

40A-21.571 METHOD OF EXTRACTION OR DIVERSION CLASSES

Each water user may be identified by one or more of the following methods of extraction or withdrawal classes. However, the Governing Board may establish such additional classes as it deems necessary.

- (1) Surface Waters:
 - (a) pump
 - (b) gravity flow
 - (c) siphon

- (2) Ground Waters:
 - (a) flowing artesian well
 - (b) pumped well

Specific Authority 373.044, 373.113 FS.
 Laws Implemented 373.175, 373.246 FS.
 History–New

PART VI - SPECIFIC RESTRICTIONS

40A-21.601 SPECIFIC RESTRICTIONS

- (1) Upon declaration of a water shortage or water shortage emergency, the use of water in a manner inconsistent with the restrictions specified in this plan, shall be prohibited. It shall be the duty of each water user to stay informed as to the phase of water shortage and the applicable restrictions for the phase. Violation of the restrictions specified in this plan is subject to enforcement action pursuant to section 373.603, Florida Statutes, and 40A-21.421, Florida Administrative Code. The specific restrictions specified in this plan are presented in Sections 21.621, 21.631, 21.641, and 21.651.
- (2) Water users, when possible, shall maximize the use of water of the lowest acceptable water quality available, which includes the reuse of reclaimed water.
- (3) Water users having access to more than one source class shall maximize the use of the lesser or least restricted source class and the lowest acceptable water quality of that source class.
- (4) The use of reclaimed water is not restricted for all legitimate reuse activities. Irrigation sites using reclaimed water must include signs designed and located to inform the general public and District personnel of such use. When determined necessary and appropriate by the

Governing Board, the District may require signs be posted identifying the use of reclaimed water for other uses.

- (5) The use of recycled water from a holding pond(s) is allowed anytime provided the ponds are not augmented from wells or surface water sources.
- (6) In addition to the restrictions specified in this plan, wasteful and unnecessary water use is prohibited regardless of the phase of water shortage. Such wasteful and unnecessary water use shall include, but not be limited to:
 - (a) Allowing water to be dispersed without any practical purpose to the water user, regardless of the type of water use;
 - (b) Allowing water to be dispersed in a grossly inefficient manner, regardless of the type of water use;
 - (c) Allowing water to be dispersed to accomplish a purpose for which water use is unnecessary or which can be readily accomplished through alternative methods of significantly less water use.

Specific Authority 373.044, 373.113 FS.
 Laws Implemented 373.175, 373,246 FS.
 History–New

40A-21.621 PHASE I: MODERATE WATER SHORTAGE

A Phase I Water Shortage refers to a moderate shortage, whereby a reduction in overall user demand of up to 15 percent is necessary to achieve adequate protection of the water resource, and of the public health, safety, and welfare. In addition to the following restrictions, the Governing Board in consultation with District staff, shall when necessary, implement other restrictions to achieve the required percent reduction in overall demand.

- (1) Aesthetic Use (Fountains, Pond Water

Level Maintenance, etc.)

- (a) Outside use of water for aesthetic purposes is prohibited.
- (b) Voluntary reduction in the inside use of water for aesthetic purposes is encouraged.

(2) Agricultural Irrigation Use

- (a) Low volume irrigation is not restricted.
- (b) Overhead irrigation, except by traveling volume gun, will be restricted to the hours of 2:00 p.m. to 10:00 a.m.
- (c) Voluntary restrictions in the use of traveling volume gun irrigation systems is encouraged.
- (d) Irrigation of, or preparation for, planting new nursery plants is allowed any time of day for one 30 day period provided irrigation is limited to the amount necessary for plant establishment.
- (e) All irrigation systems will be operated in a manner that will maximize the amount of water placed and held in the root zone of the crop and will minimize the amount of water which is withdrawn and released or lost to the user but is not immediately available to other users.
- (f) Chemigation shall be coordinated with the irrigation schedules.
- (g) Watering in of chemicals, including insecticides, pesticides, fertilizers, fungicides, and herbicides, when required by law, the manufacturer, or best management practices, shall be coordinated with the irrigation schedules.
- (h) The operation of irrigation

systems for cleaning and maintenance purposes shall be limited to the minimum necessary to maintain efficient operation of the system and shall be limited to a maximum of once per week.

- (i) Flood and seepage irrigation methods shall not have a tailwater discharge from the property.
- (j) The voluntary use of other water conservation techniques is encouraged.

(3) Aquacultural Use

Voluntary reduction in water use is encouraged.

(4) Aquifer Restoration Use

The withdrawal of water shall be limited to the minimum necessary to efficiently operate the recovery system.

(5) Commercial Use

- (a) The use of fresh water shall be reduced to the greatest extent practicable by employing water conserving measures and water conserving devices.
- (b) Off-site discharge shall be reduced or eliminated to the extent possible.
- (c) Recycled water shall be used to replace fresh water wherever feasible.
- (d) Clean-up requiring water use shall be reduced to the minimum required to protect the efficiency of the operation and prevent damage to equipment.
- (e) Reduce or suspend the washing of vehicles except for health and safety needs.
- (f) Voluntary reductions in water used in other commercial processes are encouraged.

- (6) Dewatering Use
Discharge of fresh water to tide is prohibited.
- (7) Diversion & Impoundment into Non-District Facility
Voluntary reductions in diversions are encouraged.
- (8) Domestic Use
Voluntary reduction of household domestic use to 60 gallons per person per day is encouraged.
- (9) Essential use
 - (a) The use of water for firefighting and health or medical purposes is not restricted.
 - (b) Fire hydrant flushing and testing is restricted to that necessary for the protection of human health, safety, and welfare.
 - (c) Sanitary sewer line flushing and testing will be restricted on a voluntary basis.
- (10) Freeze Protection
Water use is limited to situations in which official weather forecast services predict freezing temperatures likely to cause permanent damage to crops.
- (11) Golf Course Irrigation Use
 - (a) Irrigation of greens and tees shall be reduced to the maximum extent practicable and shall be accomplished during non-daylight hours.
 - (b) Irrigation of fairways, roughs, and non-play areas on the front one half of the course(s) shall be restricted to the hours of 12:00 midnight to 8:00 a.m. on Monday, Wednesday, and Saturday.

- (c) Irrigation of fairways, roughs, and non-play areas on the back one half of the course(s) shall be restricted to the hours of 12:00 midnight to 8:00 a.m. on Tuesday, Thursday, and Sunday.
 - (d) Irrigation of seeded or sprigged areas that have been in place for less than thirty days shall be allowed daily for 10 minutes per irrigation zone from 11:30 a.m. to 12:00 p.m., 1:30 p.m. to 2:00 p.m., and 3:30 p.m. to 4:00 p.m.
 - (e) Reduce or suspend as possible, those horticultural practices which stimulate the need for increased irrigation.
 - (f) Chemigation shall be coordinated with the irrigation schedules.
 - (g) Watering in of chemicals, including insecticides, pesticides, fertilizers, fungicides, and herbicides, when required by law, the manufacturer, or best management practices, shall be coordinated with the irrigation schedules.
 - (h) The operation of irrigation systems for cleaning and maintenance purposes shall be limited to the minimum necessary to maintain efficient operation of the system and shall be limited to a maximum of once per week.
- (12) Heating and Cooling Use
 - (a) The use of water is restricted to that necessary to maintain temperatures no colder than 68 degrees and no warmer than 78 degrees.
 - (b) Discharge of water from heating or cooling systems shall be limited to pervious surfaces.
 - (13) Industrial Process and Perishable Food Processing Uses

Voluntary reduction in water used in industrial processes is encouraged.

(14) Landscape Irrigation and Recreation Area Irrigation Use.

- (a) Irrigation of new landscape (installed less than 30 days) is restricted to the hours of 12:00 a.m. to 8:00 a.m. Monday through Friday.
- (b) Irrigation of established landscape at locations with odd numbered addresses is restricted to the hours of 12:00 a.m. to 8:00 a.m. on Monday, Wednesday, and Saturday.
- (c) Irrigation of established landscape at locations with even numbered addresses or with no address is restricted to the hours of 12:00 a.m. to 8:00 a.m. on Tuesday, Thursday, and Sunday.
- (d) Low volume watering of new and established landscaping is not restricted, but should be voluntarily reduced.
- (e) Chemigation shall be coordinated with irrigation schedules.
- (f) Watering in of chemicals, including insecticides, pesticides, fertilizers, fungicides, and herbicides, when required by law, the manufacturer, or best management practices, shall be coordinated with the irrigation schedules.
- (g) The operation of irrigation systems for cleaning and maintenance shall be limited to the minimum necessary to maintain efficient operation of the system and shall be limited to a maximum of once per week.

(15) Livestock Use and Other Animal Use

Voluntary reduction in water use is encouraged.

(16) Mining Use

- (a) Impounded surface water shall be used to replace fresh water withdrawals wherever possible.
- (b) Spraying for dust control shall be reduced to the minimum required for health and safety.
- (c) Closed pipes shall be utilized for conveying water where feasible.

(17) Navigation Use

Requests may be made for additional releases from upstream impoundments.

(18) Nursery Irrigation Use (Non-agricultural)

- (a) Voluntary reduction of water use by low volume irrigation methods (e.g., micro-irrigation) is encouraged.
- (b) Overhead irrigation of nursery plants is restricted to the hours of 12:00 noon to 1:00 p.m. and from 7:00 p.m. to 7:00 a.m. seven days a week.
- (c) Chemigation shall be coordinated with the irrigation schedules.
- (d) Watering in of chemicals, including insecticides, pesticides, fertilizers, fungicides, and herbicides, when required by law, the manufacturer, or best management practices, shall be coordinated with the irrigation schedules.
- (e) The operation of irrigation systems for cleaning and maintenance purposes shall be limited to the minimum necessary to maintain efficient operation of the system and shall be limited to a maximum of once per week.

- (f) The use of flooding for irrigation purposes shall be limited to 8 days per month.

(19) Other Outside Uses

- (a) Washing or cleaning of streets, driveways, sidewalks, and other impervious surfaces is prohibited, except to meet federal, state or local health or safety standards.
- (b) Non-commercial vehicle and mobile equipment washing is allowed on pervious surfaces only, during landscape irrigation hours, by low volume methods only.
- (c) Washing boats that serve as a primary residence shall be restricted to the hours and days prescribed for existing landscape irrigation. Boats with an odd slip number shall be permitted to be washed on Monday, Wednesday and Saturday. Boats with an even slip number or no slip number shall be permitted to be washed on Tuesday, Thursday and Sunday.
- (d) Rinsing of boats and flushing of boat engines after use shall be limited to ten minutes a day.
- (e) Outside pressure cleaning is allowed, using low volume processes only, seven days per week.

(20) Power Production Use

- (a) To the greatest extent practicable, power production from facilities utilizing the water source experiencing the shortage should be minimized while maximizing the use of facilities dependent on less affected water sources.
- (b) Non-essential uses of water, plant

cleaning, and water-cooled air conditioning shall be reduced or eliminated to the greatest extent possible.

- (c) Power companies should encourage customers to reduce power consumption, so that they may reduce power generation, and in turn, reduce water consumption.
- (d) Voluntary reductions in other water uses is encouraged.

(21) Public Supply Use

- (a) Initial pressure at the point of use (meter) will be reduced by 15% where it is operationally feasible to do so. Prior to the reduction of pressure, the utility will notify the appropriate firefighting agencies and make arrangements for direct communication when additional pressure is required.
- (b) Utilities shall institute, as appropriate, conservation measures such as improving and accelerating leak detection surveys and repair programs, and installing and calibrating meters.
- (c) New water line flushing and disinfection shall be limited to minimum requirements.

(22) Sanitation and Other Public Supply Uses

Voluntary reduction in water use by 15% is encouraged.

(23) Soil Flooding Use

- (a) Flooding is prohibited for pest control and soil preservation.
- (b) Voluntary reductions in water used for sod-flooding to permit harvesting is encouraged.

(24) Water Based Recreation Use

- (a) Filling is permitted for new and existing facilities, but should be voluntarily reduced.
- (b) Makeup water is permitted for new and existing facilities, but should be voluntarily reduced.
- (c) Draining of facilities into sewers or onto impervious surfaces is prohibited.
- (d) Voluntary reductions in water used for other aspects of Water based recreation is encouraged.

Specific Authority 373.044, 373.113 FS.
 Laws Implemented 373.175, 373.246 FS.
 History–New

40A-21.631 PHASE II: SEVERE WATER SHORTAGE

A Phase II Water Shortage refers to a severe shortage, whereby a reduction in overall user demand of up to 30 percent is necessary to achieve adequate protection of the water resource, and of the public health, safety, and welfare. In addition to the following restrictions, the Governing Board in consultation with District staff, shall when necessary, implement other restrictions to achieve the required percent reduction in overall demand.

- (1) Aesthetic Use (Fountains, Pond Water Level Maintenance, etc.)
 - (a) Outside use of water for aesthetic purposes is prohibited.
 - (b) Voluntary reduction in the inside use of water for aesthetic purposes is encouraged.
- (2) Agricultural Irrigation Use
 - (a) Low volume irrigation is not restricted.
 - (b) Overhead irrigation, except traveling volume gun, will be restricted to the hours of 2:00 p.m.

- to 10:00 a.m.
- (c) Traveling volume gun irrigation will be reduced to the maximum extent practicable, and will be restricted to the hours of 5:00 p.m. to 2:00 p.m.
- (d) Irrigation of or preparation for planting new nursery plants is allowed any time of day for one 30 day period provided irrigation is limited to the amount necessary for plant establishment.
- (e) All irrigation systems will be operated in a manner that will maximize the amount of water placed and held in the root zone of the crop and will minimize the amount of water which is withdrawn and released or lost to the user but is not immediately available to other users.
- (f) Chemigation shall be coordinated with irrigation schedules.
- (g) Watering in of chemicals, including insecticides, pesticides, fertilizers, fungicides, and herbicides, when required by law, the manufacturer, or best management practices, shall be coordinated with the irrigation schedules.
- (h) The operation of irrigation systems for cleaning and maintenance purposes shall be limited to the minimum necessary to maintain efficient operation of the system and shall be limited to a maximum of once per week.
- (i) Flood and seepage irrigation methods shall not have a tailwater discharge from the property.
- (j) The voluntary use of other water conservation techniques is encouraged.

- (3) Aquacultural Use
Voluntary reduction in water use is encouraged.
- (4) Aquifer Restoration Use
The withdrawal of water shall be limited to the minimum necessary to efficiently operate the recovery system.
- (5) Commercial Use
 - (a) The use of water at commercial car washes with odd addresses is restricted to Friday through Wednesday.
 - (b) The use of water at commercial car washes with even addresses or no address is restricted to Thursday through Tuesday.
 - (c) Other commercial uses of water shall be reduced to the greatest extent practicable by employing water conserving measures and water conserving devices.
 - (d) Off-site discharge shall be reduced or eliminated to the extent possible.
 - (e) Recycled water shall be used to replace fresh water wherever feasible.
 - (f) Clean-up requiring water use shall be reduced to the minimum required to protect the efficiency of the operation and prevent damage to equipment.
 - (g) Reduce or suspend the washing of vehicles except for health and safety needs.
- (6) Dewatering Use
Discharge of fresh water to tide is prohibited.
- (7) Diversion & Impoundment into Non-

District Facility

Voluntary reductions in diversions are encouraged.

- (8) Domestic Use
Voluntary reduction of household domestic use to 50 gallons per person per day is encouraged.
- (9) Essential use
 - (a) The use of water for firefighting and health or medical purposes is not restricted.
 - (b) Fire hydrant flushing and testing is restricted to that necessary for the protection of human health, safety, and welfare.
 - (c) Sanitary sewer line flushing and testing will be restricted on a voluntary basis.
- (10) Freeze Protection
Water use is limited to situations in which official weather forecast services predict freezing temperatures likely to cause permanent damage to crops.
- (11) Golf Course Irrigation Use
 - (a) Irrigation of greens and tees shall be reduced to the maximum extent practicable and shall be accomplished during non-daylight hours.
 - (b) Irrigation of fairways, roughs, and non-play areas on the front one half of the course(s) shall be restricted to the hours of 12:00 midnight to 8:00 a.m. on Wednesday, and Saturday.
 - (c) Irrigation of fairways, roughs, and non-play areas on the back one half of the course(s) shall be restricted to the hours of 12:00 midnight to 8:00 a.m. on Thursday, and Sunday.

- (d) Irrigation of seeded and/or sprigged areas that have been in place for less than thirty days shall be allowed daily for 5 minutes per irrigation zone from 11:30 a.m. to 12:00 p.m., 1:30 p.m. to 2:00 p.m., and 3:30 p.m. to 4:00 p.m.
 - (e) Reduce or suspend as possible, those horticultural practices which stimulate the need for increased irrigation.
 - (f) Chemigation shall be coordinated with the irrigation schedules.
 - (g) Watering in of chemicals, including insecticides, pesticides, fertilizers, fungicides, and herbicides, when required by law, the manufacturer, or best management practices, shall be coordinated with the irrigation schedules.
 - (h) The operation of irrigation systems for cleaning and maintenance purposes shall be limited to the minimum necessary to maintain efficient operation of the system and is limited to a maximum of once per week.
- (12) Heating and Cooling Use
- (a) The use of water is restricted to that necessary to maintain temperatures no colder than 68 degrees and no warmer than 78 degrees.
 - (b) Discharge of water from heating or cooling systems shall be limited to pervious surfaces.
- (13) Industrial Process and Perishable Food Processing Uses
- (a) Nonessential uses, plant cleaning, and water-cooled air conditioning, shall be reduced or eliminated to the greatest extent possible.
 - (b) Recycled water shall be used wherever feasible.
 - (c) Voluntary reduction in water used in other industrial processes is encouraged.
- (14) Landscape Irrigation and Recreation Area Irrigation Use.
- (a) Irrigation of new landscape (installed less than 30 days) is restricted to the hours of 12:00 a.m. to 8:00 a.m. on Monday, Tuesday, and Thursday through Friday.
 - (b) Irrigation of established landscape at locations with odd numbered addresses is restricted to Wednesday, and Saturday between the hours of 12:00 a.m. and 8:00 a.m.
 - (c) Irrigation of established landscape at locations with even numbered addresses or with no address is restricted to Thursday, and Sunday between the hours of 12:00 a.m. and 8:00 a.m.
 - (d) Low volume watering of new and established landscaping is not restricted, but should be voluntarily reduced.
 - (e) Chemigation shall be coordinated with the irrigation schedules.
 - (f) Watering in of chemicals, including insecticides, pesticides, fertilizers, fungicides, and herbicides, when required by law, the manufacturer, or best management practices, shall be coordinated with the irrigation schedules.
 - (g) The operation of irrigation systems for cleaning and maintenance shall be limited to the minimum necessary to maintain efficient

operation of the system and shall be limited to a maximum of once per week.

- (15) Livestock Use and Other Animal Use
Voluntary reduction in water use is encouraged.
- (16) Mining Use
 - (a) Impounded surface water shall be used to replace fresh water withdrawals wherever possible.
 - (b) Spraying for dust control shall be kept to the minimum required for health and safety.
 - (c) Closed pipes shall be utilized for conveying water where feasible.
- (17) Navigation Use
Requests may be made for additional releases from upstream impoundments.
- (18) Nursery Irrigation Use (Non-agricultural)
 - (a) Voluntary reduction of water use by low volume irrigation methods (e.g., micro-irrigation) is encouraged.
 - (b) Overhead irrigation of nursery plants is restricted to the hours of 12:00 noon to 1:00 p.m. and from 7:00 p.m. to 7:00 a.m. on Monday, Wednesday, and Saturdays.
 - (c) Chemigation shall be coordinated with the irrigation schedules.
 - (d) Watering in of chemicals, including insecticides, pesticides, fertilizers, fungicides, and herbicides, when required by law, the manufacturer, or best management practices, shall be coordinated with the irrigation schedules.

(e) The operation of irrigation systems for cleaning and maintenance purposes shall be limited to the minimum necessary to maintain efficient operation of the system and shall be limited to a maximum of once per week.

(f) The use of flooding for irrigation purposes shall be limited to 8 days per month.

(19) Other Outside Uses

(a) Washing or cleaning of streets, driveways, sidewalks and other impervious surfaces is prohibited, except to meet federal, state or local health or safety standards.

(b) Non-commercial vehicle and mobile equipment washing is allowed on pervious surfaces only, during landscape irrigation hours, by low volume methods only.

(c) Washing boats that serve as a primary residence shall be restricted to the hours and days prescribed for existing landscape irrigation. Boats with an odd slip number shall be permitted to be washed on Wednesday and Saturday. Boats with an even slip number or no slip number shall be permitted to be washed on Thursday and Sunday.

(d) Rinsing of boats and flushing of boat engines after use shall be limited to ten minutes a day.

(e) Outside pressure cleaning is allowed using low volume processes only, seven days per week.

(20) Power Production Use

(a) To the greatest extent practicable, power production from facilities utilizing the water source

experiencing the shortage should be minimized while maximizing the use of facilities dependent on less affected water sources.

- (b) Non-essential uses of water, plant cleaning, and water-cooled air conditioning shall be reduced or eliminated to the greatest extent possible.
- (c) Power companies should encourage customers to reduce power consumption, so that they may reduce power generation, and in turn, reduce water consumption.
- (d) Voluntary reductions in other water uses is encouraged.

(21) Public Supply Use

- (a) Initial pressure at the point of use (meter) will be reduced by 15% where it is operationally feasible to do so. Prior to the reduction of pressure, the utility will notify the appropriate fire fighting agencies and make arrangements for direct communication when additional pressure is required.
- (b) Utilities shall institute, as appropriate, conservation measures such as improving and accelerating leak detection surveys and repair programs, and installing and calibrating meters.
- (c) New water line flushing and disinfection shall be limited to minimum requirements.

(22) Sanitation and Other Public Supply Uses

Voluntary reduction in water use by 15% is encouraged.

(23) Soil Flooding Use

- (a) Flooding is prohibited for pest

control and soil preservation.

- (b) Voluntary reductions in water used for sod-flooding to permit harvesting is encouraged.

(24) Water Based Recreation Use

- (a) Filling of new facilities is permitted.
- (b) Filling of existing facilities is prohibited.
- (c) Makeup water for new and existing facilities is permitted, but should be voluntarily reduced.
- (d) Draining of facilities into sewers or onto impervious surfaces is prohibited.
- (e) Voluntary reductions in water used for other aspects of water based recreation is encouraged.

Specific Authority 373.044, 373.113 FS.
Laws Implemented 373.175, 373.246 FS.
History--New

40A-21.641 PHASE III: EXTREME WATER SHORTAGE

A Phase III Water Shortage refers to an extreme shortage, whereby a reduction in overall user demand of up to 45 percent is necessary to achieve adequate protection of the water resource, and of the public health, safety, and welfare. In addition to the following restrictions, the Governing Board in consultation with District staff, shall when necessary, implement other restrictions to achieve the required percent reduction in overall demand.

- (1) Aesthetic Use (i.e., Fountains, Pond Water Level Maintenance.)
 - (a) Outside use of water for aesthetic purposes is prohibited.
 - (b) Inside use of water for aesthetic purposes is prohibited.

(2) Agricultural Irrigation Use

- (a) Low volume irrigation is not restricted.
- (b) Overhead irrigation, except traveling volume gun, will be restricted to the hours of 7:00 p.m. to 9:00 a.m. However, overhead irrigation of containerized nursery stock for heat/moisture stress reduction is allowed between the hours of 12:00 noon and 1:00 p.m.
- (c) Traveling volume gun irrigation will be reduced to the maximum extent practicable, and will be restricted to the hours of 5:00 p.m. to 11:00 a.m.
- (d) Irrigation of, or preparation for, planting new nursery plants is allowed any time of day for one 30 day period provided irrigation is limited to the amount necessary for plant establishment.
- (e) All irrigation systems will be operated in a manner that will maximize the amount of water placed and held in the root zone of the crop and will minimize the amount of water which is withdrawn and released or lost to the user but is not immediately available to other users.
- (f) Chemigation shall be coordinated with irrigation schedules.
- (g) Watering in of chemicals, including insecticides, pesticides, fertilizers, fungicides, and herbicides, when required by law, the manufacturer, or best management practices, shall be coordinated with the irrigation schedules.
- (h) The operation of irrigation systems for cleaning and

maintenance purposes shall be limited to the minimum necessary to maintain efficient operation of the system and shall be limited to a maximum of once per week.

- (i) Flood and seepage irrigation methods shall not have a tailwater discharge from the property.
- (j) Voluntary use of other water conservation techniques is encouraged.

(3) Aquacultural Use

Voluntary reduction in water use is encouraged.

(4) Aquifer Restoration Use

The withdrawal of water shall be limited to the minimum necessary to efficiently operate the recovery system.

(5) Commercial Use

- (a) Water use at commercial car washes with odd numbered addresses is restricted to Monday, Wednesday, Friday, Saturday, and Sunday.
- (b) Water use at commercial car washes with even numbered addresses and locations with no address is restricted to Monday, Tuesday, Thursday, Saturday, and Sunday.
- (c) Other commercial processes are encouraged to make a 15% voluntary reduction based on 3 months normal operation prior to the initial declaration of water shortage.
- (d) Off-site discharge shall be reduced or eliminated to the extent possible.
- (e) Recycled water shall be used to replace fresh water wherever feasible.

- (f) Clean-up requiring water use shall be reduced to the minimum required to protect the efficiency of the operation and prevent damage to equipment.
 - (g) Reduce or suspend the washing of vehicles except for health and safety needs.
- (6) Dewatering Use
- (a) Discharge of fresh water to tide is prohibited.
 - (b) Discharge of fresh water offsite is prohibited.
- (7) Diversion & Impoundment into Non-District Facility
- Voluntary reductions in diversions are encouraged.
- (8) Domestic Use
- Voluntary reduction of household domestic use to 40 gallons per person per day is encouraged.
- (9) Essential use
- (a) The use of water for firefighting and health or medical purposes is not restricted.
 - (b) Fire hydrant flushing and testing is restricted to that necessary for the protection of human health, safety, and welfare.
 - (c) Sanitary sewer line flushing and testing will be restricted on a voluntary basis.
- (10) Freeze Protection
- Water use is limited to situations in which official weather forecast services predict freezing temperatures likely to cause permanent damage to crops.
- (11) Golf Course Irrigation Use
- (a) Irrigation of greens shall be

- reduced to the maximum extent practical and accomplished during non-daylight hours.
- (b) Irrigation of tees on the front one half of the course(s) shall be accomplished during non-daylight hours on Monday, Wednesday, and Saturday.
 - (c) Irrigation of tees on the back one half of the course(s) shall be accomplished during non-daylight hours on Tuesday, Thursday, and Sunday.
 - (d) Irrigation of fairways, roughs, and non-play areas on the front one half of the course(s) shall be accomplished between the hours of 12:00 midnight to 8:00 a.m. on Saturday.
 - (e) Irrigation of fairways, roughs, and non-play areas on the back one half of the course(s) shall be accomplished between the hours of 12:00 midnight to 8:00 a.m. on Sundays.
 - (f) Reduce or suspend as possible, those horticultural practices which stimulate the need for increased irrigation.
 - (g) Chemigation shall be coordinated with the irrigation schedules.
 - (h) Watering in of chemicals, including insecticides, pesticides, fertilizers, fungicides, and herbicides, when required by law, the manufacturer, or best management practices, shall be coordinated with the irrigation schedules.
 - (i) The operation of irrigation systems for cleaning and maintenance purposes shall be limited to the minimum necessary to maintain efficient operation of the system

and shall be limited to a maximum of once per week.

(12) Heating and Cooling Use

- (a) Water use shall be restricted to that necessary to maintain temperatures no colder than 78 degrees and no warmer than 68 degrees.
- (b) Discharge of water from heating or cooling systems shall be limited to pervious surfaces.

(13) Industrial Process and Perishable Food Processing Uses

- (a) Voluntary 15% reduction in water used in Industrial processes, based on three months of normal operation prior to initial declaration of the water shortage, is encouraged.
- (b) Recycled water shall be used wherever feasible.
- (c) Nonessential uses, plant cleaning, and water-cooled air conditioning, shall be reduced or eliminated to the greatest extent possible.

(14) Landscape Irrigation and Recreation Area Irrigation Use.

- (a) Irrigation of new landscape (installed less than 30 days) is restricted to the hours of 12:00 a.m. to 8:00 a.m. on Monday, Wednesday, and Friday.
- (b) Irrigation of established landscape at locations with odd numbered addresses shall occur between the hours of 12:00 a.m. and 8:00 a.m. on Saturday.
- (c) Irrigation of established landscape at locations with even number addresses or no address shall be accomplished between the hours of 12:00 a.m. and 8:00 a.m. on

Sunday.

- (d) Low volume watering of new and established landscaping is not restricted, but should be voluntarily reduced.
- (e) Chemigation shall be coordinated with the irrigation schedules.
- (f) Watering in of chemicals, including insecticides, pesticides, fertilizers, fungicides, and herbicides, when required by law, the manufacturer, or best management practices, shall be coordinated with the irrigation schedules.
- (g) The operation of irrigation systems for cleaning and maintenance shall be limited to the minimum necessary to maintain efficient operation of the system and shall be limited to a maximum of once per week.

(15) Livestock and Other Animal Use

Voluntary reduction in water use is encouraged.

(16) Mining Use

- (a) Impounded surface water shall be used to replace fresh water withdrawals wherever possible.
- (b) Spraying for dust control shall be kept to the minimum required for health and safety.
- (c) Closed pipes shall be utilized for conveying water where feasible.

(17) Navigation Use

Requests may be made for additional releases from upstream impoundments.

(18) Nursery Irrigation Use (Non-agricultural)

- (a) Voluntary reduction of water use by low volume irrigation methods

(e.g., micro-irrigation) is encouraged.

- (b) Overhead irrigation of nursery plants is restricted to the hours of 12:00 noon to 1:00 p.m. and from 12:00 a.m. to 7:00 a.m. on Monday, Wednesday, and Saturdays.
- (c) Chemigation shall be coordinated with the irrigation schedules.
- (d) Watering in of chemicals, including insecticides, pesticides, fertilizers, fungicides, and herbicides, when required by law, the manufacturer, or best management practices, shall be coordinated with the irrigation schedules.
- (e) The operation of irrigation systems for cleaning and maintenance purposes shall be limited to the minimum necessary to maintain efficient operation of the system and shall be limited to a maximum of once per week.
- (g) The use of flooding for irrigation purposes shall be limited to 4 days per month.

(19) Other Outside Uses

- (a) Washing or cleaning of streets, driveways, sidewalks or other impervious surfaces is prohibited, except to meet federal, state, or local health or safety standards.
- (b) Non-commercial vehicle and mobile equipment washing is allowed on pervious surfaces only, during landscape irrigation hours, by low volume methods only.
- (c) Washing boats that serve as a primary residence shall be restricted to the hours and days

prescribed for existing landscape irrigation. Boats with an odd slip number shall be permitted to be washed on Saturday. Boats with an even slip number or no slip number shall be permitted to be washed on Sunday.

- (d) Rinsing of boats and flushing of boat engines after use shall be limited to ten minutes a day.
- (e) Outside pressure cleaning is allowed using low volume processes only, Monday through Friday.

(20) Power Production Use

- (a) To the greatest extent practicable, power production from facilities utilizing the water source experiencing the shortage should be minimized while maximizing the use of facilities dependent on less affected water sources.
- (b) Non-essential uses of water, plant cleaning, and water-cooled air conditioning shall be reduced or eliminated to the greatest extent possible.
- (c) Power companies should encourage customers to reduce power consumption, so that they may reduce power generation, and in turn, reduce water consumption.
- (d) Voluntary reductions in other water uses is encouraged.

(21) Public Supply Use

- (a) Initial pressure at the point of use (meter) will be reduced by 15% where it is operationally feasible to do so. Prior to the reduction of pressure, the utility will notify the appropriate firefighting agencies and make arrangements for direct communication when additional

pressure is required.

- (b) Utilities shall institute, as appropriate, conservation measures such as improving and accelerating leak detection surveys and repair programs, and installing and calibrating meters.
 - (c) New water line flushing and disinfection shall be limited to minimum requirements.
- (22) Sanitation and Other Public Supply Uses
- Voluntary reduction in water use by 30% is encouraged.
- (23) Soil Flooding Use
- (a) Sod-flooding for pest control and soil preservation is prohibited.
 - (b) Sod-flooding to permit harvesting is prohibited.
- (24) Water Based Recreation Use
- (a) Filling of new facilities is permitted.
 - (b) Filling of existing facilities is prohibited.
 - (c) Makeup water for new and existing facilities is permitted, but should be voluntarily reduced.
 - (d) Draining of facilities into sewers or onto impervious surfaces is prohibited.
 - (e) Voluntary reductions in water used for other aspects of water based recreation is encouraged.

Specific Authority 373.044, 373.113 FS.
Laws Implemented 373.175, 373.246 FS.
History–New

40A-21.651 PHASE IV: CRITICAL WATER SHORTAGE

A Phase IV Water Shortage refers to a critical shortage, whereby a reduction in

overall user demand of up to 60 percent is necessary to achieve adequate protection of the water resource, and of the public health, safety, and welfare. In addition to the following restrictions, the Governing Board in consultation with District staff, shall when necessary, implement other restrictions to achieve the required percent reduction in overall demand.

- (1) Aesthetic Use (Fountains, Pond Water Level Maintenance, etc.)
 - (a) Outside use of water for aesthetic purposes is prohibited.
 - (b) Inside use of water for aesthetic purposes is prohibited.
- (2) Agricultural Irrigation Use
 - (a) Low volume irrigation is not restricted.
 - (b) Overhead irrigation, excluding traveling volume gun, will be restricted to the hours of 7:00 p.m. to 9:00 a.m. However, overhead irrigation of containerized nursery stock for heat/moisture stress reduction is allowed between the hours of 12:00 noon and 1:00 p.m.
 - (c) Traveling volume gun irrigation will be reduced to the maximum extent practicable, and will be restricted to the hours of 5:00 p.m. to 11:00 a.m.
 - (d) Irrigation of or preparation for planting new nursery plants is allowed any time of day for one 30 day period provided irrigation is limited to the amount necessary for plant establishment.
 - (e) All irrigation systems will be operated in a manner that will maximize the amount of water placed and held in the root zone of the crop and will minimize the amount of water which is

withdrawn and released or lost to the user but is not immediately available to other users.

- (f) Chemigation shall be coordinated with the irrigation schedules.
 - (g) Watering in of chemicals, including insecticides, pesticides, fertilizers, fungicides, and herbicides, when required by law, the manufacturer, or best management practices, shall be coordinated with the irrigation schedules.
 - (h) The operation of irrigation systems for cleaning and maintenance purposes shall be limited to the minimum necessary to maintain efficient operation of the system and shall be limited to a maximum of once per week.
 - (i) Flood and seepage irrigation methods shall not have a tailwater discharge from the property.
 - (j) The voluntary use of other water conservation techniques is encouraged.
- (3) Aquacultural Use
Voluntary reduction in water use is encouraged.
- (4) Aquifer Restoration Use
The withdrawal of water shall be limited to the minimum necessary to efficiently operate the recovery system.
- (5) Commercial Use
- (a) Water use at commercial car washes with odd numbered addresses is restricted to Monday, Wednesday, Friday, Saturday, and Sunday.
 - (b) Water use at commercial car

washes with even numbered addresses and locations with no address is restricted to Monday, Tuesday, Thursday, Saturday, and Sunday.

- (c) Other commercial processes are encouraged to make a 15% voluntary reduction based on 3 months normal operation prior to the initial declaration of water shortage.
 - (d) Off-site discharge shall be reduced or eliminated to the extent possible.
 - (e) Recycled water shall be used to replace fresh water wherever feasible.
 - (f) Clean-up requiring water use shall be reduced to the minimum required to protect the efficiency of the operation and prevent damage to equipment.
 - (g) Reduce or suspend the washing of vehicles except for health and safety needs.
- (6) Dewatering Use
- (a) Discharge of fresh water to tide is prohibited.
 - (b) Discharge of fresh water offsite is prohibited.
- (7) Diversion & Impoundment into Non-District Facility
Voluntary reductions in diversions are encouraged.
- (8) Domestic Uses
Voluntary reduction of household domestic use to 30 gallons per person per day is encouraged.
- (9) Essential use
- (a) The use of water for firefighting and health or medical purposes is

not restricted.

- (b) Fire hydrant flushing and testing is restricted to that necessary for the protection of human health, safety, and welfare.
- (c) Sanitary sewer line flushing and testing is restricted to that necessary for the protection of human health, safety, and welfare.

(10) Freeze Protection

Water use is limited to situations in which official weather forecast services predict freezing temperatures likely to cause permanent damage to crops.

(11) Golf Course Irrigation Use

- (a) Irrigation of greens shall be reduced to the maximum extent practicable and shall be accomplished during non-daylight hours.
- (b) Irrigation of tees on the front one half of the course(s) shall be restricted to non-daylight hours on Saturday.
- (c) Irrigation of tees on the back one half of the course shall be restricted to non-daylight hours on Sunday.
- (d) Irrigation of fairways, roughs, and non-play areas on the front one half of the course(s) shall be restricted to the hours of 4:00 a.m. to 7:00 a.m. on Saturday.
- (e) Irrigation of fairways, roughs, and non-play areas on the back one half of the course(s) shall be restricted to hours of 4:00 a.m. to 7:00 a.m. on Sunday.
- (f) Reduce or suspend as possible, those horticultural practices which stimulate the need for increased

irrigation.

- (g) Chemigation shall be coordinated with the irrigation schedules.
- (h) Watering in of chemicals, including insecticides, pesticides, fertilizers, fungicides, and herbicides, when required by law, the manufacturer, or best management practices, shall be coordinated with the irrigation schedules.
- (i) The operation of irrigation systems for cleaning and maintenance purposes shall be limited to the minimum necessary to maintain efficient operation of the system and shall be limited to a maximum of once per week.

(12) Heating and Cooling Use

- (a) The use of water is restricted to that necessary to maintain temperatures no colder than 68 degrees and no warmer than 78 degrees.
- (b) No immediate discharge of water to tide-water is permitted.
- (c) Any water not directly returned to the source from which it was withdrawn shall be reused, if possible.
- (d) Discharge of water from heating or cooling systems shall be limited to pervious surfaces.

(13) Industrial Process and Perishable Food Processing Uses

- (a) Voluntary 15% reduction in water used in Industrial processes, based on three months of normal operation prior to initial declaration of the water shortage, is encouraged.
- (b) Recycled water shall be used wherever feasible.

- (c) Nonessential uses, plant cleaning, and water-cooled air conditioning, shall be reduced or eliminated to the greatest extent possible.
- (14) Landscape Irrigation and Recreation Area Irrigation Use.
- (a) Irrigation of new landscape (installed less than 30 days) is restricted to the hours of 4:00 a.m. to 7:00 a.m. on Saturday.
 - (b) Irrigation of existing landscape at a location with an odd numbered address shall occur between the hours of 6:00 a.m. and 7:00 a.m. on Saturday.
 - (c) Irrigation of existing landscape at a location with an even numbered address or no address shall occur between the hours of 6:00 a.m. and 7:00 a.m. on Sunday.
 - (d) Low volume watering of existing landscaping is restricted to Monday, Wednesday, and Friday during non-daylight hours, but should be voluntarily reduced further.
 - (e) Chemigation shall be coordinated with the irrigation schedules.
 - (f) Watering in of chemicals, including insecticides, pesticides, fertilizers, fungicides, and herbicides, when required by law, the manufacturer, or best management practices, shall be coordinated with the irrigation schedules.
 - (g) The operation of irrigation systems for cleaning and maintenance shall be limited to the minimum necessary to maintain efficient operation of the system and shall be limited to a maximum of once per week.
- (15) Livestock and Other Animal Use
- Voluntary reduction in water use is encouraged.
- (16) Mining Use
- (a) Impounded surface water shall be used to replace fresh water withdrawals wherever possible.
 - (b) Spraying for dust control shall be kept to the minimum required for health and safety.
 - (c) Closed pipes shall be utilized for conveying water where feasible.
- (17) Navigation Use
- Requests may be made for additional releases from upstream impoundments.
- (18) Nursery Irrigation Use (Non-agricultural)
- (a) Voluntary reduction of water use by low volume irrigation methods (e.g., micro-irrigation) is encouraged.
 - (b) Overhead irrigation of nursery plants is restricted to the hours of 12:00 noon to 1:00 p.m. and from 2:00 a.m. to 7:00 a.m. on Monday, Wednesday, and Saturdays.
 - (c) Chemigation shall be coordinated with the irrigation schedules.
 - (d) Watering in of chemicals, including insecticides, pesticides, fertilizers, fungicides, and herbicides, when required by law, the manufacturer, or best management practices, shall be coordinated with the irrigation schedules.
 - (e) The operation of irrigation systems for cleaning and maintenance shall be limited to the minimum necessary to maintain efficient operation of the system and shall be limited to a maximum of once per

week.

- (f) The use of flooding for irrigation purposes shall be limited to 2 days per month.

(19) Other Outside Uses

- (a) Washing or cleaning of streets, driveways, sidewalks or other impervious surfaces is prohibited except to meet federal, state, or local health or safety standards.
- (b) Non-commercial vehicle and mobile equipment washing is allowed on pervious surfaces only, during landscape irrigation hours, by low volume methods only.
- (c) Washing boats that serve as a primary residence shall be restricted to the hours and days prescribed for existing landscape irrigation. Boats with an odd slip number shall be permitted to be washed on Saturday. Boats with an even slip number or no slip number shall be permitted to be washed on Sunday.
- (d) Rinsing of boats and flushing of boat engines after use shall be limited to ten minutes a day.
- (e) Outside pressure cleaning is allowed using low volume processes only on Monday and Wednesday.

(20) Power Production Use

- (a) To the greatest extent practicable, power production from facilities utilizing the water source experiencing the shortage should be minimized while maximizing the use of facilities dependent on less affected water sources.
- (b) Non-essential uses of water, plant

cleaning, and water-cooled air conditioning shall be reduced or eliminated to the greatest extent possible.

- (c) Power companies should encourage customers to reduce power consumption, so that they may reduce power generation, and in turn, reduce water consumption.
- (d) Voluntary reductions in other water uses is encouraged.

(21) Public Supply Use

- (a) Initial pressure at the point of use (meter) will be reduced by 15% where it is operationally feasible to do so. Prior to the reduction of pressure, the utility will notify the appropriate firefighting agencies and make arrangements for direct communication when additional pressure is required.
- (b) Utilities shall institute, as appropriate, conservation measures such as improving and accelerating leak detection surveys and repair programs, and installing and calibrating meters.
- (c) New water line flushing and disinfection shall be limited to minimum requirements.

(22) Sanitation and Other Public Supply Uses

Voluntary reduction in water use by 30% is encouraged.

(23) Soil Flooding Use

- (a) Sod-flooding for pest control and soil preservation is prohibited.
- (b) Sod-flooding to permit harvesting is prohibited.

(24) Water Based Recreation Use

- (a) Filling of new and existing facilities

is prohibited.

- (b) Makeup water for new and existing facilities is prohibited.
- (c) Draining of facilities into sewers or onto impervious surfaces is prohibited.
- (d) Voluntary reductions in water used for other aspects of water based recreation is encouraged.

Specific Authority 373.044, 373.113 FS.
Laws Implemented 373.175, 373.246 FS.
History–New



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