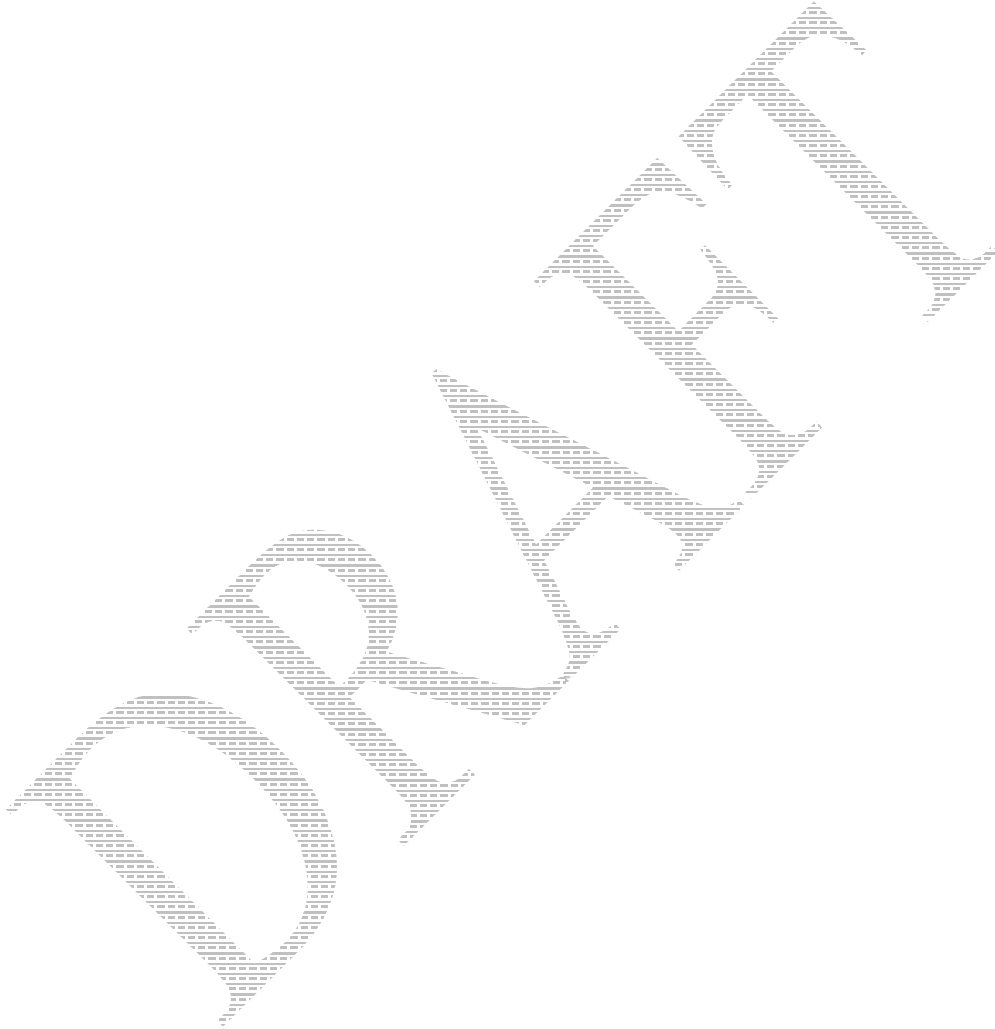


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APPENDIX C
DROUGHT CONTINGENCY PLAN



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APPENDIX C
DROUGHT CONTINGENCY PLAN
FOR
UPPER ST. JOHNS RIVER BASIN

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1 C-01. Purpose.

2 This appendix is written to (1) provide a platform from which to make decisions to
3 implement water conservation measures during droughts, (2) review the operational
4 flexibility of the Upper St. Johns River Basin Water Control Plan in a drought, and (3)
5 address the potential problems associated with an extreme drought.
6

7 C-02. References.

- 8 a. ER 1110-2-1941 "Drought Contingency Plans"
 - 9 b. ER 1110-2-240 "Water Control Management"
 - 10 c. EM 1110-2-3600 "Management of Water Control Systems"
 - 11 d. Chapter 40C-21 "Water Shortage Plan" published by SJRWMD
- 12

13 C-03. Introduction.

14 A severe drought in the Upper St. Johns River Basin develops over a fairly long period of
15 time and has a typical duration of six to 12 months. Adequate time will be available to
16 plan specific details of drought operation. Therefore, this plan is an outline of water
17 management measures and coordination actions to be considered when a severe drought
18 occurs. Details of particular water management measures and the timing of their
19 application will be determined as the drought progresses.
20

21 C-04. Background.

22 The passage of the Florida Water Resources Act of 1972 (Chapter 373 of Florida Statutes
23 [F.S.]) invested in the Florida Department of Environmental Protection (DEP) the power
24 and responsibility to accomplish the conservation, protection, management, and control
25 of the waters of the state to attain a number of goals. Authority to implement the Act has
26 been delegated to five water management districts which cover the entire state. In 1975
27 the St. Johns River Water Management District (SJRWMD) was established and became
28 the local sponsor for the Upper St. Johns River basin portion of the Central and Southern
29 Florida (C&SF) Project for flood control and other purposes. As a government agency,
30 the SJRWMD has established rules and regulations that establish priorities and define
31 procedures for restricting use during conditions of water shortage.
32

33 C-05. Summary of Existing Water Control Plan.

34 The authorized purposes of the Upper St. Johns River Basin portion of the
35 Comprehensive Central and Southern Florida Project for Flood Control are flood control,
36 environmental enhancement, and agricultural water supply. The water control plan is
37 written to provide for these purposes. Regulation flexibility is very limited under existing
38 authority. When the elevations in the project areas are below their optimum, the project
39 will be operated to meet water supply and environmental enhancement.
40

41 C-06. Definition of Drought.

42 Droughts generally are considered to have three components: duration, magnitude
43 (average water deficiency), and severity (cumulative water deficiency). Dry periods
44 occur randomly during any time period. There is no major indicator to distinguish
45 "normal" dry periods from severe droughts. Conditions may vary slightly depending on
46 the time of year, length of time that water elevations remain below optimum levels, and

1 the water supply and water quality requirements. The SJRWMD uses the following
2 definitions:

3
4 40C-21.051 Definitions

5
6 (1) "Water shortage" means that situation within all or a specifically defined
7 geographic area of the District when insufficient water is available to meet the
8 needs of the users, or when conditions are such as to require temporary
9 reduction in total use within a particular area to protect water resources from
10 serious harm. A water shortage usually occurs due to drought.

11
12 (2) "Water shortage emergency" means that water shortage situation so sudden or
13 severe that water shortage procedures which can be exercised under Part II of
14 Chapter 40C-21 are not sufficient to protect the public health, safety, or welfare,
15 or the health of animals, fish or aquatic life, or a public water supply, or meet
16 the needs of commercial, industrial, agricultural, recreational or other
17 reasonable uses.

18
19 C-07. Drought Operations.

20 If the SJRWMD determines there is an increased likelihood that there will be an
21 insufficient amount of water to meet the estimated anticipated user demands within a
22 source class or to protect the water resource from serious harm, the following actions
23 shall be initiated by the SJRWMD and the Jacksonville District of the Corps of
24 Engineers.

25
26 a. Initiation of appropriate "General Water Use Restrictions" established in Chapter
27 40C-21.271 by the SJRWMD. (These rules are an attachment to this appendix).

28
29 b. Enforcement of the water use restrictions by the SJRWMD.

30
31 c. Public press releases shall be made on an "as-need" basis through the Public
32 Affairs Office (PAO) of the Jacksonville District. These statements shall provide the
33 public with a full explanation of drought operations and expected conditions in an effort
34 to reduce inquiries from recreation and concerned interests. Similarly, the SJRWMD will
35 make press releases notifying the public of water use restrictions.

36
37 d. Drought situation reports for the Upper St. Johns River Basin and other projects
38 within the Jacksonville District shall be prepared by the Water Management and
39 Meteorology Section of the Jacksonville District. This report shall provide detailed
40 information on current and forecast situations for informational purposes of District and
41 South Atlantic Division (SAD) elements.

42
43 C-08. Drought Management Plan.

44 The following steps could be used to lessen the effects of a severe drought in the Upper
45 St. Johns River Basin.

1 a. Implementation of "General Water Use Restrictions" to conserve water. (Section
2 40C-21.271)

3
4 b. Temporarily relax State standards for water quality requirements in the Water
5 Management Areas to permit the continued operation of agricultural pumps, and conserve
6 remaining water in storage.

7
8 c. Should water quality or all water supply storage become depleted in the Water
9 Management Areas, potential alternatives include but are not limited to:

10
11 (1) Emergency reallocation of water in the Marsh Conservation Areas.

12
13 (2) Declaration by the State of Florida of a water emergency. After a water
14 emergency has been declared, emergency diversions to meet the needs of human
15 consumption, necessary sanitation, and public safety can be made.
16

1 **SELECTED FEDERAL EMERGENCY AUTHORITIES PROVIDING**
2 **DROUGHT ASSISTANCE**
3

4 The responsibility for providing an adequate supply of water to inhabitants of any area is
5 basically non-Federal. Corps assistance to provide emergency water supplies will only
6 be considered when non-Federal interests have exhausted reasonable means for securing
7 necessary water supplies, including assistance and support from other Federal agencies.
8

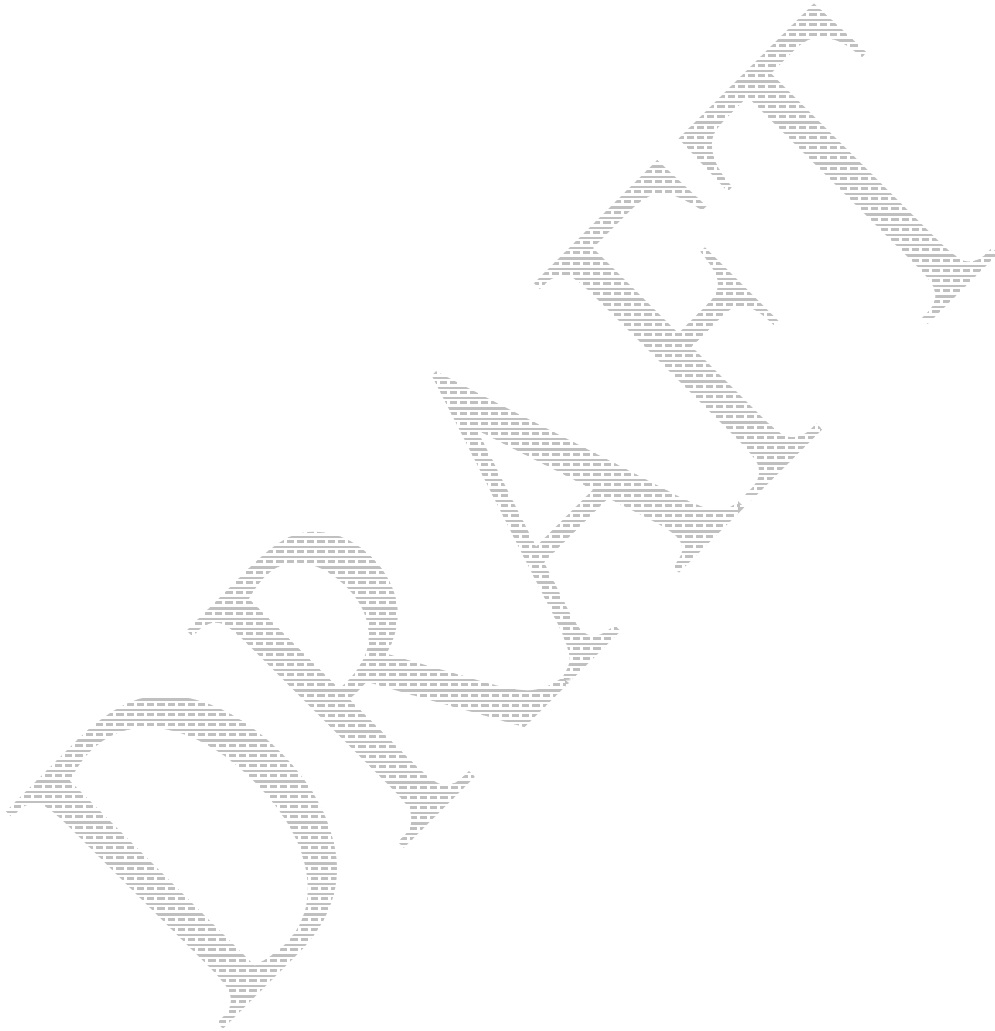
9 Assistance may be available from the Corps through PL 84-99 as amended by PL 95-51.
10 Before Corps assistance is considered under PL 95-51, the applicability of other Federal
11 authorities should be evaluated. If these programs cannot provide the needed assistance,
12 then maximum coordination should be made with appropriate agencies in implementing
13 Corps assistance. The applicability of programs administered by the following Federal
14 agencies, as a minimum, will be determined prior to consideration of Corps assistance.
15

- 16 1. Small Business Administration (SBA).
 - 17 2. Farmers Home Administration (FmHA).
 - 18 3. Economic Development Administration (EDA).
- 19

20 **Corps Authority for Drought Assistance.**
21

22 The Corps authority for Drought Assistance is contained in Chapter 6, "Emergency
23 Water Supplies and Drought Assistance" of Engineering Regulation (ER) 500-1-1
24 Natural Disaster Procedures (1983). Under this authority, the Chief of Engineers, acting
25 for the Secretary of the Army, can construct wells and transport water to farmers,
26 ranchers, and political subdivisions within areas he determines to be drought-distressed.
27

EXHIBIT A-WATER SHORTAGE PLAN



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**ST. JOHNS RIVER WATER MANAGEMENT
DISTRICT**

CHAPTER 40C-21, F.A.C.

THE WATER SHORTAGE PLAN

Revised November 11, 2003



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CHAPTER 40C-21
THE WATER SHORTAGE PLAN

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- 40C-21.651 Phase IV Critical Water Shortage.

1 **PART I GENERAL**

2 **40C-21.001 Policy and Purpose.**

3 (1) The rules in this chapter comprise the District's water shortage plan required
4 under Section 373.246(1), Florida Statutes. The purposes of the plan are to protect the
5 water resources of the District from serious harm; to assure equitable distribution of
6 available water resources among all water users during times of shortage, consistent with
7 the goals of minimizing adverse economic, social and health related impacts; to provide
8 advance knowledge of the means by which water apportionments and reductions will be
9 made during times of shortage; and to promote greater security for water use permittees.

10 (2) These rules apply to all water users including those exempt from permitting
11 pursuant to Rule 40C-2.051. However, these rules will not apply to users whose source of
12 water is treated effluent or seawater. Thus, it is the policy of the District to restrict uses in
13 a fair and equitable manner during periods of a water shortage, regardless of whether
14 those uses are under permit, below the thresholds specified in Rule 40C-2.041, Florida
15 Administrative Code, or otherwise exempt from Chapter 40C-2 permitting.

16 *Specific Authority: 373.044, 373.113 F.S. Law Implemented: 373.175, 373.246, F.S.*
17 *History--New 1-1-84.*

18 **40C-21.031 Elements of the Plan.**

19 (1) PART I. GENERAL--Part I provides the general goals and objectives of the
20 District in developing and adopting the water shortage plan. The various elements of the
21 plan are described, and definitions for key terms used in the plan are provided.

22 (2) PART II. DECLARING AND IMPLEMENTING A WATER SHORTAGE--
23 Part II describes the procedures the District will utilize in declaring a water shortage.
24 Provisions are made for comparing estimated present and anticipated water supplies with
25 estimated present and anticipated user needs. The impact on the water resource if
26 demands are met from available supplies is also evaluated. In addition, a method for
27 expressing the severity of a water shortage in terms of four water shortage phases is
28 provided. General user restrictions are established. A variance procedure is provided.
29 Finally, procedures for implementing the water shortage declaration are provided.

30 (3) PART III. EMERGENCY PROVISIONS--Normally, the provisions of Part II
31 will be sufficient to protect users within use classes during times of water shortage. At
32 times, however, due to peculiar circumstances, the class restrictions imposed in Part II
33 may be inadequate to sufficiently protect the public health, safety or welfare, the health of
34 animals, fish or aquatic life, a public water supply, or recreational, commercial,
35 industrial, agricultural or other reasonable uses. In those situations, the Executive
36 Director, with the concurrence of the Board, may declare a water shortage emergency and
37 issue orders imposing restrictions deemed necessary to meet the emergency. Part III
38 establishes the procedures for declaring and implementing a water shortage emergency.
39 In addition, provisions are made for establishing emergency water use restrictions,
40 including implementation of the restrictions described in Parts II and VI.

41 (4) PART IV. MONITORING AND ENFORCEMENT--The District's overall
42 program of monitoring surface and ground waters, climatic conditions and water demand
43 during a shortage is generally described. In addition, a monitoring program is established
44 to determine the impact of a water shortage on the water resources of the District and the
45 effectiveness of a declaration of water shortage or water shortage emergency. This Part

1 describes how the District, in cooperation with local law enforcement officials, will
2 enforce the provisions of a declared water shortage or water shortage emergency. The
3 District's enforcement jurisdiction is described and enforcement procedures are generally
4 outlined. Penalties for violations of the water shortage plan and any order issued pursuant
5 to it are provided. In addition, the District's policy of seeking the cooperation and
6 assistance of local government officials and of assisting such officials in the enforcement
7 of the water shortage plan is generally described.

8 (5) PART V. THE CLASSIFICATION SYSTEM--Part V classifies each user
9 according to the source of water supply, type of water use, and method of extraction or
10 diversion. The classification system is utilized in conjunction with Parts II, III and VI to
11 determine the water use restrictions with which the users of a particular source must
12 comply.

13 (6) PART VI. SPECIFIC RESTRICTIONS--Part VI establishes specific water use
14 restrictions for each water shortage phase and water use class. These restrictions are in
15 addition to the general restrictions authorized in Parts II and III. Water users may refer to
16 this Part for specific information concerning the restrictions which apply to them during
17 any phase of a declared water shortage.

18 *Specific Authority: 373.044, 373.113 F.S. Law Implemented: 373.175, 373.246, F.S.*
19 *History--New 1-1-84.*

20 **40C-21.051 Definitions.** When used in this chapter:

21 (1) "Water shortage" means that situation within all or a specifically defined
22 geographic area of the District when insufficient water is available to meet the needs of
23 the users, or when conditions are such as to require temporary reduction in total use
24 within a particular area to protect water resources from serious harm. A water shortage
25 usually occurs due to drought.

26 (2) "Water shortage emergency" means that water shortage situation so sudden or
27 severe that water shortage procedures which can be exercised under Part II of Chapter
28 40C-21 are not sufficient to protect the public health, safety, or welfare, or the health of
29 animals, fish or aquatic life, or a public water supply, or meet the needs of commercial,
30 industrial, agricultural, recreational or other reasonable uses.

31 (3) "User" means any person, natural or artificial, individual, firm, association,
32 organization, partnership, business trust, corporation, company, agent, employee or other
33 legal entity, the United States of America, and the State, any political subdivision, region,
34 district, municipality, or public agency thereof, which directly or indirectly takes water
35 from the water resource, including but not limited to uses from private or public utility
36 systems, uses whether or not under consumptive use permits issued pursuant to Chapter
37 40C-2, or uses from individual wells or pumps for domestic or individual home use or
38 other use. The term does not include persons who use only treated effluent or seawater.

39 (4) "Water resource" means any and all water on or beneath the surface of the
40 ground, including but not limited to, water in natural or artificial water courses,
41 impoundments, streams or diffused surface water and water percolating, standing or
42 flowing beneath the surface of the ground.

43 (5) "Source class" means the water resource from which a user is obtaining water
44 either directly or indirectly. Source classes within the District are specified in Rule 40C-
45 21.531.

46

1 (6) "Use class" means the category describing the purpose for which the user is
2 utilizing water. Use classes within the District are specified in Rules 40C-21.551 and
3 40C-2.501(2).

4 (7) "Method of extraction or diversion class" means the type of facility or means
5 of withdrawal from the water resource employed by the user. Method of extraction or
6 diversion classes within the District are specified in Rule 40C-21.571.

7 (8) "Surface water source" means a source class within which a user obtains water
8 from surface waters. Surface water sources are a type of source class and are identified in
9 subsections 40C- 21.531(1) and 40C-2.501(3).

10 (9) "Ground water source" means a source class within which users obtain water
11 from beneath the surface of the ground. Ground water sources are a type of source class
12 and are identified in subsections 40C-21.531(1) and 40C-2.501(3).

13 (10) "Anticipated percent reduction in overall demand" means the weighted
14 average reduction in all water uses within a source class, regardless of the type of use or
15 method of withdrawal, which is necessary to reduce estimated present and anticipated
16 demand to estimated present and anticipated available water supply.

17 (11) "Plan" means the water shortage plan authorized in Section 373.246, Florida
18 Statutes, and contained in this chapter.

19 (12) "Low-volume irrigation" means the use of equipment and devices
20 specifically designed to allow the volume of water delivered to be limited to a level
21 consistent with the water requirement of the plant being irrigated and to allow that water
22 to be placed with a high degree of efficiency in the root zone of the plant. The term also
23 includes water use in mist houses and similar establishments for plant propagation.

24 (13) "Overhead irrigation" means the use of equipment and devices which deliver
25 water under pressure, through the air, above the level of the plant being irrigated.

26 (14) "Flood irrigation" means the delivery of plant or crop irrigation water by the
27 design and practice of flowing water over the ground surface to saturate the root zone or
28 in specific applications raising the level of groundwater through the root zone or to the
29 soil surface.

30 (15) "Low volume hand watering" means the low volume irrigation of plants or
31 crops with one hose attended by one person, fitted with a self-canceling or automatic
32 shutoff nozzle.

33 (16) "Low volume mobile equipment washing" means the washing of mobile
34 equipment with a bucket and sponge or a hose with a self- canceling or automatic shutoff
35 nozzle or both.

36 (17) "Low volume pressure cleaning" means pressure cleaning by means of
37 equipment which is specifically designed to reduce the inflow volume as accepted by
38 industry standards.

39 (18) "Nursery stock" means all plants, trees, shrubs, vines, bulbs, cuttings, grafts,
40 scions, buds, flowering annual plants, aquatic plants, seeds, corns, or tubers, grown or
41 kept for propagation, distribution or sale.

42 (19) "Mobile equipment" means any public, private or commercial automobile,
43 truck, trailer, railroad car, camper, boat, or any other type of similar equipment. The term
44 shall not include sanitation or sludge vehicles or food vending or transporting vehicles.

45 (20) "Portable pump" means a portable facility capable of moving water from one
46 source location to another.

1 (21) "Even numbered address" means the house address, box number or rural
2 route ending in the numbers 0, 2, 4, 6, 8 or the letters A- M. Post office box numbers are
3 not included.

4 (22) "Odd numbered address" means the house address, box number or rural route
5 ending in the numbers, 1, 3, 5, 7, 9 or the letters N-Z. Post office box numbers are not
6 included.

7 (23) "Odd numbered days" means the days whose dates end in the numbers 1, 3, 5,
8 7, or 9. For purposes of this chapter the date shall be determined by the day during which
9 a watering period ends.

10 (24) "Infiltration gallery" means any ditch, pond, pit or other excavation dug or
11 otherwise constructed for the purpose of, or used for a source of water.

12 *Specific Authority: 373.044, 373.113 F.S. Law Implemented: 373.175, 373.246, F.S.*
13 *History--New 1-1-84.*

14 **PART II DECLARING AND IMPLEMENTING A WATER SHORTAGE**

15 **40C-21.221 Evaluating Water Conditions.**

16 (1) This rule sets forth the manner in which the District will periodically evaluate
17 water conditions within the District. Data thereby generated assists the District in
18 determining whether and to what extent a water shortage should be declared.

19 (2) The District will monitor the condition of the water resources in the District as
20 provided in Rule 40C-21.401.

21 (3) Current data will be compared to historical data to determine whether
22 estimated present and anticipated available water supply within any source class will be
23 insufficient to meet the estimated present and anticipated demands of the users from the
24 source class, or whether serious harm to the water resources can be expected.

25 (a) Present and anticipated available water supply will be periodically estimated
26 for each source class. Factors considered in estimating present and anticipated available
27 supply within a source class may include:

28 1. Historic, current and anticipated levels in surface and ground waters, including
29 potentiometric surfaces in confined and semiconfined aquifers;

30 2. Historic, current and anticipated flows in surface waters;

31 3. The extent to which water may be transferred from one source class to another,
32 including the time required for transfer;

33 4. The extent to which present water use restrictions may enhance future supplies,
34 or postpone more stringent restrictions;

35 5. Historic, current and anticipated demand of natural systems, including losses
36 due to evapotranspiration and seepage;

37 6. Historic, current and anticipated seasonal fluctuation in rainfall; and

38 7. Other water quantity and quality factors affecting present and anticipated
39 available water supply.

40 (b) Present and anticipated user demands for each use and method-of-withdrawal
41 class will be periodically estimated for each source class. Factors considered in

1 estimating the present and anticipated demands of the users within a source class may
2 include:

- 3 1. Historical and estimated current and anticipated demands of permitted users;
- 4 2. Historical and estimated current and anticipated demands of users exempt from
5 permitting, but subject to the provisions of the water shortage plan;
- 6 3. Historical and anticipated seasonal fluctuations in user demands;
- 7 4. The extent to which user demands may be met from other source classes; and
- 8 5. Other factors affecting present and anticipated water demands.

9 (c) Estimated present and anticipated available water supply will be periodically
10 compared to estimated present and anticipated user demands to determine impact on the
11 water resource. Factors that shall be considered in determining whether serious harm to
12 the water resource may occur include:

- 13 1. Potential for increased saltwater intrusion or other ground water contamination;
- 14 2. Potential for significant adverse impacts on fish and wildlife, and the ecology
15 of the area;
- 16 3. Potential for lowering surface water levels or flows or ground water levels
17 below any minimum level set forth in section 40C-8.031, F.A.C.; and
- 18 4. Other site specific factors adversely impacting the water resource.

19 *Specific Authority: 373.044, 373.113 F.S. Law Implemented: 373.175, 373.246, F.S.*
20 *History--New 1-1-84. Amended 9-16-92, 6-7-93.*

21 **40C-21.231 Declaring A Water Shortage.**

22 (1) The Board may issue a water shortage warning when it finds that there is an
23 increased likelihood that there will be an insufficient amount of water to meet the
24 estimated anticipated user demands within a source class or to protect the water resource
25 from serious harm. Such warning period will provide an opportunity for increased data
26 monitoring and analysis, increased communication with water users and units of local
27 government regarding hydrologic conditions, and may include a call for voluntary
28 reductions in demand.

29 (2) If the District determines there is a likelihood that insufficient water will be
30 available within a source class to meet the user demands from that source, to meet the
31 requirements of the permit system, or to protect the water resource from serious harm, the
32 Board may declare a water shortage for the affected source class or classes. The Board
33 may declare that a water shortage exists within all or parts of the District. When the
34 affected source extends beyond the District's boundaries, the District will coordinate
35 water shortage declarations with the appropriate water management districts to the extent
36 practicable. When the affected source extends beyond the state's boundaries, the District
37 will attempt to coordinate water shortage declarations with the appropriate agencies in
38 Georgia or elsewhere to the extent practicable.

39 (3) A water shortage may also be declared for those source classes not presently
40 experiencing a water shortage if usage from such sources can be reasonably expected to
41 impact the present or anticipated available water supply in those source classes identified
42 in subsection (2).

43 *Specific Authority: 373.044, 373.113 F.S. Law Implemented: 373.026(4) 373.026(5),*
44 *373.175, 373.246, F.S. History--New 1-1-84.*

1 **40C-21.251 Water Shortage Phases.**

2 (1) This rule establishes four phases of water shortage as a function of the
3 estimated reduction in overall demand required to reduce estimated present and
4 anticipated demand to estimated present and anticipated available water supply. The
5 water shortage phase determines the type of water use restrictions which will be ordered
6 in a declared water shortage.

7 (2) The following water shortage phases are established:

Water Shortage Phase	Color	Anticipated % Reduction In Overall Demand
(a) Moderate Water	Yellow	15% Shortage
(b) Severe Water	Orange	30% Shortage
(c) Extreme Water	Red	45% Shortage
(d) Critical Water	Purple	60% Shortage

8 (3) Each source class for which a water shortage has been declared will be
9 assigned a specific water shortage phase. The water shortage phase selected for a source
10 class will be based upon:

11 (a) the anticipated percent reduction required in overall demand; and

12 (b) for areas with multiple sources, the extent to which users have the capability
13 to obtain water from a source or sources other than the source class for which a water
14 shortage has been declared.

15 *Specific Authority: 373.044, 373.113 F.S. Law Implemented: 373.175, 373.246, F.S.*
16 *History--New 1-1-84.*

17 **40C-21.271 General Water Use Restrictions.**

18 (1) This rule specifies general water use restrictions for all users for each water
19 shortage phase. Specific restrictions by user class are presented in Part VI of this chapter.
20 Users desiring detailed information about the specific restrictions applying to their use
21 should refer to Part VI.

22 (2) The Board may order use of general water use restrictions and the water use
23 restrictions specified in Part VI for the appropriate water shortage phase for each affected
24 source class. Further, the Board may order any combination in lieu of or in addition to the
25 restrictions specified in Part VI of the restrictions described in subsection (3), by use or
26 method of withdrawal class, within each source class, if necessary to achieve the
27 necessary percent reduction in overall demand.

28 (3) General water use restrictions which may be imposed include:

29 (a) provisions that facilitate the right of water users in an area to make voluntary
30 agreements among themselves, with the concurrence of the Board or the Executive
31 Director, providing for the mutual reduction, sharing, or rotation of use;

32 (b) provisions for the metering and reporting of all water used, diverted,
33 impounded, extracted or withdrawn;

34 (c) provisions designed to maintain minimum flows and minimum levels,
35 established pursuant to Section 373.042, Florida Statutes;

36 (d) provisions which recognize the extent to which users can satisfy water
37 demands from sources for which a water shortage has not been declared;

38

1 (e) provisions for monitoring water levels and determining chloride
2 concentrations in order to protect against salt water intrusion or other deterioration or
3 water quality including the closing and plugging of wells;

4 (f) restrictions on the total amount of water that may be used, diverted,
5 impounded, extracted, or withdrawn during any day, month, or year during the declared
6 shortage;

7 (g) restrictions on the timing of use, diversion, impoundment, extraction, or
8 withdrawal of water;

9 (h) restrictions on pumping rates and schedules or diversion rates and schedules;
10 or

11 (i) such other provisions or restrictions as are necessary to protect the water
12 resources from serious harm.

13 *Specific Authority: 373.044, 373.113 F.S. Law Implemented: 373.175, 373.246, F.S.*
14 *History--New 1-1-84.*

15 **40C-21.275 Variances.**

16 *Specific Authority: 373.044, 373.113 F.S. Law Implemented: 373.175, 373.246, F.S.*
17 *History--New 1-1-84.*

18 **40C-21.291 Implementing a Water Shortage Declaration.**

19 (1) When a water shortage is declared, or if already declared when more severe
20 restrictions are imposed, the District will publish notice of the declaration or restrictions
21 at least once in a prominent place in newspapers of general circulation in the areas
22 affected. In addition, the District will inform the general public of the restrictions in
23 effect and the sources of supply which are affected.

24 (2) The District will notify each consumptive use permittee within the affected
25 source class of any changes in the conditions of permits within his affected source class,
26 any suspension of permits within his affected source class, or any other restriction on
27 uses of water within his affected source class. Notice will be by regular mail.

28 (3) The District will notify local governments of any water shortage declaration.
29 In addition local law enforcement officials will be notified as soon as possible of any
30 water shortage declaration or change of restrictions in effect within their areas of
31 responsibility.

32 (4) A declaration of water shortage and any provision or restriction adopted
33 pursuant thereto under the water shortage plan may be modified or rescinded by the
34 Board.

35 (5) An order declaring a water shortage or imposing more severe restrictions will
36 become effective on the day after any notice required in subsection (1) is published. An
37 order declaring a water shortage will remain in effect until modified or rescinded by the
38 Board.

39 *Specific Authority: 373.044, 373.113 F.S. Law Implemented: 373.175, 373.246, F.S.*
40 *History--New 1-1-84. Transferred to 40C-1.1004.*

41

1 **PART III EMERGENCY PROVISIONS**

2 **40C-21.331 Declaring a Water Shortage Emergency.**

3 (1) This rule sets forth the steps the District will take to evaluate water conditions
4 within the District in order to determine whether a water shortage emergency exists.

5 (2) The District will monitor the condition of the water resources of the District
6 and the needs of the users as provided in Rule 40C- 21.401.

7 (3) Current data shall be evaluated to determine whether any user's estimated
8 present and anticipated available water supply will be insufficient to protect the public
9 health, safety or welfare, or the health of animals, fish or aquatic life, a water supply, or
10 meet the minimum needs of commercial, industrial, agricultural, recreational, or other
11 reasonable beneficial use.

12 (a) The present and anticipated water supply available will be estimated. Factors
13 that may be considered include:

- 14 1. those factors listed in paragraph 40C-21.221(3)(a).
- 15 2. the ability to obtain water from other users,
- 16 3. the ability to obtain water from another source class, and
- 17 4. other factors affecting the present and anticipated available water supply.

18 (b) The potential for adverse impacts on the public health, safety or welfare, or the
19 health of animals, fish or aquatic life, or a public water supply, or commercial, industrial,
20 agricultural, recreational, or other reasonable beneficial use will be evaluated. Factors
21 that may be considered include:

- 22 1. those factors listed in paragraphs 40C-21.221(3)(b) and (c),
- 23 2. the extent to which adverse impacts can be reduced by imposing additional
24 restrictions on other users from the same source class,
- 25 3. the extent to which restricting other users from the same source class will
26 create other adverse impacts, and
- 27 4. other factors relating to public health, safety and welfare.

28 (4) If, in the opinion of the Executive Director, the provisions in Part II are not
29 sufficient to protect the public health, safety, or welfare, the health of animals, fish or
30 aquatic life, a public water supply, or commercial, industrial, agricultural, recreational, or
31 other reasonable beneficial uses, then the Executive Director, with the concurrence of the
32 Board, may declare a water shortage emergency for the affected users.

33 *Specific Authority: 373.044, 373.113 F.S. Law Implemented: 373.119, 373.175, 373.246,*
34 *F.S. History--New 1-1-84. Amended 11-11-03*

35 **40C-21.371 Water Use Restrictions in a Water Shortage Emergency.**

36 (1) When a water shortage emergency has been declared, the Executive Director
37 may issue orders imposing restrictions deemed necessary to meet the emergency. Such
38 restrictions may include, but are not limited to, apportioning, rotating, limiting, or
39 prohibiting the use of the water resources of the District.

40 (2) All restrictions ordered pursuant to the declaration of a water shortage
41 emergency will be in addition to, and enforced in combination with, any and all
42 restrictions imposed under Part II of this plan, unless specifically stated otherwise within
43 the orders.

44 *Specific Authority: 373.044, 373.113 F.S. Law Implemented: 373.175, 373.246, F.S.*
45 *History--New 1-1-84.*

1 **40C-21.391 Implementing a Water Shortage Emergency Declaration.**

2 (1) When the Executive Director, with the concurrence of the Board, determines
3 that an emergency condition exists due to a water shortage within any area of the District,
4 the Executive Director may, without prior notice, issue orders reciting the existence of
5 such an emergency pursuant to the provisions of Chapter 120, Florida Statutes.

6 (a) Such orders will identify all restrictions deemed necessary by the Executive
7 Director, with the concurrence of the Board, to meet the emergency;

8 (b) All users to whom an emergency order is directed will comply immediately,
9 but may petition the Board for a hearing as set forth in Chapter 373.119, Florida Statutes.

10 (2) The District will inform all users to whom an emergency order is directed of
11 the existence of such order, and all associated restrictions, by the best practicable means
12 available under the circumstances. Particular attention will be given to presenting this
13 information in a form which is easily understood and applied by the citizens of the
14 affected areas.

15 (3) The District will notify local government officials of any water shortage
16 emergency declaration. Notice will be by the best practicable means under the
17 circumstances. In addition, local law enforcement officials will be notified as soon as
18 possible of any water shortage emergency declaration or change of restrictions affecting
19 their areas of responsibility.

20 (4) The declaration of a water shortage emergency and any measures adopted
21 pursuant thereto may be modified or rescinded by the Executive Director or by order of
22 the Board.

23 *Specific Authority: 373.044, 373.113 F.S. Law Implemented: 373.175, 373.246, F.S.*
24 *History--1-1-84. Amended 11-11-03.*

25 **PART IV MONITORING AND ENFORCEMENT**

26 **40C-21.401 Monitoring.**

27 (1) This rule generally describes the data collection and analysis the District may
28 undertake in anticipation of and during a declared water shortage or water shortage
29 emergency. Monitoring data may be used to determine:

30 (a) whether a water shortage or water shortage emergency should be declared,
31 (b) whether the restrictions in effect are sufficient to protect the water resources
32 and users within the affected area, in light of existing and anticipated climatological
33 conditions, and

34 (c) whether the restrictions in effect require additional enforcement efforts.

35 (2) Data may be obtained from any source available, including but not limited to:

36 (a) the District,

37 (b) other water management districts,

38 (c) permittees who are required to submit data as a condition of their permit,

39 (d) any local, state or federal agency, and

40 (e) any other source available.

41 (3) Resource Monitoring - When appropriate the District will collect and analyze
42 data concerning any aspect of the water resource. Data which may be collected include
43 but are not limited to:

44 (a) levels in surface and ground waters, including potentiometric surfaces,

45 (b) water quality in surface and ground waters,

1 (c) flows in surface waters,
2 (d) transfers of water from one source class to another,
3 (e) demand of natural systems, including but not limited to losses due to
4 evapotranspiration and seepage,
5 (f) rainfall,
6 (g) impacts on fish and wildlife, and
7 (h) other data required to evaluate the status of the water resources of the District.
8 (4) Demand Monitoring - When appropriate, the District will collect and analyze
9 data concerning any aspect of user demand upon the water resources. Data which may be
10 collected include but are not limited to:
11 (a) demands of permitted users,
12 (b) demands of users exempt from permitting, but subject to the provisions of the
13 water shortage plan,
14 (c) needs of natural systems,
15 (d) other data required to evaluate demands on the water resources of the District.
16 (5) When appropriate, the District may prepare a drought management report
17 summarizing data gathered pursuant to this rule.
18 *Specific Authority: 373.044, 373.113 F.S. Law Implemented: 373.026, 373.103, 373.175,*
19 *373.246, F.S. History--New 1-1-84.*

20 **40C-21.421 Enforcement.**

21 (1) It is the policy of the District to seek the cooperation and assistance of the
22 state, county and municipal governmental officials, law enforcement officials and police
23 officers in the enforcement of the water shortage plan or any water shortage order issued
24 pursuant thereto.

25 Counties and municipalities throughout the jurisdiction of the District are
26 authorized and encouraged to adopt ordinances which substantially incorporate the
27 provisions of this chapter and which provide for local enforcement, or any order adopted
28 pursuant thereto. It will be the policy of the District to encourage local law enforcement
29 officials to provide violators of the water use restrictions with no more than one written
30 warning during the initial phases of a water shortage or water shortage emergency.

31 (2) In enforcing the provisions of any water shortage order issued pursuant to this
32 chapter, the District may utilize any of the enforcement remedies available pursuant to
33 Chapters 120 or 373, Florida Statutes, or Chapter 40C-1, Florida Administrative Code.

34 (3) Enforcement action may be initiated by the Executive Director pursuant to
35 Section 373.603, Florida Statutes, against an individual violator or class of violators or all
36 of the violators of a particular water shortage or water shortage emergency rule or order.

37 (4) The Executive Director may assign District personnel for the purpose of
38 initiating enforcement action pursuant to Section 373.603, Florida Statutes, against an
39 individual violator or class of violators of any water shortage or water shortage
40 emergency rule or order.

41 (5) In the event that a water shortage or water shortage emergency has been
42 declared by the Board and the provisions of this chapter have been invoked, the
43 Executive Director may thereafter take appropriate emergency action pursuant to
44 Sections 373.119, 373.175(4), 373.246(7), and 120.69, Florida Statutes, to enforce the
45 provisions of this chapter or any order issued pursuant thereto, or alleviate any
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1 emergency conditions which might thereafter occur. Such action will be subject to
2 subsequent ratification by the Board at its next regular meeting.

3 (6) In the event a water user is in violation of the water shortage plan or any water
4 shortage order issued pursuant thereto, it will be presumed that the person present at the
5 premises who has a possessory interest in those premises where such unauthorized use is
6 occurring, is responsible therefore. In the event that no one is present at the premises
7 while such unauthorized use is occurring, it will be presumed that the owner of the
8 premises is responsible for such use. These presumptions will not affect the burden of
9 proof of the District to present a prima facia case as to each violation, and will be
10 rebuttable by the presentation of evidence to indicate that another person was responsible
11 for the unauthorized water use.

12 *Specific Authority: 373.044, 373.113 F.S. Law Implemented: 373.119, 373.185, 373.246,*
13 *373.603, 373.609, F.S. History--New 1-1-84*

14 **PART V THE CLASSIFICATION SYSTEM**

15 **40C-21.511 Classification System.** Unless the emergency provisions of Part III of this
16 chapter are invoked, water users are regulated by class under the provisions of this water
17 shortage plan. The rules in this Part establish the classification system which provides the
18 basis for distinguishing among different use classes. Under the system, each water use is
19 classified according to source, type of use, and method of extraction or diversion.

20 *Specific Authority: 373.044, 373.113 F.S. Law Implemented: 373.175, 373.246, F.S.*
21 *History--New 1-1-84.*

22 **40C-21.531 Source Classes.**

23 (1) Each use may be classified according to one or more of the following sources
24 of water:

- 25 (a) streams or other water courses,
- 26 (b) lakes or other impoundments,
- 27 (c) unconfined aquifers,
- 28 (d) confined or semi-confined aquifers.

29 (2) Those users who are required to obtain a Consumptive Use Permit under the
30 provisions of Chapter 40C-2, Florida Administrative Code, will be assigned a source
31 classification at the time the permit is issued.

32 *Specific Authority: 373.044, 373.113 F.S. Law Implemented: 373.175, 373.246, F.S.*
33 *History--New 1-1-84.*

34 **40C-21.551 Use Classes.** Use classes are generally grouped by related uses. The four
35 major groupings are: Essential/Domestic/Utility/Commercial, Agriculture,
36 Nursery/Landscape Irrigation/Recreation and Miscellaneous. Neither the order of listing
37 of the major groups nor the order of listing within each major grouping is intended to
38 establish relative priorities of water use. A user may be assigned one or more use classes
39 regardless of the major groupings in this rule, which are used for classification and
40 discussion. Each water use will be assigned one or more of the following use classes:

- 41 (1) Essential/Domestic/Utility/Commercial
- 42 (a) "Essential Use" means use of water strictly for fire fighting purposes, health

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1 and medical purposes and the use of water to satisfy federal, state or local public health
2 and safety requirements.

3 (b) "Domestic type use" means any use of water for personal needs or for
4 household purposes such as drinking, bathing, heating, cooking, sanitation or cleaning,
5 whether the use occurs inside a residence or inside a commercial or industrial
6 establishment.

7 (c) "Water utility use" means water used for withdrawal, treatment, transmission
8 and distribution by potable water systems.

9 (d) "Power production use" means the use of water for power generation and the
10 use of water for cooling and for replenishment of cooling reservoirs.

11 (e) "Commercial and industrial process use" means the use of water essential to
12 the production of the goods or services provided by a business establishment.

13 (2) Agriculture

14 (a) "Agricultural use" means the use of water for the commercial production of
15 crops or the growing of farm products including, but not limited to, vegetables, citrus and
16 other fruits, pasture, rice and sod.

17 (b) "Livestock use" means the use of water for watering or washing down of
18 livestock.

19 (c) "Aquacultural use" means the use of water for the spawning, cultivating,
20 harvesting or marketing of domesticated finfish, shellfish, crustaceans, frogs, turtles,
21 alligators and other aquatic organisms that have a sport or other economic value.

22 (d) "Soil flooding" means use of water for raising of water levels on agricultural
23 lands for purposes not directly related to crop growth including, but not limited to, soil
24 preservation and pest control.

25 (e) "Freeze protection" means the periodic and infrequent use of water to protect
26 agricultural and nursery crops from damage due to low temperatures.

27 (3) Nursery/Landscape Irrigation/Recreation

28 (a) "Nursery use" means the use of water on premises or in which nursery stock is
29 grown, propagated or held for sale or distribution or sold reshipped.

30 (b) "Landscape irrigation-new installation" means the outside watering or
31 sprinkling of shrubbery, trees, lawns, grass, ground covers, plants, vines, gardens and
32 other such flora which have been planted for less than 30 days and are situated in such
33 diverse locations as residential landscaping, recreation areas, parks, cemeteries, public,
34 commercial and industrial establishments, public medians and rights of way.

35 (c) "Landscape irrigation-existing installation" means the outside watering or
36 sprinkling of shrubbery, trees, lawns, grass, ground covers, plants, vines, gardens and
37 other such flora which are planted and established and are situated in such diverse
38 locations as residential landscapings, recreation areas, cemeteries, public, commercial
39 and industrial establishments, public medians and rights of way.

40 (d) "Recreation area use" means the use of water for the maintenance and support
41 of intensive recreational areas such as, but not limited to, playgrounds, football, baseball,
42 and soccer fields.

43 (e) "Golf course use" means water used to irrigate an establishment designed and
44 used for playing golf.

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1 (f) "Water based recreation use" means water used for public or private swimming
2 and wading pools, including water slides. This term does not include pools specifically
3 maintained to provide habitat for aquatic life.

4 (4) Miscellaneous

5 (a) "Heating and air conditioning use" means the use of water for heating or
6 cooling, or for air conditioning.

7 (b) "Dewatering use" means the removal of water from a specific area to facilitate
8 mining or construction.

9 (c) "Other outside uses" means the use of water outdoors for the maintenance,
10 cleaning and washing of structures and mobile equipment including automobiles and the
11 washing of streets, driveways, sidewalks and similar areas.

12 (d) "Diversion and impoundment into non-District facilities" means the diversion
13 or extraction of water into non-District impoundments and delivery systems designed for
14 purposes including, but not limited to, maintaining structural integrity, providing
15 agricultural water and other non-recreational non-aesthetic uses.

16 (e) "Aesthetic use" means the use of water for fountains, waterfalls, and landscape
17 lakes and ponds where such uses are entirely ornamental and decorative.

18 (5) The Board may establish such additional use classifications as it deems
19 necessary.

20 *Specific Authority: 373.044, 373.113 F.S. Law Implemented: 373.175, 373.246, F.S.*
21 *History--New 1-1-84.*

22 **40C-21.571 Method of Extraction or Diversion Classes.** Each water user may be
23 identified with one or more of the following methods of extraction or diversion classes.

24 (1) Surface waters:

25 (a) pump

26 (b) gravity flow

27 (2) Ground waters:

28 (a) artisan well

29 (b) pumped well

30 (c) infiltration gallery

31 *Specific Authority: 373.044, 373.113 F.S. Law Implemented: 373.175, 373.246, F.S.*
32 *History--New 1-1-84.*

33 **PART VI SPECIFIC RESTRICTIONS**

34 **40C-21.601 Specific Restrictions.**

35 (1) Upon declaration of a water shortage or water shortage emergency, use of
36 water in a manner inconsistent with the restrictions specified in this Part and Part II is
37 prohibited. It is the duty of each water user to stay informed as to the phase of water
38 shortage and the applicable restrictions for the phase. Violation of the restrictions
39 specified in this Part and Part II will be subject to enforcement action pursuant to Rule
40 40C-21.421. The restrictions specified in this Part are summarized in tabular form in
41 Figure 21-1. The information presented in Figure 21-1 should sufficiently describe the
42 required restrictions for most users.

1 (2) In addition to the restrictions specified in this Part and Part II, wasteful and
2 unnecessary water use is prohibited regardless of the phase of water shortage. Such
3 wasteful and unnecessary water use includes, but is not limited to:

4 (a) Allowing water to be dispersed without any practical purpose to the water
5 user, regardless of the type of water use.

6 (b) Allowing water to be dispersed in a grossly inefficient manner, regardless of
7 the type of water use.

8 (c) Allowing water to be dispersed to accomplish a purpose for which water use is
9 unnecessary or which can be readily accomplished through alternative methods of
10 significantly less water use.

11 (3) In case of a conflict between Figure 21-1 and this Part, the specific restrictions
12 in this Part shall control.

13 (4) Within each rule, use classes are grouped in the same sequence as in Rule
14 40C-21.551.

15 *Specific Authority: 373.044, 373.113 F.S. Law Implemented: 373.175, 373.246, F.S.*
16 *History--New 1-1-84.*

17 **40C-21.621 Phase I Moderate Water Shortage.** The following restrictions will apply
18 when a Phase I water shortage is declared by the District.

19 (1) Essential/Domestic/Utility/Commercial

20 (a) Essential Use

21 1. The use of water for firefighting, and health or medical purposes will not be
22 restricted.

23 2. Fire hydrant flushing should be undertaken only on an emergency basis.

24 3. Sanitary sewer line flushing and testing will not be restricted except on a
25 voluntary basis.

26 (b) Household and Domestic Type Use

27 1. Residential type domestic use should be voluntarily reduced to achieve a per
28 capita consumption of 60 gallons per person per day.

29 2. Domestic type use in industrial and commercial establishments should be
30 voluntarily reduced.

31 (c) Water Utility Use

32 1. Initial pressure at the point of use (meter) should be voluntarily reduced by
33 15% where it is operationally feasible to do so. Prior to the reduction of pressure, the
34 utility will notify the appropriate fire-fighting agencies and make arrangements for direct
35 communication when additional pressure is required.

36 2. New water line flushing and disinfection will be restricted to the hours of 9:00
37 p.m. to 7:00 a.m. seven days per week.

38 3. As appropriate the utility should institute additional voluntary conservation
39 measures such as reclaiming of backwash water, improving and accelerating leak
40 detection surveys and repair programs, installing and calibrating meters, and stabilizing
41 and equalizing system pressures.

42 (d) Power Production Use

43 Water used for power production should be voluntarily reduced.

44 (e) Commercial and Industrial Process Use

45 1. Commercial car washes will be restricted as follows:

1 a. for washes servicing passenger vehicles and mobile equipment weighing less
2 than 10,000 pounds,
3 i. use in excess of 75 gallons per wash will be prohibited, and
4 ii. use equal to or less than 75 gallons per wash should be voluntarily reduced;
5 b. for washes servicing mobile equipment weighing 10,000 pounds or more,
6 i. use in excess of 150 gallons per wash will be prohibited and
7 ii. use equal to or less than 150 gallons per wash should be voluntarily reduced.
8 2. Water used for commercial and industrial processes should be voluntarily
9 reduced.

10 (2) Agriculture

11 (a) Agricultural Use

12 1. Overhead irrigation, except by portable volume gun, will be restricted to the
13 hours of 2:00 p.m. to 10:00 a.m.

14 2. Flood and seepage irrigation will not discharge tailwaters from the property
15 provided, however, this restriction will not apply to agricultural uses in the production of
16 watercress planted prior to the declaration of a water shortage.

17 3. Low volume irrigation hours will not be restricted.

18 4. All irrigation systems will be operated in a manner that will maximize the
19 percentage of water withdrawn and held which is placed in the root zone of the crop and
20 will minimize the amount of water which is withdrawn and released or lost to the user but
21 is not immediately available for other users.

22 5. Users having access to more than one source class will maximize the use of the
23 lesser or least restricted source class.

24 (b) Livestock Use Livestock water use should be voluntarily reduced.

25 (c) Aquacultural Use

26 Aquacultural water use should be voluntarily reduced.

27 (d) Soil Flooding

28 1. Soil flooding for pest control or soil preservation will be prohibited.

29 2. Soil flooding to permit harvesting of sod should be voluntarily reduced.

30 (e) Freeze Protection

31 Water use for freeze protection will be restricted to situations in which official
32 weather forecasting services predict temperatures likely to cause permanent damage to
33 crops and when the wet bulb temperature drops to 34 Fahrenheit or lower.

34 (3) Nursery/Landscape Irrigation/Recreation

35 (a) Nursery Use

36 1. Low volume irrigation uses and low volume hand watering should be
37 voluntarily reduced.

38 2. Overhead irrigation uses will be restricted as follows:

39 a. inside - 8:00 a.m. to 8:00 p.m., seven days per week.

40 b. outside - 7:00 p.m. to 7:00 a.m., seven days per week.

41 3. Flood irrigation systems will be restricted to 8 days per month.

42 4. Applications of fertilizers, herbicides and pesticides should be coordinated with
43 irrigation schedules.

44 (b) Landscape Irrigation - New Installation

45 1. For installations which have been in place for less than 30 days and
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1 a. less than 5 acres in size, water use for irrigation will be restricted to the hours
2 of 2:00 a.m. to 8:00 a.m., Monday through Friday,

3 b. 5 acres or greater in size, water use for irrigation will be restricted to the hours
4 of
5 12:01 a.m. to 8:00 a.m. Monday through Friday.

6 2. Low volume hand watering of new landscaping should be voluntarily reduced.

7 3. Cleaning and adjusting of new irrigation systems will be restricted to 10
8 minutes per zone on a one time basis.

9 (c) Landscape Irrigation - Existing Installation

10 1. For existing installations less than 5 acres in size, water use for irrigation will
11 be restricted to the hours from 4:00 a.m. to 8:00 a.m., three days per week.

12 a. Installations with odd addresses will be permitted to irrigate on Monday,
13 Wednesday and Saturday.

14 b. Installations with even addresses or no address will be permitted to irrigate on
15 Tuesday, Thursday and Sunday.

16 2. For existing installations 5 acres or greater in size, water use for irrigation will
17 be restricted to the hours from 12:01 a.m. to 8:00 a.m., three days per week.

18 a. Installations with odd addresses will be permitted to irrigate on Monday,
19 Wednesday, and Saturday.

20 b. Installations with even addresses or no address will be permitted to irrigate on
21 Tuesday, Thursday and Sunday.

22 3. Applications of fertilizers, herbicides and pesticides should be coordinated with
23 irrigation schedules.

24 (d) Recreation Area Use

25 Existing and new recreation area water use will be restricted as provided in
26 paragraphs (b) and (c) respectively.

27 (e) Golf Course Use

28 1. Irrigation of greens and tees should be voluntarily reduced and will be
29 accomplished during non-daylight hours.

30 2. Irrigation of fairways, roughs and nonplaying areas on the first nine holes of the
31 course will be restricted to the hours of 12:01 a.m. to 8:00 a.m. on Monday, Wednesday
32 and Saturday.

33 3. Irrigation of fairways, roughs and nonplaying areas on the last nine holes of the
34 course will be restricted to the hours of 12:01 a.m. to 8:00 a.m. on Tuesday, Thursday
35 and Sunday.

36 4. Applications of fertilizers, herbicides and pesticides should be coordinated with
37 irrigation schedules.

38 (f) Water Based Recreation Use

39 1. Water based recreation water use should be voluntarily reduced.

40 2. Draining of facilities into sewers or onto impervious surfaces will be
41 prohibited.

42 (4) Miscellaneous

43 (a) Heating and Air conditioning Use

44 1. The use of water for heating will be restricted to that amount of water necessary
45 to maintain a maximum temperature of 68 degrees Fahrenheit.

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1 2. The use of water for cooling and air conditioning will be restricted to that
2 amount of water necessary to maintain a minimum temperature of 78 degrees Fahrenheit.

3 (b) Dewatering Use

4 Discharge of fresh water to tide from dewatering will be prohibited.

5 (c) Other Outside Uses

6 1. Washing and cleaning streets, driveways, sidewalks, or other impervious areas
7 with water will be prohibited.

8 2. Mobile equipment washing with water will be restricted to the hours and days
9 prescribed for existing landscape irrigation in paragraph (3)(c), using only low volume
10 methods.

11 3. Outside pressure cleaning shall be restricted to only low volume methods,
12 seven days per week.

13 (d) Diversion and impoundment into non-District facilities water used for
14 diversion and impoundment into non-District facilities should be voluntarily reduced.

15 (e) Aesthetic Use

16 1. Outside aesthetic uses of water will be prohibited.

17 2. Inside aesthetic uses of water should be voluntarily reduced.

18 *Specific Authority: 373.044, 373.113 F.S. Law Implemented: 373.175, 373.246, F.S.*
19 *History--New 1-1-84.*

20 **40C-21.631 Phase II Severe Water Shortage.** The following restrictions shall apply
21 when a Phase II water shortage is declared by the District.

22 (1) Essential/Domestic/Utility/Commercial

23 (a) Essential Use

24 1. The use of water for firefighting, and health or medical purposes will not be
25 restricted.

26 2. Fire hydrant flushing will be undertaken only on an emergency basis.

27 3. Sanitary sewer line flushing and testing will not be restricted except on a
28 voluntary basis.

29 (b) Household and Domestic Type Use

30 1. Residential type domestic use should be voluntarily reduced to 50 gallons per
31 person per day.

32 2. Domestic type use in industrial and commercial establishments should be
33 voluntarily reduced.

34 (c) Water Utility Use

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

39 2. New water line flushing and disinfection will be restricted to the hours of 9:00
40 p.m. to 7:00 a.m. seven days per week.

41 3. As appropriate the utility should institute additional voluntary conservation
42 measures such as reclaiming of backwash water, improving and accelerating leak
43 detection surveys and repair programs, installing and calibrating meters, and stabilizing
44 and equalizing system pressures.

45 (d) Power Production Use

46 Water used for power production should be voluntarily reduced.

- 1 (e) Commercial and Industrial Process Use
2 1. Commercial car washes will be restricted as follows:
3 a. for washes servicing passenger vehicles and mobile equipment weighing less
4 than 10,000 pounds,
5 i. use in excess of 75 gallons per wash will be prohibited and
6 ii. use equal to or less than 75 gallons per wash should be voluntarily reduced;
7 b. for washes servicing mobile equipment weighing 10,000 pounds or more,
8 i. use in excess of 150 gallons per wash will be prohibited and
9 iii. use equal to or less than 150 gallons per wash should be voluntarily reduced.
10 2. Water use for commercial and industrial processes should be voluntarily
11 reduced.
12 (2) Agriculture
13 (a) Agricultural Use
14 1. Overhead irrigation, including portable volume guns, will be restricted to the
15 hours of 2:00 p.m. to 10:00 a.m.
16 2. Low volume irrigation hours will not be restricted.
17 3. Flood and seepage irrigation will not discharge tailwaters from the property.
18 4. All irrigation systems will be operated in a manner that will maximize the
19 percentage of water withdrawn and held which is placed in the root zone of the crop and
20 will minimize the amount of water which is withdrawn and released or lost to the user but
21 is not immediately available for other users.
22 5. Users having access to more than one source class will maximize the use of the
23 lesser or least restricted source class.
24 (b) Livestock Use
25 Livestock water use should be voluntarily reduced.
26 (c) Aquacultural Use
27 Aquacultural water use should be voluntarily reduced.
28 (d) Soil Flooding
29 1. Soil flooding for pest control or soil preservation will be prohibited.
30 2. Soil flooding to permit harvesting of sod should be voluntarily reduced.
31 (e) Freeze Protection
32 Water use for freeze protection will be restricted to situations in which official
33 weather forecasting services predict temperatures likely to cause permanent damage to
34 crops and when the wet bulb temperature drops to 43 Fahrenheit or lower.
35 (3) Nursery/Landscape Irrigation/Recreation
36 (a) Nursery Use
37 1. Low volume irrigation uses and low volume hand watering should be
38 voluntarily reduced.
39 2. Overhead irrigation uses will be restricted as follows:
40 a. inside - 8:00 a.m. to 8:00 p.m., seven days per week
41 b. outside - 7:00 p.m. to 7:00 a.m., on odd numbered days.
42 3. Flood irrigation systems will be restricted to 6 days per month.
43 4. Applications of fertilizers, herbicides and pesticides should be coordinated with
44 irrigation schedules.
45 (b) Landscape irrigation - New Installation
46 1. For installations which have been in place for less than 30 days and

1 a. less than 5 acres in size, water use for irrigation shall be restricted to the hours
2 of 2:00 a.m. to 8:00 a.m., Monday, Wednesday and Friday,

3 b. 5 acres or greater in size, water use for irrigation shall be restricted to the hours
4 of 12:01 a.m. to 8:00 a.m., Monday, Wednesday, Thursday and Friday.

5 2. Low volume hand watering of new landscaping should be voluntarily reduced.

6 3. Cleaning and adjusting of new irrigation systems will be restricted to 10
7 minutes per zone on a one time basis.

8 (c) Landscape Irrigation - Existing Installation

9 1. For existing installations less than 5 acres in size, water use for irrigation will
10 be restricted to the hours of 4:00 a.m. to 8:00 a.m., two days per week.

11 a. Installations with odd addresses will be permitted to irrigate on Wednesday and
12 Saturday.

13 b. Installations with even addresses or no address will be permitted to irrigate on
14 Thursday and Sunday.

15 2. For existing installations 5 acres or greater in size, water use for irrigation will
16 be restricted to the hours of 12:01 a.m. to 8:00 a.m., two days per week.

17 a. Installations with odd addresses will be permitted to irrigate on Wednesday and
18 Saturday.

19 b. Installations with even addresses or no address will be permitted to irrigate on
20 Thursday and Sunday.

21 3. Applications of fertilizers, herbicides and pesticides should be coordinated with
22 irrigation schedules.

23 (d) Recreation Area Use

24 Existing and new recreation area water use will be restricted as provided in
25 paragraphs (b) and (c) respectively.

26 (e) Golf Course Use

27 1. Irrigation of greens and tees should be voluntarily reduced and will be
28 accomplished during nondaylight hours.

29 2. Irrigation of fairways, roughs and nonplaying areas on the first nine holes of the
30 course will be restricted to the hours of 12:01 a.m. to 8:00 a.m. on Wednesday and
31 Saturday.

32 3. Irrigation of fairways, roughs, and nonplaying areas on the last nine holes of
33 the course will be restricted to the hours of 12:01 a.m. to 8:00 a.m. on Thursday and
34 Sunday.

35 4. Applications of fertilizers, herbicides and pesticides should be coordinated with
36 irrigation schedules.

37 (f) Water Based Recreation Use

38 1. Water based recreation water use should be voluntarily reduced.

39 2. Draining of facilities into sewers or onto impervious surfaces will be
40 prohibited.

41 3. Existing facilities will not be refilled except for makeup water.

42 (4) Miscellaneous

43 (a) Heating and Air Conditioning Use

44 1. The use of water for heating will be restricted to that amount of water necessary
45 to maintain a maximum temperature of 68 degrees Fahrenheit.

46

1 2. The use of water for air conditioning will be restricted to that amount of water
2 necessary to maintain a minimum temperature of 78 degrees Fahrenheit.

3 (b) Dewatering Use

4 Discharge of fresh water to tide from dewatering will be prohibited.

5 (c) Other Outside Uses

6 1. Washing or cleaning streets, driveways, sidewalks, or other impervious areas
7 with water will be prohibited.

8 2. Mobile equipment washing with water will be restricted to the hours and days
9 prescribed for existing landscape irrigation in paragraph (3)(c) using only low volume
10 methods.

11 3. Outside pressure cleaning will be restricted to only low volume methods, seven
12 days per week.

13 (d) Diversion and impoundment into non-District facilities water used for
14 diversion and impoundment into non-District facilities should be voluntarily reduced.

15 (e) Aesthetic Use

16 1. Outside aesthetic uses of water will be prohibited.

17 2. Inside aesthetic uses of water should be voluntarily reduced.

18 *Specific Authority: 373.044, 373.113 F.S. Law Implemented: 373.175, 373.246, F.S.*
19 *History--New 1-1-84.*

20 **40C-21.641 Phase III Extreme Water Shortage.** The following restrictions will apply
21 when a Phase III shortage is declared by the District.

22 (1) Essential/Domestic/Utility/Commercial

23 (a) Essential Use

24 1. The use of water for firefighting, and health or medical purposes will not be
25 restricted.

26 2. Fire hydrant flushing should be undertaken only on an emergency basis.

27 3. Sanitary sewer line flushing and testing will not be restricted except on a
28 voluntary basis.

29 (b) Household and Domestic Type Use

30 1. Residential type domestic use should be voluntarily reduced to 40 gallons per
31 person per day.

32 2. Domestic type use in industrial and commercial establishments should be
33 voluntarily reduced.

34 (c) Water Utility Use

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

39 2. New water line flushing and disinfection will be restricted to the hours of 9:00
40 p.m. to 7:00 a.m. seven days per week.

41 3. As appropriate the utility should institute additional voluntary conservation
42 measures such as reclaiming of backwash water, improving and accelerating leak
43 detection surveys and repair programs, installing and calibrating meters, and stabilizing
44 and equalizing system pressures.

45 (d) Power Production Use

46 1. Water used for power production should be voluntarily reduced.

- 1 (e) Commercial and Industrial Process Use
2 1. Commercial car washes will be restricted as follows:
3 a. For washes servicing passenger vehicles and mobile equipment weighing less
4 than 10,000 pounds.
5 i. use in excess of 75 gallons per wash will be prohibited.
6 ii. use equal to or less than 75 gallons but more than 50 gallons per wash will be
7 restricted to the hours of 8:00 a.m. through 3:00 p.m., and
8 iii. use equal to or less than 50 gallons per wash should be voluntarily reduced;
9 b. for washes servicing mobile equipment weighing 10,000 pounds or more,
10 i. use in excess of 150 gallons per wash will be prohibited.
11 ii. use equal to or less than 150 gallons but more than 100 gallons per wash will
12 be restricted to the hours of 8:00 a.m. through 3:00 p.m., and
13 iii. use equal to or less than 100 gallons per wash should be voluntarily reduced.
14 2. Water used for commercial and industrial processes should be voluntarily
15 reduced by 15%. The 15% reduction will be based upon the permitted allocation of water
16 for the process, or water used during a similar period from the previous year if the user is
17 exempt from Chapter 40C-2 permitting.
- 18 (2) Agriculture
19 (a) Agricultural Use
20 1. Overhead irrigation, including portable volume guns, will be restricted to the
21 hours of 7:00 p.m. to 9:00 a.m.
22 2. Low volume irrigation hours will not be restricted.
23 3. Flood and seepage irrigation will not discharge tail waters from the property.
24 4. All irrigation systems will be operated in a manner that will maximize the
25 percentage of water withdrawn and held which is placed in the root zone of the crop and
26 will minimize the amount of water which is withdrawn and released or lost to the user but
27 is not immediately available for other users.
28 5. Users having access to more than one source class will maximize the use of the
29 lesser or least restricted source class.
30 6. The District's allocation for agricultural irrigation will be determined based on
31 its evaluation of the supply capabilities of the source class, the supply capabilities of
32 other source classes available in the area, the needs of agriculture and all other users in
33 the area and the District's overall management strategy for handling the uncertainties of
34 future climatological events. The share of the total agricultural irrigation allocation
35 available to each user will be based on any prioritization among crops the District
36 establishes based on economic loss and equity considerations and the acreage and
37 quantity of withdrawals for which the user has been permitted.
- 38 (b) Livestock Use
39 Livestock water use should be voluntarily reduced.
40 (c) Aquacultural Use
41 Aquacultural water use should be voluntarily reduced.
42 (d) Soil Flooding
43 1. Soil flooding for pest control or soil preservation will be prohibited.
44 2. Soil flooding to permit harvesting of sod will be prohibited.
45 (e) Freeze Protection
46

1 Water use for freeze protection will be restricted to situations in which official
2 weather forecasting services predict temperatures likely to cause permanent damage to
3 crops and when the wet bulb temperature drops to 34 degrees Fahrenheit or lower.

4 (3) Nursery/Landscape Irrigation/Recreation

5 (a) Nursery Use

6 1. Low volume irrigation uses and low volume hand watering should be
7 voluntarily reduced.

8 2. Overhead irrigation uses will be restricted as follows:

9 a. inside - 8:00 a.m. to 8:00 p.m., on odd numbered days

10 b. outside - 12:01 a.m. to 7:00 p.m., on odd numbered days.

11 3. Flood irrigation systems will be restricted to 4 days per month.

12 4. Applications of fertilizers, herbicides and pesticides should be coordinated with
13 irrigation schedules.

14 (b) Landscape Irrigation - New Installation

15 1. For installations which have been in place for less than 30 days and

16 a. less than 5 acres in size, water use for irrigation will be restricted to the hours
17 of 2:00

18 a.m. to 7:00 a.m. Monday, Wednesday and Friday.

19 b. 5 acres or greater in size, water use for irrigation will be restricted to the hours
20 of 12:01 a.m. to 7:00 a.m., Monday, Wednesday and Friday.

21 2. Low volume hand watering of new landscaping should be voluntarily reduced.

22 3. Cleaning and adjusting or new irrigation systems will be restricted to 10
23 minutes per zone on a one time basis.

24 (c) Landscape Irrigation - Existing Installation

25 1. For existing installations less than 5 acres in size, water use for irrigation will
26 be restricted to the hours from 4:00 a.m. to 7:00 a.m., one day per week.

27 a. Installations with odd addresses will be permitted to irrigate on Saturday.

28 b. Installations with even addresses or no address will be permitted to irrigate on
29 Sunday.

30 2. For existing installations 5 acres or greater in size, water use for irrigation shall
31 be restricted to the hours of 12:01 a.m. to 8:00 a.m., one day per week.

32 a. Installations with odd addresses will be permitted to irrigate on Saturday.

33 b. Installations with even addresses or no address will be permitted to irrigate on
34 Sunday.

35 3. Applications of fertilizers, herbicides and pesticides should be coordinated with
36 irrigation schedules.

37 (d) Recreation Area Use

38 Existing and new recreation area water use will be restricted as provided in
39 paragraphs (b) and (c) respectively.

40 (e) Golf Course Use

41 1. Irrigation of greens should be voluntarily reduced and will be accomplished
42 during non-daylight hours.

43 2. Irrigation of tees will be restricted to non-daylight hours three days per week.

44 The front nine holes will be restricted to Monday, Wednesday, and Saturday and the back
45 nine holes will be restricted to Tuesday, Thursday and Sunday.

46

1 3. Irrigation of fairways, roughs and nonplaying areas on the first nine holes of the
2 course will be restricted to the hours of 12:01 a.m. to 7:00 a.m. on Saturday.

3 4. Irrigation of fairways, roughs and nonplaying areas on the last nine holes of the
4 course will be restricted to the hours of 12:01 a.m. to 7:00 a.m. on Sunday.

5 5. Applications of fertilizers, herbicides and pesticides should be coordinated with
6 irrigation schedules.

7 (f) Water Based Recreation Use

8 1. Water based recreation water use should be voluntarily reduced.

9 2. Draining of facilities into sewers or onto impervious surfaces will be
10 prohibited.

11 3. Existing facilities will not be refilled except for makeup water.

12 (4) Miscellaneous

13 (a) Heating and Air Conditioning Use

14 1. The use of water for heating will be restricted to that amount of water necessary
15 to maintain a maximum temperature of 68 degrees Fahrenheit.

16 2. The use of water for air conditioning will be restricted to that amount of water
17 necessary to maintain a minimum temperature of 78 degrees Fahrenheit.

18 (b) Dewatering Use

19 1. Discharge of fresh water to tide from dewatering will be prohibited.

20 2. Discharge offsite of fresh water from dewatering will be prohibited.

21 (c) Other Outside Uses

22 1. Washing or cleaning streets, driveways, sidewalk, or other impervious areas
23 with water will be prohibited.

24 2. Mobile equipment washing with water will be restricted the hours and days
25 prescribed for existing landscape irrigation in paragraph (3)(c), using only low volume
26 methods.

27 3. Outside pressure cleaning will be restricted to only low volume methods,
28 Monday through Friday.

29 (d) Diversion and Impoundment into non-District Facilities

30 Water used for diversion and impoundment into non-District facilities should be
31 voluntarily reduced.

32 (e) Aesthetic Use

33 1. Outside aesthetic uses of water will be prohibited.

34 2. Inside aesthetic uses of water will be prohibited.

35 *Specific Authority: 373.044, 373.113 F.S. Law Implemented: 373.175, 373.246, F.S.*
36 *History--New 1-1-84.*

37 **40C-21.651 Phase IV Critical Water Shortage.** The following restrictions will apply
38 when a Phase IV shortage is declared by the District.

39 (1) Essential/Domestic/Utility/Commercial

40 (a) Essential Use

41 1. The use of water for firefighting, and health or medical purposes will not be
42 restricted.

43 2. Fire hydrant flushing will be undertaken only on an emergency basis.

44 3. Sanitary sewer line flushing and testing will be undertaken only on an
45 emergency basis.

46 (b) Household and Domestic Type Use

1 1. Residential type domestic use will be voluntarily reduced to 30 gallons per
2 person per day.

3 2. Domestic type use in industrial and commercial establishments will be
4 voluntarily reduced to the minimum levels necessary to preserve public health and safety.

5 (c) Water Utility Use

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

10 2. New water line flushing and disinfection will be restricted to the hours of 9:00
11 p.m. to 7:00 a.m. seven days per week.

12 3. As may be appropriate the utility will institute additional conservation
13 measures such as reclaiming of backwash water, improving and accelerating leak
14 detection surveys and repair programs, installing and calibrating meters, and stabilizing
15 and equalizing system pressures.

16 (d) Power Production Use

17 Water used for power production will be voluntarily reduced.

18 (e) Commercial and Industrial Process Use

19 1. commercial car washes will be restricted as follows:

20 a. for washes servicing passenger vehicles and mobile equipment weighing less
21 than 10,000 pounds.

22 i. use in excess of 75 gallons per wash shall be prohibited,

23 ii. use equal to or less than 75 gallons but more than 50 gallons per wash shall be
24 restricted to the hours of 8:00 a.m. through 3:00 p.m., and

25 iii. use equal to or less than 50 gallons per wash shall be voluntarily reduced;

26 b. for washes servicing mobile equipment weighing 10,000 pounds or more,

27 i. use in excess of 150 gallons per wash shall be prohibited.

28 ii. use equal to or less than 150 gallons but more than 100 gallons per wash will
29 be restricted to the hours of 8:00 a.m. through 3:00 p.m., and

30 iii. use equal to or less than 100 gallons per wash should be voluntarily reduced.

31 2. Water used for commercial and industrial processes should be voluntarily
32 reduced by 15%. The 15% reduction will be based upon the permitted allocation of water
33 for the process, or water used during a similar period from the previous year if the user is
34 exempted from Chapter 40C2 permitting.

35 (2) Agriculture Agricultural Use

36 1. Overhead irrigation, including by portable volume guns, will be restricted to
37 the hours of 7:00 p.m. to 9:00 a.m.

38 2. Low volume irrigation hours will not be restricted.

39 3. Flood and seepage irrigation will not discharge tail waters from the property.

40 4. All irrigation systems will be operated in a manner that will maximize the
41 percentage of water withdrawn and held which is placed in the root zone of the crop and
42 will minimize the amount of water which is withdrawn and released or lost to the user but
43 is not immediately available for other users.

44 5. Users having access to more than one source class will maximize the use of the
45 lesser or least restricted source class.

46

1 6. The District's allocation for agricultural irrigation will be determined based on
2 its evaluation of the supply capabilities of the source class, the supply capabilities of
3 other source classes available in the area, the needs of agriculture and all other users in
4 the area and the District's overall management strategy for handling the uncertainties of
5 future climatological events. The share of the total agricultural irrigation allocation
6 available to each user will be based on any prioritization among crops the District
7 establishes based on economic loss and equity considerations and the acreage and
8 quantity of withdrawals for which the user has been permitted.

9 (b) Livestock Use

10 Livestock water use should be voluntarily reduced.

11 (c) Aquacultural Use

12 Aquacultural water use should be voluntarily reduced.

13 (d) Soil Flooding

14 1. Soil flooding for pest control or soil preservation will be prohibited.

15 2. Soil flooding to permit harvesting of sod will be prohibited.

16 (e) Freeze Protection

17 Water use for freeze protection will be restricted to situations in which official
18 weather forecasting services predict temperatures likely to cause permanent damage to
19 crops and when the wet bulb temperature drops to 34 degrees Fahrenheit.

20 (3) Nursery/Landscape Irrigation/Recreation

21 (a) Nursery Use

22 1. Low volume irrigation uses and low volume hand watering will be voluntarily
23 reduced.

24 2. Overhead irrigation uses will be restricted as follows:

25 a. inside - 8:00 a.m. to 4:00 p.m., on odd numbered days

26 b. outside - 2:00 a.m. to 7:00 a.m., on odd numbered days

27 3. Flood irrigation systems will be restricted to 2 days per month.

28 4. Applications of fertilizers, herbicides and pesticides should be coordinated with
29 irrigation schedules.

30 (b) Landscape Irrigation - New Installation

31 1. For installations which have been in place for less than 30 days and

32 a. less than 5 acres in size, water use for irrigation will be restricted to the hours
33 of 6:00 a.m. to 7:00 a.m., Saturday.

34 b. 5 acres or greater in size, water use for irrigation will be restricted to the hours
35 of 4:00 a.m. to 7:00 a.m., Saturday.

36 2. Low volume hand watering of new landscaping will be restricted to Monday,
37 Wednesday and Friday.

38 3. Cleaning and adjusting of new irrigation systems will be prohibited.

39 (c) Landscape Irrigation - Existing Installation

40 1. For existing installations less than 5 acres in size, water use for irrigation will
41 be restricted to the hours from 6:00 a.m. to 7:00 a.m., one day per week.

42 a. Installations with odd addresses will be permitted to irrigate on Saturday.

43 b. Installations with even addresses or no address will be permitted to irrigate on
44 Sunday.

45 2. For existing installations 5 acres or greater in size, water use for irrigation will
46 be restricted to the hours from 4:00 a.m. to 7:00 a.m., one day per week.

- 1 a. Installations with odd addresses will be permitted to irrigate on Saturday.
2 b. Installations with even addresses or no address will be permitted to irrigate on
3 Sunday.
4 3. Applications of fertilizers, herbicides and pesticides should be coordinated with
5 irrigation schedules.
6 (d) Recreation Area Use
7 Existing and new recreation area water use will be restricted as provided in
8 paragraphs (b) and (c) respectively.
9 (e) Golf Course Use
10 1. Irrigation of greens should be voluntarily reduced and will be accomplished
11 during non-daylight hours.
12 2. Irrigation of tees will be restricted to non-daylight hours one day per week. The
13 front nine holes will be restricted to Saturday and the back nine holes will be restricted to
14 Sunday.
15 3. Irrigation of fairways, roughs and nonplaying areas on the first nine holes of the
16 course will be restricted to the hours of 4:00 a.m. to 7:00 a.m. on Saturday.
17 4. Irrigation of fairways, roughs and nonplaying areas on the last nine holes of the
18 course will be restricted to the hours of 4:00 a.m. to 7:00 a.m. on Sunday.
19 5. Applications of fertilizers, herbicides and pesticides should be coordinated with
20 irrigation schedules.
21 (f) Water Based Recreation Use
22 Water based recreation water use will be restricted, as follows:
23 1. Draining of facilities into sewers or onto impervious surfaces will be
24 prohibited.
25 2. Filling of new or existing facilities will be prohibited.
26 (4) Miscellaneous
27 (a) Heating and Air conditioning Use
28 1. The use of water for heating will be restricted to that amount of water necessary
29 to maintain a maximum temperature of 68 degrees Fahrenheit.
30 2. The use of water for air conditioning will be restricted to that amount of water
31 necessary to maintain a minimum temperature of 78 degrees Fahrenheit.
32 3. Heating and air conditioning systems will not discharge water to tide.
33 4. Reuse of water will be required.
34 (b) Dewatering Use
35 1. Discharge of fresh water to tide from dewatering will be prohibited.
36 2. Discharge offsite of fresh water from dewatering will be prohibited.
37 (c) Other Outside Uses
38 1. Washing and cleaning streets, driveways, sidewalks or other impervious areas
39 with water will be prohibited.
40 2. Mobile equipment washing with water will be restricted to the hours and days
41 prescribed for existing landscape irrigation in paragraph (3)(c), using only low volume
42 methods.
43 3 Outside pressure cleaning will be restricted to only low volume methods,
44 Monday and Wednesday.
45 (d) Diversion and impoundment into non-District facilities water used for
46 diversion and impoundment into non-District facilities should be voluntarily reduced.

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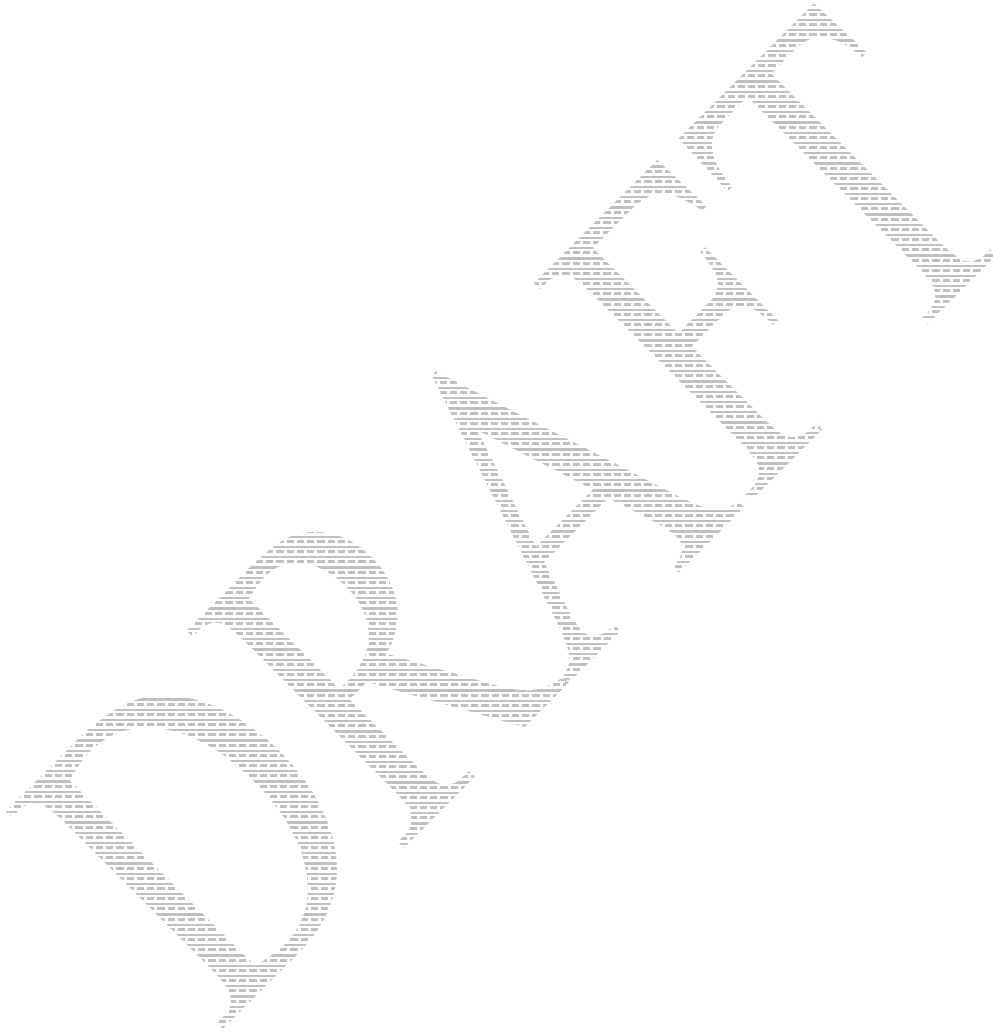
(e) Aesthetic Use

1. Outside aesthetic uses of water will be prohibited.

2. Inside aesthetic uses of water will be prohibited.

Specific Authority: 373.044, 373.113 F. S. Law Implemented: 373.175, 373.246, F.S.

History--New 1-1-84.



WATER SHORTAGE RESTRICTIONS
ESSENTIAL/DOMESTIC/UTILITY/COMMERCIAL

	ESSENTIAL USE	DOMESTIC TYPE USE	HOUSEHOLD & WATER UTILITY USE	POWER PRODUCTION USE COMMERCIAL & INDUSTRIAL PROCESS USE
PHASE I Moderate Shortage (Yellow)	Fire fighting or medical uses - No restrictions. Hydrant flushing – only on emergency basis Sewer line flushing – voluntary reductions	Residential domestic use - voluntarily reduced to 60 gallons per person per day. Commercial and Industrial domestic type use – voluntarily reduced	Pressure-Reduction by at least 15% initial pressure at point of service (meter) where operationally feasible. Maintain adequate line and fire flow pressures.	Commercial car washes - For vehicles under 10,000 lb. gross veh. wt. – use restricted to 75 gal. or less per wash; vehicles greater than 10,000 lb gross veh. wt. restricted to 150 gal. or less per wash. Other power production, commercial & industrial processes - voluntary.
PHASE II Severe Shortage (Orange)	Same as Phase I	Residential domestic use - voluntarily reduced to 50 gal., per person per day. Commercial & Industrial domestic type use voluntarily reduced.	Pressure - Same as Phase I, except pressure reduction is mandatory where operationally feasible	Same as Phase I
PHASE III Extreme Shortage (Red)	Same as Phase I	Residential Domestic use - voluntarily reduced to 40 gal per person per day. Commercial & industrial domestic type use voluntarily reduced.	Pressure - Voluntary reduction by 15% initial pressure at point of service (meter) where operationally feasible. Notify appropriate fire fighting agencies. New waterline cleaning & disinfection - restricted to 9 p.m. to 7 a.m.	Commercial car washes - for vehicles under 10,000 lbs. gross veh. wt. Use above 75 gal. per wash prohibited. Use between 75 gal. & 50 gal. restricted to 11 a.m. - 3 p.m. Use 50 gal. or less voluntary. Vehicles over 10,000 lbs. gross veh. wt. - Use above 150 gal. per wash prohibited. Use between 150 and 100 gal. restricted to 8 a.m. - 3 p.m. Use 100 gal or less - voluntary. Other commercial, industrial & processes voluntary to achieve 15% reduction based upon the permitted allocation for the process. Power reduction processes voluntary to achieve 15% reduction based on permitted allocation or base period from previous year if non-permitted.
PHASE IV Critical Shortage (Purple)	Fire fighting or medical uses - No restriction Hydrant flushing – only on emergency basis. Sewer line flushing - only on an emergency basis.	Residential domestic use - voluntarily reduced to 30 gal per person per day. Commercial & Industrial domestic type use voluntarily reduced to minimum levels required for health & safety	Pressure - Same as Phase III	Same as Phase III

MORE THAN 60% REDUCTION – NO OUTSIDE WATER USE - OTHER RESTRICTIONS AS DIRECTED BY GOVERNING BOARD

Figure 21-1
Sheet 1 of 4

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WATER SHORTAGE RESTRICTIONS
AGRICULTURE

	AGRICULTURAL USE	AQUACULTURAL USE LIVESTOCK USE	SOIL FLOODING	FREEZE PROTECTION
PHASE I Moderate Shortage (Yellow)	Overhead, except portable volume guns-restricted to 2 p.m. to 10 a.m. Low volume - no restrictions. Voluntary use of water conservation techniques. Maximize use from sources not experiencing shortage. Flood and seepage - no tailwater discharge from property, except water used for production of watercress..	Voluntary reduction in use	Pest Control, soil preservation Flooding prohibited. Sod-flooding to permit harvesting Voluntary reduction.	Limited to situations in which official weather forecast services predict freezing temperatures likely to cause permanent damage to crops; and wet bulb temperature drops below 34 degrees F..
PHASE II Severe Shortage (Orange)	Overhead, including portable volume guns-restricted to 2 p.m. to 10 a.m. Low volume - no restrictions. Voluntary use of water conservation techniques. Maximize use from source not experiencing shortage. Flood and seepage - no tailwater discharge from property.	Same as Phase I	Pest Control. Soil preservation flooding prohibited. Sod-flooding to permit harvesting prohibited.	Same as Phase I
PHASE III Extreme Shortage (Red)	Overhead, including portable volume guns - restricted to 7 p.m. to 9 a.m. Low volume - no restrictions. Voluntary use of water conservation techniques. Maximum uses from sources not experiencing shortage. With-drawals limited based up availability of water, permitted acreage and allocation and relative value of agricultural products. Flood and seepage - no tailwater discharge from property.	Same as Phase I	Same as Phase II	Same as Phase I.
PHASE IV Critical Shortage (Purple)	Same as Phase III	Same as Phase I	Pressure - Same as Phase II	Same as Phase I

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2

1. MORE THAN 60% REDUCTION - NO OUTSIDE WATER USE
OTHER RESTRICTIONS AS DIRECTED BY GOVERNING BOARD

Figure 21-1
Sheet 2 of 4

WATER SHORTAGE RESTRICTIONS
NURSERY/LANDSCAPE/IRRIGATION/RECREATION

	NURSERY USE	LANDSCAPE IRRIGATION NEW INSTALLATION RECREATION AREA USE	LANDSCAPE IRRIGATION EXISTING INSTALLATION RECREATION AREA USE	GOLF COURSE USE	WATER BASED RECREATION USE (INCLUDES POOLS, WATER SLIDES,
PHASE I Moderate Shortage (Yellow)	Low volume - voluntary Low volume hand watering voluntary. Overhead-Inside 8 a.m. - 8 p.m., 7 days per week. Overhead outside 7 p.m. - 7 a.m., 7 days per week. Flood - 8 days per month.*	Under 5 acres - 2 a.m. - 8 a.m., Mon- Fri. 5 acres or over - 12:01 a.m. - 8 a.m., Mon - Fri. Low volume hand watering voluntary. New irrigation system cleaning & adjusting – 10 min. per zone, one time only.	Under 5 acres 4 a.m. - 8 a.m. Mon., Wed. & Sat. for odd house addresses & Tues., Thurs., Sun. for even house addresses or locations with no address. 5 acres or over - same as under 5 acres except hours limited to 12:01 a.m. - 8 a.m.*	Greens and tees - night only. Other reductions voluntary. Fairways and roughs – same as Phase I landscape irrigation, existing installations over 5 acres. (Front 9 Mon., Wed. Sat: Back 9 Tues, Thurs, Sun.)*	Filling - permitted for new and existing facilities. Draining - only permitted onto pervious surfaces. No draining into sewers. Makeup-permitted for new and existing facilities.
PHASE II Severe Shortage (Orange)	Low volume - voluntary. Low volume handwatering voluntary. Overhead – Inside - 8 a.m. - 8 p.m., 7 days per week. Overhead outside 7 p.m. - 7 a.m., odd numbered days. Flood - 6 days per month.*	Under 5 acres - 2 a.m. - 8 a.m., Mon. Wed, Thurs, Fri. 5 acres or over 12:01 a.m. - 8 a.m., Mon, Wed, Thurs, Fri. Low vol. hand watering - voluntary. New irrig. system clean & adjust. 10 min. per zone, one time only.	Under 5 acres - 4 a.m. - 8 a.m. on Wed & Sat for odd house addresses; Thurs & Sun for even house addresses & locations with no address. 5 acres or over - Same as under 5 acres, except hours limited to 12:01 a.m. - 8 a.m.*	Greens and Tees - night only, other reductions voluntary. Fairways and Roughs – Same as Phase II landscape irrigation – existing installation, over 5 acres. (Front 9 Wed, Sat, Back 9 Thurs, Sun.)*	Filling - permitted for new facilities, prohibited for existing facilities. Draining same as Phase I Makeup - Same as Phase I
PHASE III Extreme Shortage (Red)	Low volume - voluntary. Low volume hand watering voluntary. Overhead-inside 8 a.m. - 8 p.m., odd numbered days. Overhead – outside 12:01 a.m. - 7 a.m., odd numbered days. Flood 4 days per month.*	Under 5 acres - 2 a.m. - 7 a.m., Mon, Wed, Fri. 5 acres or over 12:01 a.m. - 7 a.m. Mon, Wed, Fri. Low volume hand watering - voluntary. New irrigation system cleaning & adjusting - 10 min. per zone, one time only.	Under 5 acres - 4 a.m. - 8 a.m. on Sat for odd house addresses; Sun for even addresses & locations with no address. 5 acres or over - same as under 5 acres except hours limited to 12:01 a.m. to 8 a.m.*	Greens - night only. Other reductions voluntary. Tees 3 days/week, front 9 Mon, Wed, Sat. Back 9 Tues, Thur, Sun. Night only. Fairways and Roughs - same as Phase III landscape irrigation - existing installation over 5 acres. (Front 9 Sat., Back 9 Sun.)*	Same as Phase II
PHASE IV Critical Shortage (Purple)	Low volume - voluntary. Low volume hand watering voluntary. Overhead-inside 8 a.m. - 4 p.m., odd numbered days. Overhead outside 2 a.m. - 7 a.m., odd numbered days. Flood 2 days per month.*	Under 5 acres 6 a.m. - 7 a.m., Sat. 5 acres or over 4 a.m. - 7 a.m., Sat. Low volume hand watering - Mon, Wed, Fri. New irrigation system cleaning & adjusting - prohibited	Under 5 acres 6 a.m. - 7 a.m.. on Sat. for odd house addresses & Sun for even house addresses and locations with no addresses. 5 acres or over - Same as under 5 acres except hours limited to 4 a.m. 7 a.m.*	Greens-night only, other reductions voluntary. Tees 1 day/week. Front 9 Sat., Back 9 Sun. Night only. Fairways and Roughs - Same as Phase IV landscape irrigation existing installation, over 5 acres (Front 9 Sat., Back 9 Sun.)*	Filling prohibited for new and existing facilities Draining Same as Phase I Makeup prohibited

1 MORE THAN 60% REDUCTION - NO OUTSIDE WATER USE
2 OTHER RESTRICTIONS AS DIRECTED BY GOVERNING BOARD
3

*Coordinate applications of fertilizers, herbicides and pesticides with irrigation schedule.

Figure 21-1
Sheet 3 of 4

WATER SHORTAGE RESTRICTIONS
MISCELLANEOUS

	HEATING & AIR CONDITIONING	DEWATERING	DIVERSION & IMPOUNDMENT INTO NON- DISTRICT FAC	OTHER OUTSIDE USES	ASTHETIC USE (INCLUDES, FOUNTAINS WATERFALLS, ETC.)
PHASE I Moderate Shortage (Yellow)	Heating use restricted to water necessary to maintain temperatures no warmer than 60 degrees F. Air conditioning use restricted to water necessary to maintain temperature no cooler than 28 degrees F.	Discharge of freshwater to tide prohibited	Voluntary reduction in diversions	Street, driveway, sidewalk washing or cleaning prohibited. Vehicle washing (non-commercial) pervious surfaces only, during existing landscape irrigation hours & days, low volume only. Outside pressure cleaning, low volume processes only, 7 days/week.	Outside – Prohibited inside – Voluntary reductions.
PHASE II Severe Shortage (Orange)	Same as Phase I	Same as Phase I	Same as Phase I	Same as Phase I	Same as Phase I
PHASE III Extreme Shortage (Red)	Same as Phase I	Same as Phase I	Same as Phase I	Street, driveway, sidewalk – Same as Phase I. Vehicle washing (non-commercial): - Same as Phase I. Outside pressure cleaning – low volume processes only, Monday through Friday.	Outside Prohibited Inside Prohibited.
PHASE IV Critical Shortage (Purple)	No immediate discharge to tide water; water reuse required.	Same as Phase I	Same as Phase I	Street, driveway, sidewalk – Same as Phase I. Vehicle washing (non-commercial); Same as Phase I. Outside pressure cleaning – low volume processes only Monday & Wednesday	Same as Phase III

MORE THAN 60% REDUCTION – NO OUTSIDE WATER USE
OTHER RESTRICTIONS AS DIRECTED BY GOVERNING BOARD

Figure 21-1
Sheet 4 of 4

1
2
3