

WATER SHORTAGE CONTINGENCY PLAN

CENTRAL WELD COUNTY WATER DISTRICT
JUNE 20, 2002

Section I: Declaration of Policy, Purpose, and Intent

In order to conserve the available water supply and protect the integrity of water supply facilities, with particular regard for domestic water use, sanitation, and fire protection, and to protect and preserve public health, welfare, and safety and minimize the adverse impacts of water supply shortage or other water supply emergency conditions, the Central Weld County Water District (the District) Board of Directors hereby adopted the following regulations and restrictions on the delivery and consumption of water on June 20, 2002.

Water uses regulated or prohibited under this Water Shortage Contingency Plan (the Plan) are considered to be nonessential; and continuation of such uses during times of water shortage or other emergency water supply condition are deemed to constitute a waste of water which subjects the offender(s) to penalties as defined in this Plan.

The goal of this Plan is to ensure an adequate supply of water for the tapholders of the District. The Plan includes measures that will both reduce water demand by the tapholders and increase the raw water supply available to the Carter Lake Filter Plant.

Water rate adjustments at Stage 3 and beyond shall be based on a percentage of winter use. This measure will allow the District to relieve some of the budget impacts of reduced water consumption and encourage tapholders to conserve. Commercial tapholders who rely on a year-round steady supply of water and are consistent users shall not be severely impacted by the water rate adjustments. Residential tapholders shall not be adversely impacted by the rate adjustments for essential household uses. Residential tapholders who use excessive amounts of water to maintain large landscapes will be affected by the rate adjustments.

Section II: Tapholder & Regional Entity Involvement

Opportunity for the tapholders and regional entities to provide input into the preparation of the Plan was provided by the District by the following means:

- Posting the draft Plan on the District website : www.cwcwd.com
- Providing a copy of the draft Plan to regional entities with a request for comment
- Meeting with various regional entities and individuals to discuss the draft Plan

Section III: Tapholder Education

The District will periodically provide the tapholders with information about the Plan, including information about the conditions under which each stage of the Plan is to be initiated or terminated and the water shortage response measures to be implemented in

each stage. This information will be provided by means of quarterly and/or monthly newsletters, billing inserts, door hangs, web site, posted public notice when appropriate, and press releases.

Section IV: Notification and Coordination with Regional Water Providers

A copy of this Water Shortage Contingency Plan will be provided to other regional water providers. Written notice will be provided to other regional water providers whenever the District initiates and/or terminates various stages of this Plan.

Section V: Authorization

The District Manager or the Manager's designee is hereby authorized and directed to implement the applicable provisions of this Plan upon determination that such implementation is necessary to conserve water during times of shortage while still protecting the public health, safety, and welfare. The District Manager or the Manager's designee shall have the authority to initiate or terminate water shortage or other water supply emergency response measures as described in this Plan. The District Manager or the Manager's designee shall immediately inform the Board of Directors of any changes in stages of the Plan.

Section VI: Application

The provisions of this Plan shall apply to all persons, tapholders, and property utilizing water provided by the District. The terms "person" and "tapholder" as used in the Plan include individuals, corporations, partnerships, associations, municipalities, special districts, and all other legal entities.

Water service provided via master meter for contractual purposes may be subject to this Plan following coordination with the contract holder.

Section VII: Definitions

For the purposes of this Plan, the following definitions shall apply:

Aesthetic water use: water use for ornamental or decorative purposes such as fountains, reflecting pools, and water gardens.

Beneficial use: water uses that are essential or required for the protection of public, health, safety, and welfare, including domestic water uses.

CLFP: Carter Lake Filter Plant - the treatment plant that provides potable water to the District.

Conservation: those practices, techniques, and technologies that reduce the consumption of water, reduce the loss or waste of water, improve the efficiency in the use of water or increase the recycling and reuse of water so that a supply is conserved and made available for future or alternative uses.

Domestic water use: water use for personal needs or for household or sanitary purposes such as drinking, bathing, heating, cooking, sanitation, or for cleaning a residence, business, industry, or institution.

Even number address: street addresses, box numbers, or rural postal route numbers ending in 0, 2, 4, 6, or 8 and locations without addresses.

Landscape irrigation use: water used for the irrigation and maintenance of landscaped areas, whether publicly or privately owned, including residential and commercial lawns, gardens, golf courses, parks, and rights-of-way and medians.

Master Meters: tapholders who purchase water wholesale from the District and re-sell the water to others.

MGD: million gallons per day.

NCWCD: Northern Colorado Water Conservancy District - manages the majority of the District's raw water supply.

Non-essential water use: water uses that are not essential nor required for the protection of public, health, safety, and welfare, including:

- irrigation of landscape areas, including parks, athletic fields, and golf courses, except otherwise provided under this Plan;
- use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other equipment or vehicle;
- use of water to wash down any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;
- use of water to wash down buildings or structures for purposes other than immediate fire protection or hazardous substance remediation;
- flushing gutters or permitting water to run or accumulate in any gutter or street;
- use of water to fill, refill, or add to any indoor or outdoor swimming pools or jacuzzi-type pools;

- use of water in a fountain or pond for aesthetic or scenic purposes except where necessary to support aquatic life;
- failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s); and
- use of water from hydrants for construction purposes or any other purposes other than fire fighting.

Odd number address: street addresses, box numbers, or rural postal route numbers ending in 1, 3, 5, 7, or 9.

Tapholder: individuals, corporations, partnerships, associations, municipalities, special districts, and all other legal entities using water supplied by the District.

Water shortage rates: water rates that are fair to the largest number of tapholders possible, and that are based on a percentage of average monthly winter usage are the most equitable way to encourage tapholders to conserve water and to recover lost revenue. Tapholders who use approximately the same amount of water year-round will be minimally affected by the water shortage rates.

Water year: November 1 through October 31

Winter usage: quarterly consumption for the previous months of January, February, and March. The winter consumption is divided by three to determine that average monthly winter usage. If a tap does not have a record of winter use, then the average monthly winter usage for all taps in the tap size category shall be used as the basis.

Section VIII: Criteria for Initiation and Termination of Water Shortage Response Stages

The District Manager or the Manager's designee shall monitor water supply and demand conditions on a monthly basis or as operational conditions require. The District Manager shall determine when conditions warrant initiation or termination of each stage of the Plan, that is, when the specified "triggers" are reached.

The triggering criteria described below are based on a statistical analysis of the vulnerability of the water source under water shortage conditions, historical water demand patterns, and the District's ability to meet the projected water demands.

Northern Colorado is an arid climate. During wet cycles, water demand is reduced and there is plenty of water available for unrestricted use. However, during dry cycles and facility emergencies, water demand increases and the

supply diminishes. Some of the trigger criteria are based on future projections. The District is committed to conservatively planning ahead for future years as well as meeting the needs of the current year.

Section IX: Water Shortage Condition Triggers and Responses

There are five (5) stages of water shortage conditions detailed in this Plan. The criteria to be used to determine the severity of the water shortage are presented as well as the responses that the District will require from itself and the tapholders at each stage.

If at any time, the District's supply of water is greater than **120%** of the projected worst case demand, then no more than a Stage 2 Water Shortage can be triggered, unless adverse operational conditions exist. It is possible that only a portion of the District would be affected by a water shortage if that shortage were due to a catastrophic operational condition in a localized area.

Stage 1 Triggers -- MILD Water Shortage Conditions

Requirements for initiation

Tapholders shall be requested to voluntarily conserve water and adhere to the prescribed restrictions on certain water uses, when one or more of the following events occur:

- (a) NCWCD declares a fixed quota less than **70%**.
- (b) NCWCD declares a variable quota of **70%** or less **and** the most conservative projected quota for the next year is **80%** or less.
- (c) When total daily water demand at CLFP equals or exceeds **27** MGD (**80%** of capacity) for **14** consecutive days.
- (d) At any time when projected demand is greater than or equal to **110%** the expected supply.

Requirements for termination: Stage 1 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist.

Response Requirements

Goal: Achieve a voluntary **10** percent reduction in total water use or daily water demand as required.

Supply Management Measures: The District shall:

- (a) Limit operational flushing of fire hydrants and dead end water lines except to maintain system water quality.
- (b) Evaluate NCWCD carryover options.
- (c) Repair all leaks promptly and investigate all reports of leaks promptly.

Demand Management Measures: The District shall send notification (by post card, letter, or newsletter) to all tapholders of the water shortage stage by May 15 or as needed.

Voluntary Water Use Restrictions:

- (a) Tapholders are requested to voluntarily limit the irrigation of landscaped areas to Sundays and Thursdays for tapholders with an even number street address, and Saturdays and Wednesdays for tapholders with an odd number street address, and to irrigate landscapes only between the hours of 12:00 midnight and 10:00 a.m. and 8:00 p.m. to 12:00 midnight on designated watering days.
- (b) Tapholders are requested to practice water conservation and to minimize or discontinue water use for non-essential purposes.

Stage 2 Triggers -- MODERATE Water Shortage Conditions

Requirements for initiation

Tapholders shall be required to comply with the requirements and restrictions on certain non-essential water uses for Stage 2 of this Plan when one or more of the following events occur:

- (a) NCWCD declares a fixed quota less than **70%**.
- (b) NCWCD declares a variable quota of **70%** or less ***and*** the most conservative projected quota for the next year is **70%** or less.
- (c) When total daily water demand at CLFP equals or exceeds **27** MGD (**80%** of capacity) for **21** consecutive days.
- (d) At any time when projected demand is greater than or equal to **120%** the expected supply.

Requirements for termination: Stage 2 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist. Upon termination of Stage 2, Stage 1 becomes operative.

Response Requirements

Goal: Achieve a minimum **20** percent reduction in total water use or daily water demand as required and increase raw water supply with supply management measures.

Supply Management Measures: The District shall:

- (a) Carryover the maximum number of available CBT shares.
- (b) No operational flushing of fire hydrants and dead end water lines except to maintain public health.
- (c) Repair all leaks immediately and investigate all reports of leaks immediately.
- (d) Evaluate budget impacts of water shortage and implement any necessary water rate increase to offset budget impacts of the water

- shortage conditions.
- (e) Evaluate and implement as determined by the Manager:
 - i. Renting additional CBT throughout the year.
 - ii. Exchanges of native water for CBT throughout the year.
 - iii. Operational benefits and costs of utilizing tie-ins to surrounding water systems.
 - (f) Utilize existing employees to monitor tapholder non-compliance with water restrictions.

Demand Management Measures:

- (a) The District shall provide monthly updates to all tapholders of water shortage stages.
- (b) The District shall provide additional public notices by press releases to local newspapers.
- (c) Tapholder penalty for non-compliance:
 - i. First offense is a written warning.
 - ii. Second offense is a \$25 fine.
 - iii. Third offense is a \$50 fine.
 - iv. Fourth offense results in a flow restrictor in the meter pit or termination of water service at the discretion of the District Manager or the Manger's designee.

Mandatory Water Use Restrictions: Under threat of penalty for violation, the following water use restrictions shall apply to all persons:

- (a) Irrigation of landscaped areas with hose-end sprinklers or automatic irrigation systems shall be limited to Sundays and Thursdays for tapholders with an even number street address, and Saturdays and Wednesdays for tapholders with an odd number street address. Irrigation of landscaped areas is further limited to the hours of 12:00 midnight until 10:00 a.m. and between 8:00 p.m. and 12:00 midnight on designated watering days. However, irrigation of landscaped areas is permitted at anytime if it is by means of a hand-held hose, a faucet filled bucket or watering can of five gallons or less, or drip irrigation system.
- (b) Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is prohibited except on designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8:00 p.m. and 12:00 midnight. Such washing, when allowed, shall be done with a hand-held bucket or a hand-held hose equipped with a positive shutoff nozzle for quick rises. Vehicle washing may be done at any time on the immediate premises of a commercial car wash or commercial service station. Further, such washing may be exempted from these regulations if the health, safety, and welfare of the public is contingent upon frequent vehicle cleansing, such as garbage trucks and vehicles used to transport food and perishables.
- (c) Use of water to fill, refill, or add to any indoor or outdoor swimming pools, wading pools, ornamental fountains and ponds, or jacuzzi-type

pools is prohibited except on designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8 p.m. and 12:00 midnight.

- (d) Use of water from hydrants shall be limited to fire fighting, related activities, or other activities necessary to maintain public health, safety, and welfare.
- (e) Use of water from designated fire hydrants for construction purposes may be allowed under special permit from the District and large amounts of construction water may require a raw water transfer.
- (f) Use of water for the irrigation of golf course greens, tees, and fairways is prohibited except on designated watering days between the hours 12:00 midnight and 10:00 a.m. and between 8 p.m. and 12:00 midnight. However, if the golf course utilizes a water source other than that provided by the District, the facility shall not be subject to these regulations.
- (g) The following uses of water are defined as non-essential and are prohibited:
 - i. Wash down of any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;
 - ii. Use of water to wash down buildings or structures for purposes other than immediate fire protection;
 - iii. Flushing gutters or permitting water to run or accumulate in any gutter or street; and
 - iv. Failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s).

Stage 3 Response -- SEVERE Water Shortage Conditions

Requirements for initiation

Tapholders shall be required to comply with the requirements and restrictions on certain non-essential water uses for Stage 3 of this Plan when one or more of the following events occur:

- (a) NCWCD declares a fixed quota less than **60%**.
- (b) NCWCD declares a variable quota of **60%** or less ***and*** the most conservative projected quota for the next year is **70%** or less.
- (c) When total daily water demand at CLFP equals or exceeds **27** MGD (**80%** of capacity) for **30** consecutive days.
- (d) At any time when projected demand is greater than or equal to **130%** the expected supply.

Requirements for termination: Stage 3 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist. Upon termination of Stage 3, Stage 2 becomes operative.

Response Requirements:

Goal: Achieve a minimum of **20** percent reduction in total water use or daily water demand as required and increase raw water supply a minimum of **10%** with supply management measures.

Supply Management Measures: All requirements of Stage 2 shall remain in effect during Stage 3 except the District shall:

- (a) Rent additional CBT as required.
- (b) Sell only water taps with CBT transferred.
- (c) Have two (2) or more full-time “water police” monitoring tapholder non-compliance with water restrictions.

Demand Management Measures: All requirements of Stage 2 shall remain in effect during Stage 3 except:

- (a) The District shall lower system pressures.
- (b) The District shall implement new rate structure during critical summer months based on a percentage of winter use.
- (c) Tapholders shall be discouraged from installing new lawns (sod or seeded) during the months of June, July and August by not allowing variances for new lawns.
- (d) The District shall provide tapholder notice by door hanging all tapholders and providing press releases to local newspapers and radio stations.
- (e) Tapholder penalty for non-compliance:
 - i. First offense is a written warning.
 - ii. Second offense is a \$50 fine.
 - iii. Third offense is a \$100 fine.
 - iv. Fourth offense results in a flow restrictor in the meter pit or termination of water service at the discretion of the District Manager or the Manger’s designee.
- (f) The District shall post notices in public buildings:
 - i. Front doors of all commercial buildings where allowed.
 - ii. All public restrooms.
 - iii. Schools and other public buildings – public notice boards: flyers sent home with kids.

Mandatory Water Use Restrictions: All requirements of Stage 2 shall remain in effect during Stage 3 except:

- (a) Irrigation of landscaped areas shall be limited to designated watering days between the hours of 12:00 midnight until 10:00 a.m. and between 8:00 p.m. and 12:00 midnight by means of a hand-held hoses, hand-held buckets, drip irrigation, or hose-end sprinklers only. The use of permanently installed automatic sprinkler systems is prohibited at all times.

- (b) The watering of golf course tees is prohibited, unless the golf course utilizes a water source other than that provided by the District.
- (c) The use of water for construction purposes from designated fire hydrants under special permit is to be discontinued unless raw water is provided.
- (d) All restaurants are prohibited from serving water to patrons except upon request of the patron (public awareness).

Stage 4 Response -- CRITICAL Water Shortage Conditions

Requirements for initiation

Tapholders shall be required to comply with the requirements and restrictions on certain non-essential water uses for Stage 4 of this Plan when one or more of the following events occur:

- (a) NCWCD declares a fixed quota less than **50%**.
- (b) NCWCD declares a variable quota of **50%** or less **and** the most conservative projected quota for the next year is **60%** or less.
- (c) When total daily water demand at CLFP equals or exceeds **32** MGD (**90%** of capacity) for **21** consecutive days.
- (d) At any time when projected demand is greater than or equal to **140%** the expected supply.

Requirements for termination: Stage 4 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist. Upon termination of Stage 4, Stage 3 becomes operative.

Response Requirements:

Goal: Achieve a minimum of **30** percent reduction in total water use or daily water demand as required and increase raw water supply a minimum of **10%** with supply management measures.

Supply Management Measures: All requirements of Stage 3 shall remain in effect during Stage 4 except the District shall:

- (a) Sell only water taps with CBT transferred in time to be available during the water year.
- (b) Accept CBT transferred water to increase quota for individual tapholders.
- (c) Perform water audits on all taps ¾-inch and larger and the top **20%** of ¾-inch tapholders.
- (d) Have four (4) or more full-time “water police” monitoring tapholder non-compliance with water restrictions.

Demand Management Measures: All requirements of Stage 3 shall remain in effect during Stage 4 except:

- (a) The District shall read meters and bill monthly year round.
- (b) The District shall implement new rate structure based on a percentage of winter use.
- (c) Tapholder penalty for non-compliance:
 - i. First offense is a written warning.
 - ii. Second offense is a \$100 fine.
 - iii. Third offense is a \$250 fine.
 - iv. Fourth offense results in a flow restrictor in the meter pit or termination of water service at the discretion of the District Manager or the Manger's designee.
- (d) The District shall provide additional public notices by press releases to local television stations.
- (e) The District shall post notices in public buildings:
 - i. All motel and hotel rooms
 - ii. At every table in restaurants.

Mandatory Water Use Restrictions: All requirements of Stage 2 and 3 shall remain in effect during Stage 4 except:

- (a) Irrigation of landscaped areas shall be limited to designated watering days between the hours of 6:00 a.m. and 10:00 a.m. and between 8:00 p.m. and 12:00 midnight by means of a hand-held hoses, hand-held buckets, or drip irrigation only. The use of hose-end sprinklers or permanently installed automatic sprinkler systems is prohibited at all times.
- (b) Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle not occurring on the premises of a commercial car wash and commercial service stations and not in the immediate interest of public health, safety, and welfare is prohibited. Further, such vehicle washing at commercial car washes and commercial service stations shall occur only between the hours of 6:00 a.m. and 10:00 a.m. and between 6:00 p.m. and 10:00 p.m.
- (c) The filling, refilling, or adding of water to any indoor or outdoor swimming pools, wading pools, or jacuzzi-type pools is prohibited.
- (d) Operation of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life or where such fountains or ponds are equipped with a re-circulation system.

Stage 5 Response -- EMERGENCY Water Shortage Conditions

Requirements for initiation

Tapholders shall be required to comply with the requirements and restrictions for Stage 5 of this Plan when the District Manager or Manager's designee determines that a water supply emergency exists based on one or more of the following events occur:

- (a) NCWCD fixed and variable quota combined are less than a **50%** quota

and the most conservation projected quota for the next year is less than **50%**.

(b) At any time when projected demand is greater than or equal to **150%** the expected supply.

(c) Major water line breaks, or pump or system failures occur, which cause unprecedented loss of capacity to provide water service.

(d) Natural or man-made contamination of the water supply or source supply.

Requirements for termination: Stage 5 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist. Upon termination of Stage 5, Stage 4 becomes operative.

Response Requirements:

Goal: Achieve a minimum of **35** percent reduction in total water use or daily water demand as required and increase raw water supply a minimum of **15%** with supply management measures.

Supply Management Measures: All requirements of Stage 4 shall remain in effect during Stage 5 except the District shall:

(a) Sell no water taps while in Stage 5.

(b) Pursue emergency temporary use permit for other waters with NCWCD and the State Engineer.

Demand Management Measures: All requirements of Stage 4 shall remain in effect during Stage 5 except:

(a) The District shall read meters every two weeks and bill monthly.

(b) Implement new water rate structure based on % of winter water use.

(c) Tapholder penalty for non-compliance.

i. First offense is a \$100 fine.

ii. Second offense results in a flow restrictor in the meter pit or termination of water service at the discretion of the District Manager or the Manger's designee.

Mandatory Water Use Restrictions: All requirements of Stage 2, 3, and 4 shall remain in effect during Stage 5 except:

(a) Irrigation of landscaped areas is absolutely prohibited.

(b) Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is absolutely prohibited.

(c) No application for new, additional, expanded, or increased-in-size water service connections, meters, service lines, pipeline extensions, mains, or water service facilities of any kind shall be approved, and time limits for approval of such applications shall be suspended for such time as this water shortage response stage shall be in effect.

Section IX: Notification of the Tapholders and Public:

The District Manager, or the Manager's designee, shall monitor water supply and demand conditions in accordance with the triggering criteria set forth in Section VIII of this Plan, shall determine that a mild, moderate, severe, critical, emergency or water shortage condition exists and shall implement the following notification procedures:

Notification of the Tapholders and Public: The District Manager or the Manager's designee shall notify the tapholders and public by means of:

- ?? Direct mail to each customer (monthly update except for billing months, all stages)
- ?? Bill stuffer (all stages)
- ?? Press releases to local newspapers (start at Stage 2)
- ?? Door hang each tapholder (start at Stage 3)
- ?? Public service announcements - radio (start at Stage 3)
- ?? Signs posted in public places – front doors and other areas (start at Stage 3)
- ?? Take-home fliers at schools (start at Stage 3)
- ?? Public service announcements - television (start at Stage 4)
- ?? Signs posted in public places - all public restrooms, hotel rooms, each table at restaurants (start at Stage 4)

Additional Notification:

The District Manager or the Manager's designee shall notify directly, or cause to be notified directly, the following individuals and entities during **all** changes in Stages of this Plan:

- ?? District Board of Directors
- ?? Carter Lake Filter Plant Manager
- ?? Master Meter Tapholders:
 - (a) Aristocrat Ranchettes
 - (b) City of Dacono
 - (c) Town of Firestone
 - (d) Town of Frederick
 - (e) Town of Gilcrest
 - (f) Town of Kersey
 - (g) Town of LaSalle
 - (h) Town of Milliken
 - (i) Town of Platteville
- ?? Fire Chiefs of all Fire Districts providing fire protection in the District's water service area
- ?? Regional Water Providers with Interconnections to the District
 - (a) Little Thompson Water District

- (b) Left Hand Water District
- ?? School Districts having schools served by the District
- ?? Weld County Emergency Management Coordinators
- ?? Weld County sheriffs and other local law enforcement
- ?? Weld County commissioners
- ?? Other Regional Water Providers & Affected Utilities
- ?? Northern Colorado Water Conservancy District
- ?? City of Greeley
- ?? Left hand Water District
- ?? North Weld County Water District
- ?? St. Vrain Sanitation
- ?? Tri-Area Sanitation
- ?? Select water users (dairies and feedlots)
- ?? State of Colorado – Colorado Water Conservation Board

Section X: Enforcement

The District Manager, or the Manager's designee, may issue warnings, assess fines, insert water restrictors, provide intermittent water supply and/or discontinue water service for tapholders who fail to observe water use restrictions during the stages of a water shortage. At increasing stages of water shortage, compliance with the water use restrictions becomes more critical and it is necessary to have measures in place to force compliance.

Section XI: Variances

The District Manager, or the Manager's designee, may, in writing, grant temporary variance for existing water uses otherwise prohibited under this Plan if it is determined that failure to grant such variance would cause an emergency condition adversely affecting the health, sanitation, or fire protection for the public or the person requesting such variance and if one or more of the following conditions are met:

- ?? Compliance with this Plan cannot be technically accomplished during the duration of the water supply shortage or other condition for which the Plan is in effect.
- ?? Alternative methods can be implemented which will achieve the same level of reduction in water use or increase raw water supply.

Persons requesting an exemption from the provisions of this Plan shall file a petition for variance with the District within five days after the Plan or a particular water shortage response stage has been invoked. All petitions for variances shall be reviewed by the District Manager, or the Manager's designee, and shall include the following:

- ?? Name and address of the petitioner(s).

- ?? Purpose of water use.
- ?? Specific provision(s) of the Plan from which the petitioner is requesting relief.
- ?? Detailed statement as to how the specific provision of the Plan adversely affects the petitioner or what damage or harm will occur to the petitioner or others if petitioner complies with this Plan.
- ?? Description of the relief requested.
- ?? Period of time for which the variance is sought.
- ?? Alternative water use restrictions or other measures the petitioner is taking or proposes to take to meet the intent of this Plan and the compliance date.
- ?? Variances granted shall include a timetable for compliance.
- ?? No variance shall be retroactive or otherwise justify any violation of this Plan occurring prior to the issuance of the variance.
- ?? Other pertinent information.

Variances granted shall expire when the Plan is no longer in effect and when the petitioner has failed to meet the specific requirements. Variances shall be subject to review at any time when the District moves to a higher Stage of this Plan.

Source: The template for Central Weld County Water District's ***Water Shortage Contingency Plan*** was the Texas Natural Resource Conservation Commission's *Drought Contingency Plan Template*.

(<http://www.tnrcc.state.tx.us/permitting/waterperm/wrpa/drought.html>)