

BELLA VISTA WATER DISTRICT

RESOLUTION 15-04

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE BELLA VISTA WATER DISTRICT ADOPTING A MUNICIPAL AND INDUSTRIAL WATER SHORTAGE CONTINGENCY PLAN

WHEREAS, the Bella Vista Water District has contracted with the U.S. Bureau of Reclamation for a water supply from the Sacramento River in the annual amount of 24,578 acre feet; and

WHEREAS, the availability of Municipal and Industrial (M&I) water for the Bella Vista Water District may be affected by numerous factors including regulatory mandates imposed by the State Water Resources Control Board and/or reductions in surface water allocations imposed by the United States Bureau of Reclamation (USBR) under the shortage provisions of the District's Water Service Contract, reductions in surface water diversions under the District's long-term transfer agreement with the Anderson-Cottonwood Irrigation District as a result of reduced allocations under their Settlement Contract with the USBR; and

WHEREAS, water production facilities failures, water distribution infrastructure failures, contamination of supply, or other factors may result in emergency conditions that threaten the District's ability to provide for public health and safety; and

WHEREAS, the District's Water Shortage Contingency Plan currently in force does not adequately address all the factors that may limit the District's ability to respond to diminished source capacity or emergency conditions.

WHEREAS, California is experiencing drought conditions for the fourth straight year;

WHEREAS, the U.S. Bureau of Reclamation has notified the Bella Vista Water District that the District will only be supplied 25 percent of its historical M&I water use, the allocated amount being 1,828 acre feet of water from Federal facilities during the 2015-2016 water-year;

WHEREAS, the District used a total of 8,216 acre-feet of M&I water during the 2013-2014 water-year and would expect to use more during the 2015-2016 water-year due to the projections of hotter and drier weather than normal; and,

WHEREAS, the Board of Directors declared a water shortage emergency on February 27, 2014 and that the water shortage emergency is still in effect; and

WHEREAS, the District's water shortage measures currently in force do not adequately address all the factors that may limit the District's ability to respond to diminished source capacity or emergency conditions; and

WHEREAS, it is the desire of the Board of Directors to set forth its policy for water shortages; and

NOW, THEREFORE, be it resolved by the Board of Directors of the Bella Vista Water District that to manage M&I water shortages the following M&I Water Shortage Contingency Plan, shall be enacted and shall read as follows:

I. PURPOSE AND INTENT

The purpose of this Resolution is to establish a Municipal and Industrial (M&I) Water Shortage Contingency Plan (WSCP) 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.

Water uses regulated or prohibited under the District's Water Shortage Contingency Plan are considered to be non-essential 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 set forth in the WSCP.

II. WATER SHORTAGE CONTINGENCY PLAN

Upon declaration or amendment by the Board of Directors of the specific Stage in effect, the following mandatory water conservation requirements shall be in effect.

The declaration of Short-Term Stage 4 or Stage 5 water conservation requirements may be declared by the District's General Manager or his/her designee and subject to ratification by the District's Board of Directors in a regular or special session. A short-term declaration is for water shortage conditions expected for a duration of 45 days or less.

Exceedance charges may be imposed on all water usage above the allocated amounts for each customer account at Water Conservation Stages 3 and above.

A. STAGE 1 – NORMAL WATER SUPPLY (Water Supplies = 85% to 100% of Normal)

1. Water shall be used for beneficial purposes only; all unnecessary and wasteful uses of water are prohibited.
2. Water shall not be applied to outdoor landscapes in a manner that causes runoff such that water flows onto adjacent property, non-irrigated areas, private and public walkways, roadways, parking lots, or structures. Care shall be taken not to water past the point of saturation.
3. Free-flowing hoses for all uses are prohibited. Automatic shut-off devices shall be attached on any hose or filling apparatus in use.
4. Leaking customer pipes or faulty sprinklers shall be repaired within five (5) working days or less if warranted by the severity of the problem, or shall not be utilized until repaired.
5. All pools, spas, and ornamental fountains/ponds shall be equipped with a recirculation pump and shall be constructed to be leak-proof. Pool draining and refilling shall be allowed only for

health, maintenance, or structural considerations. Swimming pool and spa covers are encouraged to prevent evaporative water loss.

6. Washing streets, parking lots, driveways, or sidewalks, except as necessary for health, aesthetic or sanitary purposes, is prohibited.
7. Reduce water use by the following specified percentages: Residential, Rural, Multi-family and Public/ Institutional customers reduce water use by 5-15%; commercial customers by 5%; and Landscape Irrigation by 10-20%.
8. To reduce evaporation, the use of sprinkler irrigation systems for all M&I customers shall be limited to between one hour before sunset and one hour after sunrise. Sprinkler irrigation systems may be run outside of these hours for testing, but not for more than 5 minutes per cycle and only long enough to verify proper operation and make sprinkler adjustments.
9. Irrigated landscaped areas shall include efficient irrigation systems (e.g., drip irrigation, timed sprinklers, rain sensors, low-flow spray heads, etc.).

B. STAGE 2 – MODERATE WATER SHORTAGE (Water Supplies = 70% to 85% of Normal)

1. Water shall be used for beneficial purposes only; all unnecessary and wasteful uses of water are prohibited.
2. Water shall not be applied to outdoor landscapes in a manner that causes runoff such that water flows onto adjacent property, non-irrigated areas, private and public walkways, roadways, parking lots, or structures. Care shall be taken not to water past the point of saturation.
3. Free-flowing hoses for all uses are prohibited. Automatic shut-off devices shall be attached on any hose or filling apparatus in use.
4. Leaking customer pipes or faulty sprinklers shall be repaired within five (5) working days or less if warranted by the severity of the problem.
5. All pools, spas, and ornamental fountains/ponds shall be equipped with a recirculation pump and shall be constructed to be leak-proof. Pool draining and refilling shall be allowed only for health, maintenance, or structural considerations. Swimming pool and spa covers are encouraged to prevent evaporative water loss.
6. Washing streets, parking lots, driveways, or sidewalks, except as necessary for health, aesthetic or sanitary purposes, is prohibited.
7. Reduce water use by the following specified percentages: Residential and Rural 15-25%; Multi-family and Public/ Institutional customers reduce water use by 10-20%; commercial customers by 5-10%; and Landscape Irrigation by 15-30%.

8. To reduce evaporation, the use of sprinkler irrigation systems for all M&I customers shall be limited to between one hour before sunset and one hour after sunrise. Sprinkler irrigation systems may be run outside of these hours for testing, but not for more than 5 minutes per cycle and only long enough to verify proper operation and make sprinkler adjustments.
9. Customers with “smart” irrigation timers or controllers are asked to set their controllers to achieve 90 to 95% of the evapotranspiration (ET) rate.
10. Irrigated landscaped areas shall include efficient irrigation systems (e.g., drip irrigation, timed sprinklers, rain sensors, low-flow spray heads, etc.).
11. Eating or drinking establishments, including but not limited to: Restaurants, cafes, cafeterias, bars or other public places where food or drink are served and/or purchased, shall serve water only upon request.
12. Users of construction meters and fire hydrant meters will be monitored for efficient water use.

Penalties: Any customer in violation of Stage 2 requirements shall be first notified of the regulations and warned of the penalty associated with continued violation. If the violation is not timely corrected, any continued violation of mandatory Stage 2 requirements after notice and warning is provided shall be punishable by an administrative fine of \$50.00 per day or per occurrence.

C. STAGE 3 – SEVERE WATER SHORTAGE (Water Supplies = 50% to 70% of Normal)

1. Water shall be used for beneficial purposes only; all unnecessary and wasteful uses of water are prohibited.
2. Water shall not be applied to outdoor landscapes in a manner that causes runoff such that water flows onto adjacent property, non-irrigated areas, private and public walkways, roadways, parking lots, or structures. Care shall be taken not to water past the point of saturation.
3. Free-flowing hoses for all uses are prohibited. Automatic shut-off devices shall be attached on any hose or filling apparatus in use.
4. Leaking customer pipes or faulty sprinklers shall be repaired within two (2) working days or less if warranted by the severity of the problem.
5. All pools, spas, and ornamental fountains/ponds shall be equipped with a recirculation pump and shall be constructed to be leak-proof. Pool draining and refilling shall be allowed only for health, maintenance, or structural considerations.
6. Washing streets, parking lots, driveways, or sidewalks, except as necessary for health, aesthetic or sanitary purposes, is prohibited.

7. Reduce water use by the following specified percentages: Residential and Rural 25-40%; Multi-family and Public/ Institutional customers reduce water use by 20-30%; commercial customers by 20%; and Landscape Irrigation by 25-50%.
8. To reduce evaporation, the use of sprinkler irrigation systems for all M&I customers shall be limited to between one hour before sunset and one hour after sunrise. Sprinkler irrigation systems may be run outside of these hours for testing, but not for more than 5 minutes per cycle and only long enough to verify proper operation and make sprinkler adjustments.
9. Customers with “smart” irrigation timers or controllers are asked to set their controllers to achieve 75% of the evapotranspiration (ET) rate. Drip irrigation systems are excluded from this requirement.
10. Irrigated landscaped areas shall include efficient irrigation systems (e.g., drip irrigation, timed sprinklers, rain sensors, low-flow spray heads, etc.).

Outdoor irrigation of ornamental landscapes and turf with potable water shall be limited to 3 days a week. Customers whose street addresses end with an odd number may water on Wednesday, Friday and Sunday. Customers whose street addresses end with an even number may water on Tuesday, Thursday and Saturday.

The application of potable water to outdoor landscapes during or within 48 hours after measurable rainfall is prohibited.

11. Eating or drinking establishments, including but not limited to: Restaurants, cafes, cafeterias, bars or other public places where food or drink are served and/or purchased, shall serve water only upon request.
12. Users of construction meters and fire hydrant meters will be monitored for efficient water use. Flushing of water mains, sewers, or fire hydrants is prohibited except for emergencies and essential operations.
13. Water use exceedance tiered pricing will be implemented.
14. Motor vehicles and equipment shall be washed only with buckers or with hoses equipped with automatic shutoff nozzles.
15. Operators of hotels and motels shall offer patrons the option of not having their towels and linens washed daily.

Penalties: Any customer in violation of Stage 3 requirements shall be first notified of the regulations and warned of the penalty associated with continued violation. If the violation is not timely corrected, any continued violation of mandatory Stage 3 requirements after notice and warning is provided shall be punishable by an administrative fine of \$200.00 per day or per occurrence.

D. STAGE 4 – EXTREME WATER SHORTAGE: SHORT-TERM (Water Supplies = 30% to 50% of Normal)

The declaration of Short-Term Stage 4 water conservation requirements may be declared by the District's General Manager or his/her designee and subject to ratification by the District's Board of Directors in a regular or special session. A short-term declaration is for water shortage conditions expected for a duration of 45 days or less.

1. Water shall be used for beneficial purposes only; all unnecessary and wasteful uses of water are prohibited.
2. Water shall not be applied to outdoor landscapes in a manner that causes runoff such that water flows onto adjacent property, non-irrigated areas, private and public walkways, roadways, parking lots, or structures. Care shall be taken not to water past the point of saturation.
3. Free-flowing hoses for all uses are prohibited. Automatic shut-off devices shall be attached on any hose or filling apparatus in use.
4. Leaking customer pipes or faulty sprinklers shall be repaired within 24 hours or less if warranted by the severity of the problem.
5. All pools, spas, and ornamental fountains/ponds shall be equipped with a recirculation pump and shall be constructed to be leak-proof. No potable water from the District's system shall be used to fill or refill artificial lakes, ponds or streams. Water use for ornamental ponds and fountains is prohibited.
6. The application of potable water to driveways and sidewalks is prohibited.
7. Reduce water use by the following specified percentages: Residential and Rural 40-50%; Multi-family and Public/ Institutional customers reduce water use by 30-50%; commercial customers by 30%; and Landscape Irrigation by 50-100%.
8. To reduce evaporation, the use of sprinkler irrigation systems for all M&I customers shall be limited to between one hour before sunset and one hour after sunrise. Sprinkler irrigation systems may be run outside of these hours for testing, but not for more than 5 minutes per cycle and only long enough to verify proper operation and make sprinkler adjustments.
9. Customers with "smart" irrigation timers or controllers are asked to set their controllers to achieve 75% of the evapotranspiration (ET) rate. Drip irrigation systems are excluded from this requirement.
10. Irrigated landscaped areas shall include efficient irrigation systems (e.g., drip irrigation, timed sprinklers, rain sensors, low-flow spray heads, etc.).

Outdoor irrigation of ornamental landscapes and turf with potable water shall be limited to 1 day a week.

The application of potable water to outdoor landscapes during or within 48 hours after measurable rainfall is prohibited.

11. Eating or drinking establishments, including but not limited to: Restaurants, cafes, cafeterias, bars or other public places where food or drink are served and purchased, shall serve water only upon request.
12. Users of construction meters and fire hydrant meters will be monitored for efficient water use. Flushing of water mains, sewers, or fire hydrants is prohibited except for emergencies and essential operations.
13. Water use exceedance tiered pricing will be implemented.
14. Motor vehicles and equipment shall be washed only with buckers or with hoses equipped with automatic shutoff nozzles.
15. Operators of hotels and motels shall offer patrons the option of not having their towels and linens washed daily.
16. The installation of new turf or landscaping is prohibited.
17. Water use shall be restricted so as to meet the minimum requirements for personal health and safety.
18. No new connections to the District's water distribution system will be allowed.

Penalties: Any customer in violation of Stage 4 requirements shall be first notified of the regulations and warned of the penalty associated with continued violation. If the violation is not timely corrected, any continued violation of mandatory Stage 4 requirements after notice and warning is provided shall be punishable by an administrative fine of \$500.00 per day or per occurrence.

E. STAGE 4 – EXTREME WATER SHORTAGE: LONG-TERM (Water Supplies = 30% to 50% of Normal)

The declaration of Long-Term Stage 4 water conservation requirements will be by the

District's Board of Directors in a regular or special session. A long-term declaration is for water shortage conditions expected for a duration of more than 45 days.

1. Water shall be used for beneficial purposes only; all unnecessary and wasteful uses of water are prohibited.
2. Water shall not be applied to outdoor landscapes in a manner that causes runoff such that water flows onto adjacent property, non-irrigated areas, private and public walkways, roadways, parking lots, or structures. Care shall be taken not to water past the point of saturation.

3. Free-flowing hoses for all uses are prohibited. Automatic shut-off devices shall be attached on any hose or filling apparatus in use.
4. Leaking customer pipes or faulty sprinklers shall be repaired within 24 hours or less if warranted by the severity of the problem.
5. All pools, spas, and ornamental fountains/ponds shall be equipped with a recirculation pump and shall be constructed to be leak-proof. No potable water from the District's system shall be used to fill or refill artificial lakes, ponds or streams. Water use for ornamental ponds and fountains is prohibited.
6. The application of potable water to driveways and sidewalks is prohibited.
7. Reduce water use by the following specified percentages: Residential and Rural 40-50%; Multi-family and Public/ Institutional customers reduce water use by 30-50%; commercial customers by 30%; and Landscape Irrigation by 50-100%.
8. To reduce evaporation, the use of sprinkler irrigation systems for all M&I customers shall be limited to between one hour before sunset and one hour after sunrise. Sprinkler irrigation systems may be run outside of these hours for testing, but not for more than 5 minutes per cycle and only long enough to verify proper operation and make sprinkler adjustments.
9. Customers with "smart" irrigation timers or controllers are asked to set their controllers to achieve 75% of the evapotranspiration (ET) rate. Drip irrigation systems are excluded from this requirement.
10. Irrigated landscaped areas shall include efficient irrigation systems (e.g., drip irrigation, timed sprinklers, rain sensors, low-flow spray heads, etc.).

Outdoor irrigation of ornamental landscapes and turf with potable water shall be limited to 1 day a week.

The application of potable water to outdoor landscapes during or within 48 hours after measurable rainfall is prohibited.

11. Eating or drinking establishments, including but not limited to: Restaurants, cafes, cafeterias, bars or other public places where food or drink are served and purchased, shall serve water only upon request.
12. Users of construction meters and fire hydrant meters will be monitored for efficient water use. Flushing of water mains, sewers, or fire hydrants is prohibited except for emergencies and essential operations.
13. Water use exceedance tiered pricing will be implemented.
14. Motor vehicles and equipment shall be washed only at commercial establishments that use recycled or reclaimed water.

15. Operators of hotels and motels shall offer patrons the option of not having their towels and linens washed daily.
16. The installation of new turf or landscaping is prohibited.
17. Water use shall be restricted so as to meet the minimum requirements for personal health and safety.
18. No new connections to the District's water distribution system will be allowed.

Penalties: Any customer in violation of Stage 4 requirements shall be first notified of the regulations and warned of the penalty associated with continued violation. If the violation is not timely corrected, any continued violation of mandatory Stage 4 requirements after notice and warning is provided shall be punishable by an administrative fine of \$500.00 per day or per occurrence.

F. STAGE 5 – CRITICAL WATER SHORTAGE: SHORT-TERM (Water Supplies =less than 30% of Normal)

The declaration of Short-Term Stage 5 water conservation requirements may be declared by the District's General Manager or his/her designee and subject to ratification by the District's Board of Directors in a regular or special session. A short-term declaration is for water shortage conditions expected for a duration of 45 days or less.

1. Water shall be used for beneficial purposes only; all unnecessary and wasteful uses of water are prohibited.
2. Landscape irrigation is prohibited.
3. Free-flowing hoses for all uses are prohibited. Automatic shut-off devices shall be attached on any hose or filling apparatus in use.
4. Leaking customer pipes or faulty sprinklers shall be repaired immediately. Water service will be suspended until repairs are made.
5. All pools, spas, and ornamental fountains/ponds shall be equipped with a recirculation pump and shall be constructed to be leak-proof. No potable water from the District's system shall be used to fill or refill artificial lakes, ponds or streams. Water use for ornamental ponds and fountains is prohibited.
6. The application of potable water to driveways and sidewalks is prohibited.
7. Reduce water use by the following specified percentages: Residential and Rural 50% or more; Multi-family and Public/ Institutional customers reduce water use by 50% or more; commercial customers by 50% or more; and Landscape Irrigation by 100%.

8. Eating or drinking establishments, including but not limited to: Restaurants, cafes, cafeterias, bars or other public places where food or drink are served and purchased, shall serve water only upon request.
9. Water for flow testing and construction purposes from water agency fire hydrants and blow-offs is prohibited. No potable water from the District's system shall be used for construction purposes including but not limited to dust control, compaction, or trench jetting.
10. Flushing of sewers or fire hydrants is prohibited except in case of emergency and for essential operations.
11. Water use exceedance tiered pricing and excessive water use fines will be implemented.
12. Motor vehicles and equipment shall be washed only at commercial establishments that use recycled or reclaimed water.
13. Operators of hotels and motels shall offer patrons the option of not having their towels and linens washed daily.
14. The installation of new turf or landscaping is prohibited.
15. Water use shall be restricted so as to meet the minimum requirements for personal health and safety.
16. No new connections to the District's water distribution system will be allowed.

Penalties: Any customer in violation of Stage 5 requirements shall be first notified of the regulations and warned of the penalty associated with continued violation. If the violation is not timely corrected, any continued violation of mandatory Stage 5 requirements after notice and warning is provided shall be punishable by an administrative fine of \$500.00 per day or per occurrence.

G. STAGE 5 – CRITICAL WATER SHORTAGE: LONG-TERM (Water Supplies =less than 30% of Normal)

The declaration of Long-Term Stage 5 water conservation requirements will be by the District's Board of Directors in a regular or special session. A long-term declaration is for water shortage conditions expected for a duration of more than 45 days.

1. Water shall be used for beneficial purposes only; all unnecessary and wasteful uses of water are prohibited.
2. Landscape irrigation is prohibited.
3. Free-flowing hoses for all uses are prohibited. Automatic shut-off devices shall be attached on any hose or filling apparatus in use.

4. Leaking customer pipes or faulty sprinklers shall be repaired immediately. Water service will be suspended until repairs are made.
5. All pools, spas, and ornamental fountains/ponds shall be equipped with a recirculation pump and shall be constructed to be leak-proof. No potable water from the District's system shall be used to fill or refill artificial lakes, ponds or streams. Water use for ornamental ponds and fountains is prohibited.
6. The application of potable water to driveways and sidewalks is prohibited.
7. Reduce water use by the following specified percentages: Residential and Rural 50% or more; Multi-family and Public/ Institutional customers reduce water use by 50% or more; commercial customers by 50% or more; and Landscape Irrigation by 100%.
8. Eating or drinking establishments, including but not limited to: Restaurants, cafes, cafeterias, bars or other public places where food or drink are served and purchased, shall serve water only upon request.
9. Water for flow testing and construction purposes from water agency fire hydrants and blow-offs is prohibited. No potable water from the District's system shall be used for construction purposes including but not limited to dust control, compaction, or trench jetting.
10. Flushing of sewers or fire hydrants is prohibited except in case of emergency and for essential operations.
11. Water Crisis/Emergency tiered pricing and excessive water use fines will be implemented.
12. Motor vehicles and equipment shall be washed only at commercial establishments that use recycled or reclaimed water.
13. Operators of hotels and motels shall offer patrons the option of not having their towels and linens washed daily.
14. The installation of new turf or landscaping is prohibited.
15. Water use shall be restricted so as to meet the minimum requirements for personal health and safety.
16. No new connections to the District's water distribution system will be allowed and no commitments will be made to provide service for new water service connections.

Penalties: Any customer in violation of Stage 5 requirements shall be first notified of the regulations and warned of the penalty associated with continued violation. If the violation is not timely corrected, any continued violation of mandatory Stage 5 requirements after notice and warning is provided shall be punishable by an administrative fine of \$500.00 per day or per occurrence.

Passed and adopted this 23rd day of March 2015 by the following vote:

Ayes: Bambino, Nash, Smith, Waite

Noes: 0

Absent: Steppat

Abstain: 0

Ted Bambino, President of the Board of
Board of Directors of Bella Vista Water District

ATTEST:

David J. Coxey, Secretary of the Board of
Directors of Bella Vista Water District