

Appendix A

DWR Submittal Tables

Table 8-1: Water Shortage Contingency Plan Levels

Table 8-2: Demand Reduction Actions

Table 8-3: Supply Augmentation and Other Actions

**Submittal Table 8-1
Water Shortage Contingency Plan Levels**

| Shortage Level | Percent Shortage Range | Shortage Response Actions <i>(Narrative description)</i> |
|-----------------------|-------------------------------|--|
| 0 | 0% (Normal) | A Level 0 Water Supply Shortage – Condition exists when the City of Brea notifies its water users that no supply reductions are anticipated in this year. The City of Brea proceeds with planned water efficiency best practices to support consumer demand reduction in line with state mandated requirements and local City of Brea goals for water supply reliability. Permanent water waste prohibitions are in place as stipulated in the City of Brea’s Water Shortage Contingency Response Ordinance 1221. |
| 1 | Up to 10% | A Level 1 Water Supply Shortage – Condition exists when the City of Brea notifies its water users that due to drought, supply reductions or the City wants to continue conserve to promote conservation then a consumer demand reduction of up to 10% is necessary to make more efficient use of water and respond to existing water conditions. The City of Brea shall implement the mandatory Level 1 conservation measures identified in this WSCP. The type of event that may prompt the City of Brea to declare a Level 1 Water Supply Shortage may include, among other factors, a finding that its wholesale water provider calls for extraordinary water conservation. |
| 2 | 11% to 20% | A Level 2 Water Supply Shortage – Condition exists when the City of Brea notifies its water users that due to drought, supply reductions or the City wants to continue conserve to promote conservation then a consumer demand reduction of up to 20% is necessary to make more efficient use of water and respond to existing water conditions. The City of Brea shall implement the mandatory Level 2 conservation measures identified in this WSCP. The type of event that may prompt the City of Brea to declare a Level 2 Water Supply Shortage may include, among other factors, a finding that its wholesale water provider calls for extraordinary water conservation. |
| 3 | 21% to 30% | A Level 3 Water Supply Shortage – Condition exists when the City of Brea declares a water shortage emergency condition pursuant to California Water Code section 350 and notifies its residents and businesses that up to 30% consumer demand reduction is required to ensure sufficient supplies for human consumption, sanitation and fire protection. The City of Brea must declare a Water Supply Shortage Emergency in the manner and on the grounds provided in California Water Code section 350. |
| 4 | 31% to 40% | A Level 4 Water Supply Shortage - Condition exists when the City of Brea declares a water shortage emergency condition pursuant to California Water Code section 350 and notifies its residents and businesses that up to 40% consumer demand reduction is required to ensure sufficient supplies for human consumption, sanitation and fire protection. The City of Brea must declare a Water Supply Shortage Emergency in the manner and on the grounds provided in California Water Code section 350. |
| 5 | 41% to 50% | A Level 5 Water Supply Shortage - Condition exists when the City of Brea declares a water shortage emergency condition pursuant to California Water Code section 350 and notifies its residents and businesses that up to 50% or more consumer demand reduction is required to ensure sufficient supplies for human consumption, sanitation and fire protection. The City of Brea must declare a Water Supply Shortage Emergency in the manner and on the grounds provided in California Water Code section 350. |
| 6 | >50% | A Level 6 Water Supply Shortage – Condition exists when the City of Brea declares a water shortage emergency condition pursuant to California Water Code section 350 and notifies its residents and businesses that greater than 50% or more consumer demand reduction is required to ensure sufficient supplies for human consumption, sanitation and fire protection. The City of Brea must declare a Water Supply Shortage Emergency in the manner and on the grounds provided in California Water Code section 350. |

NOTES:

Submittal Table 8-2: Demand Reduction Actions

| Shortage Level | Demand Reduction Actions Drop down list <i>These are the only categories that will be accepted by the WUEdata online submittal tool. Select those that apply.</i> | How much is this going to reduce the shortage gap? <i>Include units used (volume type or percentage)</i> | Additional Explanation or Reference <i>(optional)</i> | Penalty, Charge, or Other Enforcement? For Retail Suppliers Only <i>Drop Down List</i> |
|----------------|--|--|--|---|
| 0 | Other water feature or swimming pool restriction | Statewide Prohibition is Required | All decorative water features must re-circulate water or users must secure a waiver from the City of Brea. | Yes |
| 0 | Other | Statewide Prohibition is Required | Washing or hosing down vehicles is prohibited except by use of a hand held container, hose with an automatic shut off device, or at a commercial car wash. | Yes |
| 0 | Other - Prohibit use of potable water for washing hard surfaces | Statewide Prohibition is Required | Washing hard or paved surfaces is prohibited except to alleviate safety or sanitary hazards using a hand held container, hose with an automatic shut off device, or a low-volume high pressure cleaning machine that recycles used water. | Yes |
| 0 | Landscape - Restrict or prohibit runoff from landscape irrigation | Statewide Prohibition is Required | Watering vegetated areas in a manner that causes excessive water flow or runoff onto an adjoining sidewalk, driveway, street, alley, gutter, or ditch is prohibited. | Yes |
| 0 | Landscape - Other landscape restriction or prohibition | Statewide Prohibition is Required | Irrigating ornamental turf on public street medians is prohibited. | Yes |
| 0 | Landscape - Other landscape restriction or prohibition | Statewide Prohibition is Required | No landscape watering shall occur within 48 hours after measurable precipitation. | Yes |
| 0 | Landscape - Limit landscape irrigation to specific times | On-going Long Term-Conservation Savings Measure. Not applicable to Water Shortage Contingency Plan quantifiable savings. | Watering or irrigation with a device that is not continuously attended to is limited to ten (10) minutes per day per valve. Low flow drip type systems, water efficient stream rotor systems, and sensor/weather controlled systems are exempt. | Yes |
| 0 | Landscape - Other landscape restriction or prohibition | On-going Long Term-Conservation Savings Measure. Not applicable to Water Shortage Contingency Plan quantifiable savings. | Any new planting should be performed with drought tolerant plants, as listed in Metropolitan's list of California friendly plants and the City of Brea's established Drought Tolerant Plant List. | Yes |
| 0 | Other - Customers must repair leaks, breaks, and malfunctions in a timely manner | On-going Long Term-Conservation Savings Measure. Not applicable to Water Shortage Contingency Plan quantifiable savings. | Fix leaks or faulty sprinklers within 3 days. | Yes |
| 0 | CII - Restaurants may only serve water upon request | On-going Long Term-Conservation Savings Measure. Not applicable to Water Shortage Contingency Plan quantifiable savings. | CII - Restaurants may only serve water upon request | Yes |
| 0 | CII - Lodging establishment must offer opt out of linen service | On-going Long Term-Conservation Savings Measure. Not applicable to Water Shortage Contingency Plan quantifiable savings. | CII - Lodging establishment must offer opt out of linen service | Yes |
| 0 | CII - Other CII restriction or prohibition | On-going Long Term-Conservation Savings Measure. Not applicable to Water Shortage Contingency Plan quantifiable savings. | No single pass cooling systems may be installed in new or remodeled buildings. | Yes |
| 0 | Other - Prohibit vehicle washing except at facilities using recycled or recirculating water | On-going Long Term-Conservation Savings Measure. Not applicable to Water Shortage Contingency Plan quantifiable savings. | All new commercial car wash and laundry facilities must re-circulate the wash water or obtain a waiver from the City of Brea. | Yes |
| 0 | CII - Commercial kitchens required to use pre-rinse spray valves | On-going Long Term-Conservation Savings Measure. Not applicable to Water Shortage Contingency Plan quantifiable savings. | Food preparation establishments must use water efficient kitchen spray valves. | Yes |
| 0 | Landscape - Limit landscape irrigation to specific times | On-going Long Term-Conservation Savings Measure. Not applicable to Water Shortage Contingency Plan quantifiable savings. | Watering or irrigation of vegetated areas is prohibited between 10 am and 4 pm except by use of a hand held device, hose equipped with an automatic shutoff device, or for adjusting or repairing an irrigation system for short periods of time. | Yes |
| 0 | Other - Require automatic shut of hoses | On-going Long Term-Conservation Savings Measure. Not applicable to Water Shortage Contingency Plan quantifiable savings. | Use a shutoff nozzle on hoses. | Yes |
| 0 | Offer Water Use Surveys | On-going Long Term-Conservation Savings Measure. Not applicable to Water Shortage Contingency Plan quantifiable savings. | Offer Water Use Surveys | Yes |
| 0 | Other | On-going Long Term-Conservation Savings Measure. Not applicable to Water Shortage Contingency Plan quantifiable savings. | Unauthorized use of hydrants is prohibited. Authorization for use must be obtained from water supplier. | Yes |
| 1 | Expand Public Information Campaign | 0-1% | Community Outreach and Messaging (Expand Public Information Campaign) | Yes |
| 1 | Expand Public Information Campaign | 0-1% | Encourage customers to wash only full loads when washing dishes or clothes. | Yes |
| 1 | Expand Public Information Campaign | 0-1% | Encourage customers to use pool covers to minimize evaporation. | Yes |
| 1 | Other - Customers must repair leaks, breaks, and malfunctions in a timely manner | 0-1% | Fix leaks or faulty sprinklers within 3 days. | Yes |
| 1 | Landscape - Other landscape restriction or prohibition | 0-5% | New and existing residential automated irrigation systems must be equipped with rain sensors that shut off the system when it rains, or smart controllers or evapotranspiration sensors that use weather-based data to set efficient watering schedules. | Yes |

Submittal Table 8-2: Demand Reduction Actions

| Shortage Level | Demand Reduction Actions Drop down list <i>These are the only categories that will be accepted by the WUEdata online submittal tool. Select those that apply.</i> | How much is this going to reduce the shortage gap? <i>Include units used (volume type or percentage)</i> | Additional Explanation or Reference <i>(optional)</i> | Penalty, Charge, or Other Enforcement? For Retail Suppliers Only <i>Drop Down List</i> |
|----------------|--|---|---|---|
| 1 | Landscape - Limit landscape irrigation to specific days | 5-10% | Irrigation shall be limited to 4 days per week and the watering days shall be Monday, Wednesday, Friday & Sunday from May to September and 2 days per week and the watering days shall be Monday & Friday from October to April for turf watering when using potable water. Plant containers, trees, shrubs and vegetable gardens may be watered additional days using only drip irrigation or hand watering. | Yes |
| 1 | Landscape - Limit landscape irrigation to specific times | 0-5% | Watering or irrigation of vegetated areas is prohibited between 10 am and 4 pm except by use of a hand held device, hose equipped with an automatic shutoff device, or for adjusting or repairing an irrigation system for short periods of time. | Yes |
| 1 | CII - Other CII restriction or prohibition | 0-1% | Commercial, industrial, institutional equipment must be properly maintained and in full working order. | Yes |
| 1 | Other | 5-10% | Other Prohibited Uses: The City of Brea may implement other prohibited water uses as determined by the City of Brea, after notice to customers. | Yes |
| 1 | Reduce System Water Loss | 0-5% | Real Loss Reduction - Pressure Management and More Aggressive Leak Detection and Repair | Yes |
| 1 | Increase Water Waste Patrols | 0-1% | Increase Water Waste Patrols | Yes |
| 2 | Provide Rebates for Landscape Irrigation Efficiency | 0-1% | Expanded/Enhanced Rebate Programs | Yes |
| 2 | Provide Rebates on Plumbing Fixtures and Devices | 0-1% | Provide Rebates on Plumbing Fixtures and Devices | Yes |
| 2 | Other - Customers must repair leaks, breaks, and malfunctions in a timely manner | 0-1% | Fix leaks or faulty sprinklers within 2 days. | Yes |
| 2 | Improve Customer Billing | 0-3% | AMI Customer Leak Reports with Detection and Repair Assistance | Yes |
| 2 | Landscape - Limit landscape irrigation to specific days | 5-10% | Irrigation shall be limited to 3 days per week and the watering days shall be Wednesday, Friday & Sunday from May to September and 1 day per week and the watering day shall be Wednesday from October to April for turf watering when using potable water. Plant containers, trees, shrubs and vegetable gardens may be watered additional days using only drip irrigation or hand watering. | Yes |
| 2 | Improve Customer Billing | 0-1% | Improve customer billing reports to include more details on water use | Yes |
| 2 | Other | 5-10% | Other Prohibited Uses: The City of Brea may implement other prohibited water uses as determined by the City of Brea, after notice to customers. | Yes |
| 3 | Pools and Spas - Require covers for pools and spas | 0-1% | Pools and Spas - Require covers for pools and spas | Yes |
| 3 | Pools - Allow filling of swimming pools only when an appropriate cover is in place. | 0-1% | Pools - Allow filling of swimming pools only when an appropriate cover is in place. | Yes |
| 3 | Water Features - Restrict water use for decorative water features, such as fountains | 0-1% | Filling or refilling ornamental lakes and ponds is prohibited. Ornamental lakes and ponds that sustain aquatic life of significant value and were actively managed prior to the storage declaration are exempt. | Yes |
| 3 | Other - Customers must repair leaks, breaks, and malfunctions in a timely manner | 0-1% | Fix leaks or faulty sprinklers within 2 days. | Yes |
| 3 | Implement or Modify Drought Rate Structure or Surcharge | 0-5% | Drought Rates and Surcharges | Yes |
| 3 | Other water feature or swimming pool restriction | 0-1% | Decorative water features that use potable water must be drained and kept dry. | Yes |
| 3 | Other - Prohibit vehicle washing except at facilities using recycled or recirculating water | 0-1% | Car washing is only permitted using a commercial carwash that recirculates water or by high pressure/low volume wash systems. | Yes |
| 3 | Other - Prohibit use of potable water for construction and dust control | 0-1% | Require a construction water use plan be submitted to the water supplier that addresses how impacts to existing water users will be mitigated (such as dust control). | Yes |

Submittal Table 8-2: Demand Reduction Actions

| Shortage Level | Demand Reduction Actions Drop down list <i>These are the only categories that will be accepted by the WUEdata online submittal tool. Select those that apply.</i> | How much is this going to reduce the shortage gap? <i>Include units used (volume type or percentage)</i> | Additional Explanation or Reference <i>(optional)</i> | Penalty, Charge, or Other Enforcement? For Retail Suppliers Only <i>Drop Down List</i> |
|----------------|--|---|---|---|
| 3 | Landscape - Other landscape restriction or prohibition | 0-1% | With the exception of landscapes watered with non-potable water, limit the installation of new landscaping to drought tolerant trees, shrubs and groundcover. Prohibit installation of new turf or hydroseed. Customers may apply for a waiver to irrigate during an establishment period for the installation of new turf or hydroseed. | Yes |
| 3 | Landscape - Limit landscape irrigation to specific days | 10-25% | Irrigation shall be limited to 2 days per week and the watering days shall be Wednesday & Friday from May to September and 1 day per week and the watering day shall be Wednesday from October to April for turf watering when using potable water. Plant containers, trees, shrubs and vegetable gardens may be watered additional days using only drip irrigation or hand watering. | Yes |
| 3 | Landscape - Prohibit certain types of landscape irrigation | 0-1% | Plant containers, trees, shrubs and vegetable gardens shall be watered only by drip irrigation or hand watering. | Yes |
| 4 | Other - Customers must repair leaks, breaks, and malfunctions in a timely manner | 0-1% | Fix leaks or faulty sprinklers within 1 day. | Yes |
| 4 | Other water feature or swimming pool restriction | 0-1% | Existing pools shall not be emptied and refilled using potable water unless required for public health and safety purposes. | Yes |
| 4 | Other water feature or swimming pool restriction | 0-1% | No new permits for pools will be issued. | Yes |
| 4 | Landscape - Other landscape restriction or prohibition | 0-1% | No new landscape installations or renovations will be permitted. | Yes |
| 4 | Landscape - Prohibit all landscape irrigation | 0-1% | Previous waivers for watering during an establishment period will be revoked. Irrigation shall be limited to 1 day per week year round and the watering day is Wednesday for turf watering when using potable water. Plant containers, trees, shrubs and vegetable gardens may be watered additional days using only drip irrigation or hand watering. | Yes |
| 4 | Landscape - Limit landscape irrigation to specific days | 5-20% | Existing pools shall not be emptied and refilled using potable water unless required for public health and safety purposes. | Yes |
| 4 | Other | 5-10% | Other Prohibited Uses: The City of Brea may implement other prohibited water uses as determined by the City of Brea, after notice to customers. | Yes |
| 4 | Other | 5-10% | The City of Brea may reduce water allocations in all categories to meet the available water supply. | Yes |
| 5 | Other - Customers must repair leaks, breaks, and malfunctions in a timely manner | 0-1% | Fix leaks or faulty sprinklers within 1 day. | Yes |
| 5 | Other | 0-1% | Water for agricultural or commercial nursery purposes, except for livestock watering, is prohibited. | Yes |
| 5 | Landscape - Prohibit certain types of landscape irrigation | 0-1% | Watering of all golf course areas is prohibited | Yes |
| 5 | Landscape - Prohibit certain types of landscape irrigation | 0-1% | Watering of parks, school grounds, and recreation fields is prohibited, except for rare plant or animal species | Yes |
| 5 | Moratorium or Net Zero Demand Increase on New Connections | 0-2% | Moratorium or Net Zero Demand Increase on New Connections | Yes |
| 5 | Other | 0-50% | Water use for public health and safety purposes only. | Yes |
| 6 | Other | 0-1% | The City of Brea may discontinue service to consumers who willfully violate any water conservation provisions | Yes |
| 6 | Other | 0-1% | Water for air conditioning is prohibited | Yes |
| 6 | Landscape - Prohibit all landscape irrigation | 0-5% | The City of Brea may shut off all non-essential water services. All irrigation is prohibited. | Yes |
| 6 | CII - Other CII restriction or prohibition | 0-15% | Water for commercial, manufacturing, or processing purposes shall be reduced in volume by up to 50% or exceeded if necessary for public health and safety purposes. | Yes |
| 6 | Other | 0-70% | Water use for public health and safety purposes only. Customer rationing may be implemented. | Yes |

NOTES:

Submittal Table 8-3: Supply Augmentation and Other Actions

| Shortage Level | Supply Augmentation Methods and Other Actions by Water Supplier <i>Drop down list</i> <i>These are the only categories that will be accepted by the WUEdata online submittal tool</i> | How much is this going to reduce the shortage gap? <i>Include units used (volume type or percentage)</i> | Additional Explanation or Reference <i>(optional)</i> |
|----------------|---|--|---|
| 1 through 6 | Other Purchases | 0 - 100% | Additional imported water purchases through MWDOC |
| 1 through 6 | Other Purchases | 0 - 100% | Additional imported water purchases through CDWC |
| 4 through 6 | Other Purchases | 0 - 25% | Intertie connections with neighboring cities |

NOTES:

Additional Imported Water Purchases to meet the supply gap may have financial ramifications per the MWDOC Water Supply Allocation Plan.

Appendix B

Water Shortage Contingency Response Ordinance 1221 (Pending)

Appendix C

Notice of Public Hearing (Pending)

Star-Progress

1771 S. Lewis Street
Anaheim, CA 92805
714-796-2209

5190262

BREA, CITY OF- CITY CLERKS
1 CIVIC CENTER CIR FL 1
ACCOUNTS PAYABLE- DONNA
BREA, CA 92821-5795

FILE NO. Ordinance No. 1221

AFFIDAVIT OF PUBLICATION


STATE OF CALIFORNIA, }
County of Orange } **SS.**

I am a citizen of the United States and a resident of the County aforesaid; I am over the age of eighteen years, and not a party to or interested in the above entitled matter. I am the principal clerk of the Star-Progress, a newspaper that has been adjudged to be a newspaper of general circulation by the Superior Court of the County of Orange, State of California, on June 15, 2001, Case No. A-55572 in and for the County of Orange, State of California; that the notice, of which the annexed is a true printed copy, has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to wit:

05/06/2021

I certify (or declare) under the penalty of perjury under the laws of the State of California that the foregoing is true and correct:

Executed at Anaheim, Orange County, California, on
Date: May 06, 2021.



Signature

PROOF OF PUBLICATION

Legal No. **0011458770**

NOTICE OF PROPOSED ADOPTION OF ORDINANCE NO. 1221 OF THE CITY COUNCIL OF THE CITY OF BREA REGARDING WATER SHORTAGE CONTINGENCY RESPONSE AND AMENDING THE BREA CITY CODE

PLEASE TAKE NOTICE that on May 18, 2021, at 7:00 p.m., or as soon thereafter as the matter may be heard, in the Council Chambers, Level One, Brea Civic Cultural Center, One Civic Center Circle, Brea, California, the City Council of the City of Brea will consider adopting its Ordinance No. 1221 entitled "An Ordinance of the City Council of the City of Brea Regarding Water Shortage Contingency Response and Amending the Brea City Code." A summary of this Ordinance follows:

Summary of Ordinance No. 1221

An Ordinance of the City Council of the City of Brea Regarding Water Shortage Contingency Response and Amending the Brea City Code

This Ordinance will amend Chapter 13.20 of the Brea City Code to provide for water use restrictions to be implemented through the City's Water Shortage Contingency Plan during times of declared water shortages or declared water shortage emergencies. The key amendment that will be made by the Ordinance is that it will define six water shortage condition levels that may be declared by City Council resolution to promote the conservation of water and respond to water shortages.

A certified copy of the entirety of the text of Ordinance No. 1221 is available in the office of the City Clerk, Brea Civic and Cultural Center, One Civic Center Circle, Brea, California, and is available for public inspection at that location.

Dated: April 26, 2021 Lillian Harris-Neal, City Clerk
Published Star Progress May 6, 2021 11458770

Appendix D

Adopted WSCP Resolution (Pending)

Arcadis U.S., Inc.
320 Commerce, Suite 200
Irvine
California 92602
Phone: 714 730 9052
www.arcadis.com

Maddaus Water Management, Inc.
Danville, California 94526
Sacramento, California 95816
www.maddauswater.com