

**SAVE WATER. SAVE CALIFORNIA.**

**Water Supply Contingency Plan  
for  
City of Corning**

**794 Third Street, Corning CA, 96021**

**Public Water System CA #5210001**

**Effective: June 28, 2023**

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## **Section I: Declaration of Policy, Purpose, and Intent**

In order to conserve the available water supply and protect the integrity of public water system (PWS) supply facilities, with particular regard for domestic water use, sanitation, and fire protection, 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 City of Corning hereby adopts the following regulations and restrictions on the delivery and consumption of water through this Water Shortage Contingency Plan (Plan).

Water uses regulated or prohibited under this 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 subjecting the offender(s) to penalties as defined in Section XI of the Plan.

## **Section II: Public Involvement**

Opportunity for the public to provide input into the preparation of the Plan was provided by the City of Corning by means of a public hearing at the City of Corning Council meeting on June 127, 2023. Final adoption of the Plan occurred at a properly noticed Board meeting on June 27, 2023.

## **Section III: Public Education**

The City of Corning will regularly provide the public 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 drought response measures to be implemented in each stage, including but not limited to the value of water, sources of water being used, methods and opportunities for conservation. Detailed information on public education is provided in Section X of the Plan.

## **Section IV: Coordination with Regional Water Planning Groups**

The service area of the City of Corning Public Water System is located within the Tehama County Flood Control and Water Conservation District (GSA). The GSA's water planning area assessment documents were considered in the development of the Plan. A copy of the final Plan was shared with the Tehama County Flood Control and Water Conservation District GSA and posted on our website on June 28, 2023.

## **Section V: Authorization**

The Public Works Director, or designee, is hereby authorized and directed to implement the applicable provisions of this Plan upon determination that such implementation is necessary to protect public health, safety, and welfare. The Public Works Director, or designee, shall have the authority to initiate or terminate drought or other water supply emergency response measures as described in this Plan. The contact information for the Public Works Director is: Phone number (530) 824-7029.

## Section VI: Application

The provisions of this Plan shall apply to all persons, customers, and properties utilizing water provided by the City of Corning. The terms “person” and “customer” as used in the Plan may include individuals, corporations, partnerships, associations, and all other legal entities.

## 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.

**Commercial and Institutional water use:** water use which is integral to the operations of commercial and non-profit establishments and governmental entities such as schools, hospitals, clinics, retail establishments, hotels and motels, restaurants, and office buildings.

**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.

**Customer:** any person, company, or organization using water supplied by the City of Corning Public Water System.

**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.

**Industrial water use:** the use of water in processes designed to convert materials of lower value into forms having greater usability and value.

**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, rights-of-way and medians.

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

- (a) irrigation of landscape areas, including parks, athletic fields, and golf courses, except otherwise provided under this Plan;
- (b) use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle;

- (c) use of water to wash down any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;
- (d) use of water to wash down buildings or structures for purposes other than immediate fire protection;
- (e) flushing gutters or permitting water to run or accumulate in any gutter or street;
- (f) use of water to fill, refill, or add to any indoor or outdoor swimming pools or Jacuzzi-type pools;
- (g) use of water in a fountain or pond for aesthetic or scenic purposes except where necessary to support aquatic life;
- (h) failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s); and
- (i) use of water from hydrants for construction purposes or any other purposes other than firefighting or hauling water for a domestic water use.

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

## **Section VIII: Summary of Drought Response Stages and Response Actions**

The Public Works Director, or designee, shall monitor water supply and/or demand conditions on a monthly basis and shall determine when conditions warrant initiation or termination of each stage of the Plan, that is, when the specified “triggers” are reached.

The triggering and termination criteria described in subsequent sections of this document are based on:

- Groundwater well elevations and/or well production capacities relative to system demands;
- Projected drought conditions on Department of Water Resources (DWR) California Water Watch Tool (<https://cww.water.ca.gov>)
- County, State or Federal Drought Emergency Orders
- Emergencies such as fire, earthquake, etc. resulting in potential water outages

The response actions described in subsequent sections of this document are based on the following general precepts:

- Source capacity augmentation is proposed with the City of Corning decreasing water loss through enhanced operational and maintenance changes. In more critical cases, source capacity may be increased by drilling of an additional City well and/or a provision of hauled or bottled water in cases of natural disasters.
- Conservation techniques employed include progressively implementing more strict water use policies, primarily focused on outdoor irrigation and increasingly

restrictive water use in business functions. In natural disaster type scenarios, water supplies are limited based on a per capita per day scenario.

- Notification of the public is performed in a variety of ways to ensure drought messaging is received by the residents. Depending on the severity of the drought stage, this may include messages on the City of Corning website and social media to house-to-house outreach services performed with community service groups. Whenever possible, messages will be provided in English and Spanish.
- The City of Corning will coordinate with a variety of agencies, including the Tehama County Environmental Health, State Water Board's Division of Drinking Water, and Tehama County Flood Control and Water Conservation District GSA. In the event of severe water shortages, the City of Corning will also coordinate with County Public Health to support County registered vulnerable persons, County Offices of Emergency Services (OES), CalWARN, community partners and critical users.

## **Section IX: Drought Response Triggers**

The drought response triggers and terminations discussed below provides details on when varying levels of drought responses, further discussed in Section X, will be implemented and then subsequently terminated. The City of Corning City Council may choose to make modifications to the triggers and terminations depending on real-time scenarios, however these response triggers stand in the absence of other Council decisions.

### **Stage 1 Triggers -- Water Shortage WATCH Conditions**

#### Requirements for initiation

Customers shall be required to comply with the restrictions on certain non-essential water uses provided in Section X of this Plan when groundwater well elevations show an average decrease of 10% in groundwater elevations or available flow capacity, there is a projected lack of normal regional rain patterns, the DWR Water Watch drought map<sup>1</sup> shows moderate drought conditions in our zip code, City of Corning initiates voluntary conservation measures, or the Tehama County Flood Control and Water Conservation District GSA proposes basin-wide voluntary conservation measures.

#### Requirements for termination

Stage 1 of the Plan may be rescinded when all well related conditions listed as triggering events have ceased to exist for a period of 10 consecutive days, or immediately when any other conditions cease to exist.

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<sup>1</sup> <https://cww.water.ca.gov/>

## **Stage 2 Triggers -- Water Shortage WARNING Conditions**

### Requirements for initiation

Customers shall be required to comply with the restrictions on certain non-essential water uses provided in Section X of this Plan when groundwater well elevations show an average decrease of 20% in groundwater elevations or available flow capacity, the City of Corning initiates Stage 2 drought response measures, or the Tehama County Flood Control and Water Conservation District GSA recommends Stage 2 drought response measures, or the DWR Water Watch drought map shows severe drought conditions in our zip code.

### Requirements for termination

Stage 2 of the Plan may be rescinded when all well related conditions listed as triggering events have ceased to exist for a period of 10 consecutive days, or immediately when any other conditions cease to exist. Upon termination of Stage 2, Stage 1 becomes operative unless otherwise specified.

## **Stage 3 Triggers – ACUTE Water Shortage Conditions**

### Requirements for initiation

Customers shall be required to comply with the restrictions on certain non-essential water uses provided in Section X of this Plan when groundwater well elevations show an average decrease of 30% in groundwater elevations or available flow capacity, the City of Corning initiates Stage 3 drought response measures, or the Tehama County Flood Control and Water Conservation District GSA recommends Stage 3 drought response measures, or DWR's California Water Watch drought maps shows extreme drought conditions in our zip code.

### Requirements for termination

Stage 3 of the Plan may be rescinded when all well related conditions listed as triggering events have ceased to exist for a period of 10 consecutive days, or immediately when any other conditions cease to exist. Upon termination of Stage 3, Stage 2 becomes operative unless otherwise specified.

## **Stage 4 Triggers -- CRITICAL Water Shortage Conditions**

### Requirements for initiation

Customers shall be required to comply with the restrictions on certain non-essential water uses provided in Section X of this Plan when groundwater well elevations show an average decrease of 40% in groundwater elevations or available flow capacity, the City of Corning initiates Stage 4 drought response measures, or the Tehama County Flood Control and Water Conservation District GSA recommends Stage 4 drought response measures, or a County, State or

Federal Drought Emergency is declared.

Requirements for termination

Stage 4 of the Plan may be rescinded when all well related conditions listed as triggering events have ceased to exist for a period of 10 consecutive days, or immediately when any other conditions cease to exist. Upon termination of Stage 4, Stage 3 becomes operative unless otherwise specified.

**Stage 5 Triggers -- EMERGENCY Water Shortage Conditions**

Requirements for initiation

Customers shall be required to comply with the restrictions on certain non-essential water uses provided in Section X of this Plan when groundwater well elevations show an average decrease of 50% in groundwater elevations or available flow capacity, the City of Corning initiates Stage 5 drought response measures, or the Tehama County Flood Control and Water Conservation District GSA recommends Stage 5 drought response measures.

Requirements for termination

Stage 5 of the Plan may be rescinded when all well related conditions listed as triggering events have ceased to exist for a period of 10 consecutive days, or immediately when any other conditions cease to exist. Upon termination of Stage 5, Stage 4 becomes operative unless otherwise specified.

**Stage 6 Triggers – CATASTROPHIC Water Shortage Conditions**

Requirements for initiation

Customers shall be required to comply with the restrictions on certain non-essential water uses provided in Section X of this Plan when groundwater well elevations show an average decrease of greater than 50% in groundwater elevations or available flow capacity, the City of Corning initiates Stage 6 drought response measures, or the Tehama County Flood Control and Water Conservation District GSA recommends Stage 6 drought response measures. Triggers may also include earthquakes resulting in significant infrastructure damage, emergency conservation needed for fire protection, or other actual or threatened catastrophic water infrastructure failure as determined by the Public Works Director, or designee.

Requirements for termination

Stage 6 of the Plan may be rescinded when all the conditions listed as triggering events have ceased to exist and coordination with the health and safety authorities have indicated that the water source and distribution system is safe. Upon termination of Stage 6, Stage 5 becomes operative unless otherwise specified.



## **Section X: Drought Response Stages and Actions**

The Public Works Director, or designee, shall monitor water supply and/or demand conditions on a monthly basis and, in accordance with the triggering criteria set forth in Section IX of this Plan, shall determine if a water shortage condition exists and the severity of any such water shortage conditions (e.g., *1-Watch, 2-Warning, 3-Acute, 4-Critical, 5-Emergency, 6-Catastrophic Water Loss*), and shall implement the following notification procedures accordingly:

### **Notification**

#### Description of Customer Notification Methods:

The Public Works Director, or designee, shall notify the public by means of one of the following Methods:

- Method 1: Notice on the City of Corning website and social media outlets
- Method 2: Notice in the Corning Observer newspaper, joint messaging with the Tehama County Flood Control and Water Conservation District GSA
- Method 3: Email to customer listing
- Method 4: Direct Mail to each customer, in bill or flyer format
- Method 5: Personal phone calls to medical facilities, elder care facility and school district
- Method 6: Door to door outreach in low-income, elderly communities, County registered vulnerable residents, residences with high usage, and/or parts of the distribution system impacted by emergency
- Method 7: City Emergency Messaging text alert

Small Town CSD has a 15% Spanish speaking population, therefore Methods 1, 3, 4 and 6 shall be provided in both English and Spanish.

Prepared materials from Department of Water Resources, "Save Our Water Toolkit", may be used as drought communication tools with the City of Corning logo added. The link for these materials is provided below:

<https://saveourwater.com/en/Partner-Toolkit>

Public Safety Contacts:

The Public Works Director, or designee, shall notify directly the following individuals and entities of restrictions and water shortages, as defined in the subsections below, as appropriate for each response stage.

<b>Organization or Department</b>	<b>Name &amp; Position</b>	<b>Telephone</b>	<b>Email</b>
Corning Fire Department	Tom Tomlinson Fire Chief	911 or (530) 824-7044 (non-emergency)	ttomlinson@corning.org
Corning Police Department	Jeremiah Fears Police Chief	911 or (530) 824-7000 (non-emergency)	jfears@corningpd.org
Tehama County Office of Emergency Services	Andy Houghtby, Deputy Director OES	(530) 529-7988	ahoughtby@tehamaso.org
Tehama County Env. Health Agency	Tia Branton, Director REHS	(530) 527-8020	tbranton@co.tehama.ca.us
Tehama County Public Health		(530) 527-8491	
State Water Board District Engineer	James Reade, Associate Engineer	(530) 339-1991	James.ream@waterboards.ca.gov
Critical Water User: Corning Health Center		(530) 872-2000	
Critical Water User: Dignity Health		(530) 390-3877	
Critical Water User: Corning Union Elementary School District	Tiffany Dietz, Superintendent	(530) 824-7700 ext.1256	tdietz@cuesd.net
Critical Water User: Corning Union High School District	Jared Caylor, Superintendent	(530) 824-8000	jcaylor@corninghs.org
Tehama County Flood Control and Water Conservation District GSA	Justin Jenson, Deputy Director of Public Works – water resources	(530) 690-0700 ext. 201	jjenson@tcpw.ca.gov

Support Services Contacts:

The following is a listing of support services that may be appropriate for a water shortage emergency.

<b>Organization or Department</b>	<b>Company &amp; Name</b>	<b>Phone</b>	<b>Email</b>
Water Hauler	All American Emergency Services	(877) 824-1997	
Well Pump Company	Durham Pump	(530) 891-4821	
American Red Cross	Northern California Chapter	(530) 673-1460	

**Drought Responses Actions:**

**Stage 1 Response -- Water Shortage WATCH Conditions**

**Target: Achieve a voluntary 10% percent reduction in total monthly water usage.**

**Best Management Practices for Supply Management:**

- (a) Monthly monitoring of groundwater elevations in City well to ensure that they are operational.
- (b) Decrease flushing from regular flushing routine to only as needed for water quality issues and state requirements.

**Voluntary Water Use Restrictions for Reducing Demand:**

- (a) Water customers are encouraged to voluntarily limit the irrigation of landscaped areas to the hours of 9:00 pm to 8:00 am.
- (b) Water customers are requested to practice water conservation and to minimize or discontinue water use for non-essential purposes such as ornamental fountains, washing down of sidewalks or hard surface areas.
- (c) Water customers are discouraged from emptying and refilling swimming pools, ponds, and spas.
- (d) Water customers are requested to not irrigate during rain or within 48 hours after measurable rainfall.

**Notification Method(s) and Frequency:**

Methods: 1 and 4 (via monthly bills) – Permanent website, monthly outreach

**Stage 2 Response -- Water Shortage WARNING Conditions**

**Target: Achieve a 20% percent reduction in total monthly water usage.**

**Best Management Practices for Supply Management:**

- (a) Increase monitoring of groundwater elevations from monthly to weekly.
- (b) Decrease flushing from regular flushing routine to only as needed for water quality issues and state requirements.

**Mandatory Water Use Restrictions for Reducing Demand:**

All voluntary conservation measures in Stage 1 become mandatory in addition to

the following conservation measures:

- (a) Equip new commercial car washes with water recycling systems.
- (b) All new construction must install low flow shower heads, low flush toilets, and faucet aerators.
- (c) Construction project and industrial use: water service for construction project and industrial use shall be addressed on a case-by-case basis.
- (d) The following uses of water are defined as non-essential and are prohibited:
  - i. washdown of any sidewalks, walkways, unless being performed by the City or emergency response employee addressing a public health issue such as fecal waste removal, etc.;
  - ii. washdown of driveways, parking lots, tennis courts, or other hard-surfaced areas;
  - iii. use of water to wash down buildings or structures for purposes other than immediate fire protection;
  - iv. use of water for dust control;
  - v. flushing gutters or permitting water to run or accumulate in any gutter or street; and
  - vi. failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s).

Notification Method(s):

Methods: 1 and 4 (via monthly bills) – Permanent website, monthly outreach. Develop a complaint response program.

Agencies Contacted:

If less than 30-day time period between 10% and 20% decrease in water capacity or well elevation change, inform County Environmental Health and/or State Water Resources Control Board District Engineer of decreasing production and initiate feasibility evaluation for long-term mitigation strategies.

**Stage 3 Response -- ACUTE Water Shortage Conditions**

**Target: Achieve a 30% percent reduction in total weekly water usage.**

Best Management Practices for Supply Management:

- (a) Continuing the monitoring of groundwater elevations weekly.
- (b) Decrease flushing from regular flushing routine to only as needed for water quality issues and state requirements.
- (c) City of Corning contracted grant writers will seek to evaluate if drought construction funding is available.

Mandatory Water Use Restrictions for Reducing Demand:

All requirements of Stage 2 shall remain in effect during Stage 3 with the following modifications:

- (a) Irrigation of landscaped areas with hose-end sprinklers or automatic irrigation systems shall be limited to Tuesdays and Saturdays for customers with a street address ending in an even number (0, 2, 4, 6 or 8) and Wednesdays and Sundays for water customers with a street address ending in an odd number (1, 3, 5, 7 or 9) between the hours of 9:00 pm and 8:00 am on the designated days. However, irrigation of landscaped areas is permitted at any time if it is by means of a filled bucket or watering can of five (5) gallons or less.
- (b) Operation of ornamental fountains, waterfalls, ponds or lakes is prohibited without a water recycling system. An ornamental or decorative water feature is defined as a design element where artificially supplied open water performs solely an aesthetic function. Ornamental water features do not include recreational water features, such as swimming pools, spas, and water parks.
- (c) All restaurants are prohibited from serving water to patrons except upon request of the patron.
- (d) Hotels/Motels are requested to provide guests the option of not having towels and linens laundered daily.
- (e) Public Facilities: Water service to parks, cemeteries and other public facilities shall comply with the restrictions set forth in this section.

Notification Method(s) and Frequency:

Methods: 1, 2, 3, 4 (via monthly bill and separate conservation flyer), 5. At least monthly outreach.

Agencies Contacted:

Continue to work with GSA and City of Small Town to align potential future actions. Continue to collaborate with County Environmental Health and/or State Water Resources Control Board District Engineer on decreasing well

production or water level elevations. Reach out to Fire Department and Critical Water Users (hospital, etc.) to notify them of the situation so that they can begin planning for alternative water sources as needed. Initiate planning for short-term alternative water scenarios and long-term mitigation strategies, such as well deepening. Coordination will also extend to well drillers and County Environmental Health on permitting requirements. Coordinate with County Public Health to consider needs of vulnerable persons registered with the County in the event drought conditions worsen.

#### **Stage 4 Response -- CRITICAL Water Shortage Conditions**

**Target: Achieve a 40% percent reduction in total daily water usage.**

##### Best Management Practices for Supply Management:

- (a) Increase monitoring of groundwater elevations from weekly to daily.
- (b) Decrease flushing from regular flushing routine to only as needed for water quality issues and state requirements.
- (c) City of Corning contracted grant writers will apply for drought construction funding if available.
- (d) City staff will make every attempt to keep the industrial users informed of the status of a water emergency prior to the declaration of a Stage 4 water emergency so they can prepare for a possible shutdown of production.

##### Mandatory Water Use Restrictions for Reducing Demand:

All requirements of Stage 2 and 3 shall remain in effect during Stage 4 with the following modifications:

- (a) The following potable water uses will be prohibited for all water users:
  - i. Landscape irrigation or watering of lawns or gardens.
  - ii. Washing of cars, boats, trailers, or other vehicles other than commercial facilities with water recycling.
  - iii. Washing down driveways, sidewalks, buildings, windows, or any outdoor surface.
  - iv. Filling of swimming pools, spas or hot tubs.
  - v. Serving of drinking water at restaurants unless requested.
  - vi. Filling or operating ornamental fountains, waterfalls, ponds or lakes.
  - vii. Street cleaning.
  - viii. Use of hydrant meters for construction purposes.

##### Notification Method(s) and Frequency:

Methods: 1, 2, 3, 4 (via monthly bill and separate conservation flyer), 5. At least weekly outreach through 2 or more methods.

Agencies Contacted:

Work with GSA to align potential future actions. Continue to collaborate with County Environmental Health and/or State Water Resources Control Board District Engineer on decreasing well production or water level elevations. Continue to reach out to Fire Department and Critical Water Users (hospital, etc.) of the situation so that they can continue planning for alternative water sources, if necessary. Continue coordinating with County Public Health to consider needs of vulnerable persons registered with the County should drought conditions worsen.

**Stage 5 Response – EMERGENCY Water Shortage Conditions**

**Target: Achieve a 50% percent reduction in total daily water usage.**

Best Management Practices for Supply Management:

- (a) Continue daily groundwater elevation measurements.
- (e) Decrease flushing from regular flushing routine to only as needed for water quality issues and state requirements.

Mandatory Water Use Restrictions for Reducing Demand:

All requirements of Stage 2, 3 and 4 shall remain in effect during Stage 5 except with the following modifications:

- (a) No new residential development shall be permitted unless the developer has submitted a complete building permit application to the City prior to the Stage V declaration. Building permit applications may proceed with a deferral of landscape installation, until the water shortage level has been lifted.
- (b) No new landscape shall be installed. Exceptions are replacing landscaping with drought tolerant landscape material.
- (c) Swamp coolers are only permitted for use when temperatures exceed 85°F.

Notification Method(s) and Frequency:

Methods: 1, 2, 3, 4 (via monthly bill and separate conservation flyer), 5. At least weekly outreach through 3 or more methods. Water Waster Patrols are implemented.

Agencies Contacted:

Weekly coordination and status updates to all agencies.



## **Stage 6 Response -- CATASTROPHIC Water Shortage Conditions**

**Target: Achieve >50% percent reduction in total daily water usage or implement allocation plan requirements depending on situation.**

Best Management Practices for Supply Management:

- (a) Continue daily groundwater elevation measurements.
- (b) Priority for all water use will be for human consumption, sanitation and fire protection.

Mandatory Water Use Restrictions for Reducing Demand:

All water users will be limited to amounts required for human consumption, sanitation, and fire protection. No water will be available for nonessential use or for commercial or industrial processes. Exceptions are livestock and food production.

Notification Method(s) and Frequency:

Methods: 1, 2, 3, 4 (via bill and separate conservation flyer), 5 – Daily communication

Agencies Contacted:

Daily or weekly coordination and status updates to all agencies, depending on the severity of the issue.

## CATASTROPHIC Water Allocation Plan

In the event that water shortage conditions threaten public health, safety, and welfare, the Public Works Director, or designee, is hereby authorized to allocate water according to the following water allocation plan:

### Single-Family Residential Customers

The allocation to residential water customers residing in a single-family dwelling shall be as follows:

Persons per Household	Gallons per Month
1 or 2	1,460 – 2,920
3 or 4	4,380 – 5,840
5 or 6	7,300 – 8,760
7 or greater	Requires written verification of any household usage greater than 9,000 gallons per month. Allowable usage will be calculated using 47 gallons per person per day.

“Household” means the residential premises served by the customer’s meter. The above is based on 47<sup>2</sup> gallons per person per day with all outdoor uses prohibited except by public safety officers (e.g. fire personnel, etc.)

Additional decreases to the table may be required for short-term emergency response to earthquakes, fires, etc. Any short-term decrease (defined as less than 72 hours) will be determined by the Public Works Director along with provision for alternative water supplies for any period of water outage greater than 10 hours. Any conservation decreases to below 47 gallons per person per day, for greater than 72 hours, requires a properly noticed City Council Meeting (regular or special) for public input and Council adoption.

### Master-Metered Multi-Family Residential Customers

The allocation to residential water customers billed from a master meter which jointly measures water to multiple permanent residential dwelling units (e.g., *apartments, mobile homes, etc.*) shall be allocated the same as single-family residential customers.

### Commercial Customers

A monthly water allocation shall be established by the Public Works Director, or designee, for each nonresidential, non-industrial commercial water customer who uses water for processing purposes. The allocation to nonresidential, non-

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<sup>2</sup> Based on Water Code Section 10609.4 for standard indoor residential water use starting in 2025. This attempts to ensure efficient indoor water recognizing the severity of the drought while maintaining standard sanitation practices, if possible.

industrial commercial water customers shall be as follows: 40% of monthly water usage and no irrigation. All restaurants shall only provide water upon request, hotels must only wash linens upon exist of customers, and all commercial customers must post drought conservation messaging.

### **Industrial Customers**

The allocation to industrial water customers shall be as follows: 40% of monthly water usage and no irrigation.

### **CATASTROPHIC Interim Replacement Water Supply for Water Outages**

In the event that water outages occur the following is the plan to provide interim alternative water supply for customers to meet short-term public health needs. Longer-term hauling of water directly to the distribution system would be coordinated with the Office of Emergency Services and CalWARN as soon as possible if the wells continue to be inaccessible.

#### Source of Alternative Water Supply:

The City of Corning will have hauled from an adjacent community water system by a California Department of Public Health certified potable water hauler. Coordination will also be done with the State Water Resource Control Board's Division of Drinking Water and County Environmental Health on any chlorination and special water quality testing or noticing prior to serving hauled water.

#### Distribution of Alternative Water Supply:

The City will provide portable plastic storage tanks and pumps located at locations throughout the City.

The storage tanks will be manned from 6 a.m. until 11 p.m. by City of Corning staff, retired staff, and/or Council members. Residents may come and fill up to 10 gallons of water per person per day<sup>3</sup>. Water will be provided free of charge and may not be sold by the person receiving the water to others, or used for any purposes other than human consumption, cooking or sanitation.

- Rented portable restroom trailers will also be provided at each of the water distribution sites. At least one at each location will be handicap accessible.

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3 The World Health Organization (WHO) information on minimum water needs during humanitarian emergencies states that "15 liters per person per day should be provided as soon as possible, though in the immediate post-impact period, it may be necessary to limit treated water to a minimum of 7.5 liters per day per person."

WHO website: <https://www.who.int/teams/environment-climate-change-and-health/water-sanitation-and-health/environmental-health-in-emergencies/humanitarian-emergencies>

Additionally, residents that have no transportation or are disabled/elderly and/or may have difficulty obtaining or carrying water may sign up to have bottled water delivered to their home. County Public Health will help coordinate outreach to people registered on the County Vulnerable Persons list. Additionally, American Red Cross volunteers will organize and deliver bottled water supplies up to 10 gallons per day, in smaller quantities that can be easily handled. County Public Health staff will provide transportation for elderly/disabled community members who lack it to the hospital for showering and other sanitation purposes.

If water outages occur only in part of the distribution system, a similar but abridged version of the alternative water supply plan will be initiated to focus only on those parts of the distribution that are impacted.

If necessary, boil water orders will be in place until the water quality is stabilized and the distribution system has been determined to be bacteriologically safe. While the boil water orders are in place, bottled water will continue to be provided to residents needing special assistance.

#### Public Notification Regarding Access to Alternative Water Supplies:

Methods: 1, 2, 3, 4 (flyer/door hanger), 5, 6 and 7 will be utilized to inform residents of the location of alternative water and sanitation access and availability of additional services for the elderly/disabled or those without transportation. American Red Cross will also be utilized to provide flyers to homes.

All handout materials will be provided in both English and Spanish.

#### **CATASTROPHIC Notification of Emergency Service Providers**

If adequate water supply will potentially become unavailable for fire response, medical services, public services, etc., then the following emergency providers will be notified as soon as possible to ensure that adequate planning, response and assistance may be provided:

**Local Fire Agency:** Shall be contacted immediately when any water outages are believed to be potentially imminent or is occurring in any part of the distribution system.

**Critical Service Providers (e.g., hospital, school, elder care, etc.):** The medical facilities, elder care facilities and school districts shall be immediately contacted when any water outage is believed to be potentially imminent or is occurring in the distribution system that may in any way impact that user. These users should have backup plans for water provision and hauling that must be implemented immediately.

**State Water Board and/or County Environmental Health:** The State Water Board's Division of Drinking Water and the County Environmental Health shall be contacted when any water outage is believed to be potentially imminent or is occurring in the

distribution system.

County Office of Emergency Services: The County Office of Emergency Services may be contacted when any water outage is believed to be potentially imminent or is occurring in the distribution system as the result of a natural disaster and/or additional County or State support is needed.

## **Section XI: Enforcement**

- (a) No person shall knowingly or intentionally allow the use of water from this water system for residential, commercial, industrial, agricultural, governmental, or any other purpose in a manner contrary to any provision of this Plan, or in an amount in excess of that permitted by the drought response stage in effect at the time pursuant to action taken by Public Works Director, or designee, in accordance with provisions of this Plan.
- (b) Any person, including a person classified as a water customer of the water system, in apparent control of the property where a violation occurs or originates shall be presumed to be the violator, and proof that the violation occurred on the person's property shall constitute a presumption that the person in apparent control of the property committed the violation, but any such person shall have the right to show that he/she did not commit the violation.
- (c) Each day that one or more of the provisions in this Plan is violated shall constitute a separate offense. If a person is in repeated violation of this Plan, the City of Corning shall, after the second warning notice to the customer, be authorized to provide a financial penalty of up to \$50 per day for the third notice (not to exceed \$500), and \$200 per day for the fourth and future notices.

## **Section XII: Variances**

The Public Works Director, or designee, may grant, in writing, a 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:

- (a) 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.
- (b) Alternative methods can be implemented which will achieve the same level of reduction in water use.

Persons requesting an exemption from the provisions of this Ordinance shall file a petition for variance with the water system within 5 days after the Plan or a particular drought response stage has been invoked. All petitions for variances shall be reviewed by the City Council and shall include the following:

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

- (b) Purpose of water use.
- (c) Specific provision(s) of the Plan from which the petitioner is requesting relief.
- (d) 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 Ordinance.
- (e) Description of the relief requested.
- (f) Period of time for which the variance is sought.
- (g) 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.
- (h) Other pertinent information.

A decision on the variance request will be returned to the customer within no more than 14 business days once the City Council has met and made a determination.

While submittal of a variance is required, the following exemptions are pre-approved:

1. Use of a residential swamp cooler on days where the ambient temperature is greater than 80° F for residents that can demonstrate a medical need.
2. Use of water for the operation of a medical support device needed by a resident.

## Appendix A: Water System Information

The City of Corning Water System provides water to approximately 2,000 residential customers, 120 multifamily residential customers, 260 commercial customers, 5 industrial customers and 30 irrigation-only customers. The City of Corning obtains its water from 7 groundwater wells with chlorination treatment.

Annually, the water system utilizes approximately 796 million gallons. The maximum monthly usage typically occurs in July with a production of 96 million gallons, with peak day demand occurring mid-July. The average maximum day demand is 3 million gallons.

Well Name	Average Production (gpm)	Average April Elevation, feet bgs	Average October Elevation, feet bgs
Well 01	--	--	--
Well 02	369	141.5	153.3
Well 03	--	102	98
Well 08	586	96.5	112
Well 09	480	136.1	156.9
Well 10	680	93	107.4
Well 19	380	96	103

(bgs = below ground surface)