



FINAL



City of Corcoran

MAY 2022

2020 Water Shortage Contingency Plan



CITY OF CORCORAN

2020 WATER SHORTAGE CONTINGENCY PLAN

Final

May 2022

AKEL
ENGINEERING GROUP, INC.



May 23rd, 2022

City of Corcoran
832 Whitley Avenue
Corcoran, CA 93212

Attention: Joe Faulkner, Deputy Public Works Director

Subject: **Water Shortage Contingency Plan**

Dear Joe,

We are pleased to submit the City of Corcoran 2020 Water Shortage Contingency Plan (2020 WSCP) which is intended to address the Urban Water Management Planning Act (UWMPA) of 1983 and amendments thereof.

The City's Water Shortage Contingency Plan (WSCP) was originally included in the 2015 UWMP, which received letters of review and completeness from the Department of Water Resources. As part of amendments to the UWMPA the WSCP is now required to be prepared and adopted separately from the UWMP. The 2020 WSCP builds upon previous water shortage contingency planning efforts completed by the City and reflects updates to the City's water shortage levels and water conservation measures for consistency with state-wide requirements provided by the Department of Water Resources.

We extend our thanks to you and other City staff whose courtesy and cooperation were valuable in reviewing and completing this study.

Sincerely,

AKEL ENGINEERING GROUP, INC.



Tony Akel, P.E.
Principal

Enclosure: 2020 Water Shortage Contingency Plan



Acknowledgements

City Council

Patricia Nolen, Mayor

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Dylan Zable, Corcoran Water Division

City of Corcoran
2020 Water Shortage Contingency Plan

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Section 1 INTRODUCTION

This report documents the City of Corcoran's Water Shortage Contingency Plan (WSCP). This 2020 WSCP document builds upon previous water shortage contingency planning efforts completed by the City and documented in the 2010 and 2015 Urban Water Management Plans (UWMP). This WSCP reflects updates to the City's water shortage levels and water conservation measures for consistency with state-wide requirements provided by the Department of Water Resources. As part of the 2020 UWMP update, the Department of Water Resources requires urban water suppliers to prepare a stand-alone 2020 WSCP, that is separate from the 2020 UWMP, and intended to manage a water shortage. As the City continues to monitor the effectiveness of the WSCP, this document can be updated and adopted separately from the UWMP.

Though it is a stand-alone document, the 2020 WSCP is still considered one of the elements of the 2020 UWMP, as required by the State Law.

Based on Department of Water Resources (DWR) requirements, and consistent with previous planning efforts, this WSCP includes the following sections:

- Water Supply Reliability Analysis
- Annual Water Supply and Demand Assessment
- Shortage Response Actions
- Communication Protocols
- Compliance and Enforcement
- Legal Authorities
- Financial Consequences of WSCP Activation
- Monitoring and Reporting
- Special Water Feature Distinction
- Plan Adoption, Submittal, and Availability

Section 2 WATER SUPPLY RELIABILITY ANALYSIS

Law

10632 (a)(1) *The analysis of water supply reliability conducted pursuant to Section 10635.*

The City currently uses groundwater as the sole source of water supply, with wells extracting water from the Tulare Lake Subbasin of the San Joaquin Valley Groundwater Basin. These groundwater basins are managed by the El Rico Groundwater Sustainability Agency, and the 2020 Tulare Lake Subbasin Groundwater Sustainability Plan lists the rates of natural recharge for these groundwater supply sources. Consistent with previous planning efforts, the City's Water

Supply Reliability Analysis, the available supply drawn from the aquifer in any year is equal to the system-wide water demand for that particular year.

As part of the 2020 UWMP the City has also prepared a Drought Risk Assessment (DRA), which is a proactive planning review that readies the City for worst-case water supply conditions should they occur in the immediate future. The DRA compares the City's projected demands over the next five years to estimated available supplies should a five-year dry period occur. The results of the DRA prepared as part of the 2020 UWMP indicate that the City has sufficient supplies to meet projected demands over the next five years.

Section 3 ANNUAL WATER SUPPLY AND DEMAND ASSESSMENT PROCEDURES

Law

10632 (a)(2)	<p><i>The procedures used in conducting an annual water supply and demand assessment that include, at a minimum, both of the following:</i></p> <p><i>(A) The written decision-making process that an urban water supplier will use each year to determine its water supply reliability.</i></p> <p><i>(B) The key data inputs and assessment methodology used to evaluate the urban water supplier's water supply reliability for the current year and one dry year, including all of the following:</i></p> <p><i>(i) Current year unconstrained demand, considering weather, growth, and other influencing factors, such as policies to manage current supplies to meet demand objectives in future years, as applicable.</i></p> <p><i>(ii) Current year available supply, considering hydrological and regulatory conditions in the current year and one dry year. The annual supply and demand assessment may consider more than one dry year solely at the discretion of the urban water supplier.</i></p> <p><i>(iii) Existing infrastructure capabilities and plausible constraints.</i></p> <p><i>(iv) A defined set of locally applicable evaluation criteria that are consistently relied upon for each annual water supply and demand assessment.</i></p> <p><i>(v) A description and quantification of each source of water supply.</i></p>
10632.1	<p><i>An urban water supplier shall conduct an annual water supply and demand assessment pursuant to subdivision (a) of Section 10632 and, on or before July 1 of each year, submit an annual water shortage assessment report to the department with information for anticipated shortage, triggered shortage response actions, compliance and enforcement actions, and communication actions consistent with the supplier's water shortage contingency plan. An urban water supplier that relies on imported water from the State Water Project or the Bureau of Reclamation shall submit its annual water supply and demand assessment within 14 days of receiving its final allocations, or by July 1 of each year, whichever is later.</i></p>

Updates to the California Water Code now require that urban water suppliers prepare a water supply and demand assessment on an annual basis (Annual Assessment). The findings of this Annual Assessment will be summarized in a report submitted to the DWR by July 1st of each calendar year, with the first report required for submission on July 1st, 2022. The purpose of this annual assessment is to ensure water suppliers are proactively considering the available water

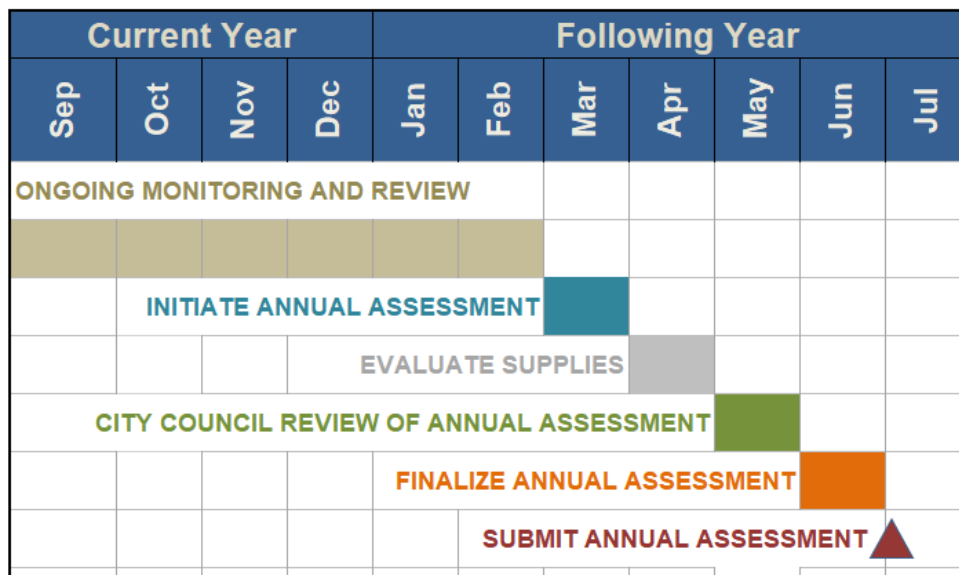
supplies and service area demand requirements, as well as identifying the potential need for implementing the Water Shortage Contingency Plan.

It should be noted that DWR is in the process of preparing a stand-alone guidance document that will outline general procedures to aid urban water suppliers in preparing the Annual Assessment. The decision-making process and Annual Assessment completion steps are preliminary at this point in time and will be further refined as the guidance document by DWR is completed.

3.1 Decision Making Process

This section describes the decision-making process to prepare and approve the Annual Assessment each year. It should be noted that the Annual Assessment and decision-making process will rely on the findings of the Tulare Lake Subbasin Annual Report, which will include documentation of available water supply information and any subbasin-wide required water shortage actions to be implemented.

Figure 3-1 Annual Assessment Report Timeline



September to February – Ongoing Monitoring and Review

For the majority of the year, City staff will continue to monitor and report monthly water consumption and production. This information will be used when the Annual Assessment is initiated to prepare a year-to-year comparison of system-wide water demands for the purpose of projecting demands for the following year.

March – Initiate WSCP Annual Assessment

City staff will initiate the Annual Assessment process by gathering the collected demand and production data. Other relevant information includes but is not limited to the following:

- [Land Use/Planning](#): Changes in land use or number of building permits will be used in estimating the next year's demands.
- [Hydrologic Year Review](#): The City's wet year typically ends in April and rainfall information over the past year can be gathered and reviewed.
- [Climate Forecast](#): Any available climate projection information

The purpose of gathering this information will be to compare the various factors that affect water demand throughout the City's service area. This comparison will guide the City's projection for water demand in the upcoming year.

April – Review Available Supply Information

According to the Tulare Lake Groundwater Sustainability Plan, a Groundwater Annual Report will be completed by the month of April. City staff will review this document once available and use it as a basis for estimating the available supply in the upcoming year. If required, City staff will also prepare to initiate any water shortage response actions noted by El Rico Groundwater Sustainability Agency.

May – City Council Review of Annual Assessment

The draft of Annual Assessment will be presented to City Council for their information and discussion. If water shortage actions are recommended by the Annual Assessment, the City Council will be asked to begin the implementation of the recommended actions.

June – Finalize Annual Assessment

The Annual Assessment is finalized based on any feedback received during the City Council review process.

July – Submit Annual Assessment

The Annual Assessment will be submitted to DWR on or before July 1st.

3.2 Data and Methodologies

This section describes the key data and methodologies used in the preparation of the Annual Assessment. This includes historical water supply information, historical and projected water demand, demand and projected water supply demand, which city uses to evaluate their water supply reliability for a normal and a dry subsequent year.

3.2.1 Evaluation Criteria

The primary criteria used in preparing the City's Annual Assessment are the projected water demand and available supply. The supply information will be based on any available subarea-

wide review of available water supplies prepared by the El Rico Groundwater Sustainability Agency, Kings County Water District, or other local groundwater planning agencies. The demand projections will be prepared using a combination of factors, including a comparison to historical demand, land use changes, building permits, and historical rainfall. The City will continue to review its Annual Assessment preparation process, and additional criteria may be added if considered appropriate.

3.2.2 Water Supply

The City currently relies on groundwater as the sole source of supply. There are nine groundwater wells used by the City, each of which is monitored and has production reported on a monthly basis. These monthly production records will be used to characterize the City's current water production requirement and compared to previous years to estimate production requirements for the upcoming year.

The El Rico Groundwater Sustainability Agency manages water supplies for Corcoran, which exists within a portion of the Tulare Lake Subbasin. The water supply analysis prepared by each GSAs within the Tulare Lake Subbasin in preparation of their Annual Report will provide a critical basis for water supply assumptions, regarding available water supply volumes and any pumping restrictions required to be implemented if any.

3.2.3 Current Year Unconstrained Customer Demand

Billed water consumption is reported on a monthly basis and will be used to characterize the current water consumption requirements for the City. The monthly records will be compared to corresponding months of the previous year to identify any significant changes in water use behavior throughout the City's service area. In addition to consumption records, known recent developments or current building permits will enable City staff to estimate changes to water demand in the upcoming year.

3.2.4 Current Year Available Supply

The Annual Assessment estimates the current year available supply for current hydrological conditions as well as a possible subsequent dry year. The supply estimate will be based on the Drought Risk Assessment supply estimation methodology documented in the 2020 UWMP and it will also incorporate information from the Tulare Lake Groundwater Annual Report and the El Rico Groundwater Sustainability Agency.

3.2.5 Infrastructure Considerations

The annual assessment will include a review of any ongoing capital projects that are expected to affect the demands and supply projections. Examples of such capital projects include water loss reductions, distribution expansion to serve the growth, or new groundwater wells.

Section 4 WATER SHORTAGE LEVELS

Law

10632 (a)(1) *Stages of action to be undertaken by the urban water supplier in response to water supply shortages, including up to a 50 percent reduction in water supply and an outline of specific water supply conditions which are applicable to each stage.*

10632 (a)(3)

(A) *Six standard water shortage levels corresponding to progressive ranges of up to 10, 20, 30, 40, and 50 percent shortages and greater than 50 percent shortage. Urban water suppliers shall define these shortage levels based on the suppliers' water supply conditions, including groundwater levels, changes in surface elevation or level of subsidence, or other changes in hydrological or other local conditions indicative of the water supply available for use. Shortage levels shall also apply to catastrophic interruption of water supplies, including but not limited to, a regional power outage, an earthquake, and other potential emergency events.*

(B) *An urban water supplier with an existing water shortage contingency plan that uses different water shortage levels may comply with the requirement in subparagraph (A) by developing and including a cross-reference relating its existing categories to the six standard water shortage*

The City's current water shortage contingency plan includes three water shortage levels. These water shortage stages reflect potential supply reductions due to reductions in average rainfall, groundwater well issues, or extended periods of summer weather. The City's water shortage levels are documented in [Table 4-1](#). The comparison between the City's water shortage levels and the DWR recommended 6-level framework is provided in [Appendix A](#).

Identifying the appropriate shortage level will be in accordance with the procedures outlined in *Section 3 – Annual Water Supply and Demand Assessment Procedures*. With recommendations from City staff, the City Council has the authority to declare the appropriate conservation level considered necessary to manage the system demands and mitigate the water shortage. The City Council can also downgrade, upgrade, or terminate a shortage response level based on City staff recommendations.

The City's groundwater supply is dependent on recharge from surface water sources as well as deep percolation of applied irrigation water. In periods of drought when the natural recharge sources are less than in typical years, the basin is at risk of overdraft. In order to reduce water consumption city-wide, the City's water conservation ordinance will be amended as necessary to respond to severe, prolonged drought.

As part of the City's efforts to conserve water, the City has permanent water use prohibitions in place. Additionally, the City's conservation ordinance describes a multiple-stage water conservation plan. Each water rationing stage includes a water demand reduction percentage, which is to be applied to normal water demands. The plan is dependent on the cause, severity, and anticipated duration of the water shortage, and a combination of voluntary and mandatory water conservation measures, which can be put in place to reduce City-wide water usage. City manager and Council have the authority to implement additional conservation measures as needed.

Table 4-1 Water Shortage Contingency Plan Levels

Stage	Description	Percent Supply Reduction	Water Supply Condition
1	Voluntary Compliance-Water Alert	0%-20%	A Level 1 Water Shortage condition exists when the city notifies its water users that due to drought, the supply reduction targets are up to 20%.
2	Mandatory Compliance-Water Warning	20%-40%	A Level 2 Water Shortage condition exists when the city notifies its water users that due to drought, the supply reduction targets are 20% to 40%.
3	Mandatory Compliance Water-Emergency	>40%	A Level 3 Water Shortage condition exists when the city notifies its water users that due to drought, the supply reduction targets are greater than 40%.

Section 5 SHORTAGE RESPONSE ACTIONS

Law

10632 (a)(4) Shortage response actions that align with the defined shortage levels and include, at a minimum, all of the following:

- (F) Locally appropriate supply augmentation actions.
- (G) Locally appropriate demand reduction actions to adequately respond to shortages.
- (H) Locally appropriate operational changes
- (I) Additional, mandatory prohibitions against specific water use practices that are in addition to state-mandated prohibitions and appropriate to the local conditions.
- (J) For each action, an estimate of the extent to which the gap between supplies and demand will be reduced by implementation of the action.

Pursuant to the CWC 10632 (a) (4), this section documented the detailed shortage response actions which align with the shortage levels into different categories.

5.1 Demand Reduction

There are a number of demand reduction measures an urban water supplier can implement as response actions to corresponded water shortage levels. Some of these may include watering and outdoor water usage prohibitions, water rate structure changes, public educations or water supply service adjustments. Other demand reduction such as infrastructure improvement or replacing, water-efficient assets installation are considered as long-term water demand reductions will not be listed in this water shortage contingency plan.

Consumption reduction actions are methods taken by a water supplier to reduce demand within the service area, whereas prohibitions are specific limitations on water use; the City's consumption reduction actions are summarized in [Table 5-1](#). The permanent water use restrictions enforced year-round are also documented in the table.

5.2 Supply Augmentation

As noted in previous sections, groundwater is the City's sole source of potable water supply, and there are no known opportunities for water supply augmentation through actions such as exchanges, transfers, or purchase programs. Therefore, supply augmentation actions are excluded from the City's Water Shortage Contingency Plan at this time.

5.3 Operation Changes

During a water shortage, changes to water system operations may be considered. These operational changes may include improving water usage consumption and tracking, changes to fire hydrant testing frequencies, alteration in maintenance cycles, and expedited water leak repairs.

5.4 Additional Mandatory Restrictions

Additional mandatory restrictions have been reported in a previous section.

5.5 Emergency Response Plan

In the event of flooding, loss of water supply, or other extreme circumstances, the City of Corcoran relies on the Kings County Emergency Operations Plan (EOP) from the Kings County Department of Public Safety. The most recent of these plans was published in 2015 and is available via the Kings County website. These emergency response plans outline the probable impact of natural disasters and the appropriate actions required to mitigate these impacts.

The primary types of flood events that may occur within Kings County are riverine and urban floods, though dam failure may also result in flash flooding depending on the dam and city locations. Significant flooding occurs in Kings County approximately every five years due primarily to overflowing of the Tulare Lake Basin, which is likely to continue occurring. The City currently resides within a 100-year flood zone, and the City maintains a flood management program based on 2009 Federal Emergency Management Agency (FEMA) flood maps to ensure all new structures built within these area can withstand and mitigate flood hazards. Additionally, the City plans to increase water storage to help mitigate flood events.

Historically, droughts have occurred in California roughly once every ten years, with a 10% chance of occurring each year. However, in recent years, drought has become increasingly common throughout Central California, with some of the driest years on record occurring within the last decade. Potential shifts in temperature and precipitation patterns are likely to bring about (and also escalate) drought conditions in the future. The City currently encourages water

Table 5-1 Demand Reduction Actions

Level	Restrictions and Prohibitions on End Users Category	Additional Explanation or Reference	Penalty, Charge, or Other Enforcement?
1	Landscape - Limit landscape irrigation to specific hours	Prohibit sprinkling, irrigating, or otherwise applying water to any yard, ground, premises or vegetation on any day of the week except between the hours of 10 a.m. and 6 p.m. from April 1 to September 30 and then from 10 a.m. to 2 p.m. from October 1 to March 31. Irrigation is permitted at any time if either a hand held hose with a shut-off nozzle is used, or if a drip irrigation system is used.	Yes
0	Washing – Prohibit use of potable water for vehicles, structures, etc.	Washing vehicles (of any type), building exteriors, sidewalks, driveways, parking areas, courts, and other paved areas is permitted only when using a hand help hose equipped with a shut-off nozzle for quick rinses.	Yes
1	Commercial – Restaurants serving water for customers	All restaurants shall serve water only when requested to by the customer.	Yes
1	Other - Water fountain features	Ornamental fountains, or any structures which use water in a similar manner, are prohibited unless the system uses a water recycling system.	Yes
2	Landscape - Limit landscape irrigation to specific hours	Prohibit sprinkling, irrigating, or otherwise applying water to any yard, ground, premises or vegetation on any day of the week between the hours of 12 a.m. (midnight) and 9 a.m. and 7 p.m. to 12 a.m. (midnight) on designated days.	Yes

Table 5-1 Demand Reduction Actions

Level	Restrictions and Prohibitions on End Users Category	Additional Explanation or Reference	Penalty, Charge, or Other Enforcement?
2	Landscape –Limit runoff water waste	All runoff water from irrigation systems which flows to areas not requiring irrigation will be deemed as water waste, and is prohibited.	Yes
2	Landscape - Limit landscape irrigation to specific days for specific facilities	<ul style="list-style-type: none"> - Churches may only irrigate on Mondays, Wednesdays, and Fridays. - Multi-family complexes may only irrigate on Tuesdays, Thursdays, and Saturdays. 	Yes
2	Landscape - Limit landscape irrigation after rainfall events	Irrigation is prohibited during and up to 48 hours after measurable rainfall.	Yes
2	Landscape - Limit landscape irrigation to specific days	<p>Prohibit sprinkling, irrigating, or otherwise applying water to any yard, ground, premises or vegetation except on the following designated days:</p> <ul style="list-style-type: none"> - Properties ending with even-numbered addresses: Monday, Wednesday, Friday - Properties ending with odd-numbered addresses: Tuesday, Thursday, Saturday <p>Anyone may water on Sundays within the applicable time restrictions.</p>	Yes

Table 5-1 Demand Reduction Actions

Level	Restrictions and Prohibitions on End Users Category	Additional Explanation or Reference	Penalty, Charge, or Other Enforcement?
3	Landscape - Limit landscape irrigation to specific hours	Prohibit sprinkling, irrigating, or otherwise applying water to any yard, ground, premises or vegetation on any day of the week except between the hours of 12 a.m. (midnight) and 7 a.m. and 8 p.m. to 12 a.m. (midnight) on designated days City parks may water between 8 a.m. and 6 p.m. to protect public parks.	Yes
3	Washing – Prohibit use of potable water for vehicles	Washing vehicles (of any type) not within the immediate premises of a car washing or commercial service station and not for the immediate interest of public health or safety is prohibited.	Yes
3	Other - Water fountain features	Ornamental fountains, or any structures which use water in a similar manner, are prohibited.	Yes
3	Other – Fire hydrants and commercial nurseries	The use of water from fire hydrants shall be limited to fire fighting and to maintain public safety. Additionally, commercial nurseries (and similar establishments) shall water only on designated days, using hand-held hoses, drip irrigation, and hand-held buckets.	Yes

Note: A Level of zero indicates the measure is in place at all times.

conservation measures for all users, and plans to bolster its groundwater recharge areas to help mitigate concerns over water supply and groundwater overdraft.

5.6 Seismic Risk Assessment and Mitigation Plan

Law

- | | |
|--|---|
| <p>10632.5 (a)</p> <p>(b)</p> <p>(c)</p> | <p><i>In addition to the requirements of paragraph (3) of subdivision (a) of Section 10632, beginning January 1, 2020, the plan shall include a seismic risk assessment and mitigation plan to assess the vulnerability of each of the various facilities of a water system and mitigate those vulnerabilities.</i></p> <p><i>An urban water supplier shall update the seismic risk assessment and mitigation plan when updating its urban water management plan as required by Section 10621.</i></p> <p><i>An urban water supplier may comply with this section by submitting, pursuant to Section 10644, a copy of the most recent adopted local hazard mitigation plan or multi-hazard mitigation plan under the federal Disaster Mitigation Act of 2000 (Public Law 106-390) if the local hazard mitigation plan or multi-hazard mitigation plan addresses seismic risk.</i></p> |
|--|---|

In addition to the emergency response plan described in section 5.5, the California Water Code now requires urban water suppliers to document a locally appropriate multi-hazard mitigation plan, as developed under the federal Disaster Mitigation Act of 2000, that includes documentation of seismic risk assessment. In December 2012, Kings County published its Local Hazard Mitigation Plan to address these requirements. The City's service area is included in the boundaries reviewed as part of this mitigation plan.

5.7 Shortage Response Action Effectiveness

In addition to documenting demand reduction actions, the 2020 UWMP also estimates the effectiveness of these actions on reducing system-wide demand. The City records water consumption and production on a monthly basis, and this data can be used to estimate the effect of any demand reduction actions implemented.

Section 6 COMMUNICATION PROTOCOLS

Law

- | | |
|---------------------|---|
| <p>10632 (a)(5)</p> | <p><i>Communication protocols and procedures to inform customers, the public, interested parties, and local, regional, and state governments, regarding, at a minimum, and of the following:</i></p> <p><i>(A) Any current or predicted shortages as determined by the annual water supply and demand assessment described pursuant to Section 10632.1.</i></p> <p><i>(B) Any shortage response actions triggered or anticipated to be triggered by the annual water supply and demand assessment described pursuant to Section 10632.1.</i></p> <p><i>(C) Any other relevant communications.</i></p> |
|---------------------|---|

When the City identifies the need for short-term water use reductions as directed by the Water Shortage Contingency Plan or Annual Assessment, clear and effective communication will be critical to achieve the necessary demand reductions. Methods of public notification include newspaper publications, bill inserts, City website announcements, social media posts, and press releases or informational campaigns. These public notification methods would be implemented in the event of a Level 2 Water Shortage and would increase in frequency in the event of a Level 3 Water Shortage.

Section 7 COMPLIANCE AND ENFORCEMENT

Law

10632 (a) (6) For an urban retail water supplier, customer compliance, enforcement, appeal, and exemption procedures for triggered shortage response actions as determined pursuant to Section 10632.2.

In accordance with the Corcoran Municipal Code Section 8-1-7, the City Manager, Finance Director, and Public Works Director, are authorized to make arrests without warrants and issue citations for any violation of the City's water conservation plan. Additionally, all person who violates these provisions may be found guilty of a separate offense for each day in which the provision was violated.

Section 8 LEGAL AUTHORITIES

Law

*10632 (a) (7) (A) A description of the legal authorities that empower the urban water supplier to implement and enforce its shortage response actions specified in paragraph (4) that may include, but are not limited to, statutory authorities, ordinances, resolutions, and contract provisions.
(B) A statement that an urban water supplier shall declare a water shortage emergency in accordance with Chapter 3 (commencing with Section 350) of Division 1. [see below]
(C) A statement that an urban water supplier shall coordinate with any city or county within which it provides water supply services for the possible proclamation of a local emergency, as defined in Section 8558 of the Government Code.*

Water Code Section Division 1, Section 350

Declaration of water shortage emergency condition. The governing body of a distributor of a public water supply, whether publicly or privately owned and including a mutual water company, shall declare a water shortage emergency condition to prevail within the area served by such distributor whenever it finds and determines that the ordinary demands and requirements of water consumers cannot be satisfied without depleting the water supply of the distributor to the extent that there would be insufficient water for human consumption, sanitation, and fire protection.

This City has the legal authority to implement and enforce its water shortage response actions and relative penalties, water charge adjustments, and water service alteration or prohibition. City

Urgency Ordinance 15-06, which amended the water supply shortage regulations for the City in June 2015, documents the demand reduction measures as well as enforcement protocols.

Section 9 FINANCIAL CONSEQUENCES OF WSCP ACTIVATION

Law

10632 (a) (8)	<p><i>A description of the financial consequences of, and responses for, drought conditions, including, but not limited to, all of the following:</i></p> <p>(A) <i>A description of potential revenue reductions and expense increases associated with activated shortage response actions described in paragraph (4).</i></p> <p>(B) <i>A description of mitigation actions needed to address revenue reductions and expense increases associated with activated shortage response actions described in paragraph (4).</i></p> <p>(C) <i>A description of the cost of compliance with Chapter 3.3 (commencing with Section 365) of Division 1. [retail urban suppliers only]</i></p>
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The activation of the Water Shortage Contingency Plan and related Water Shortage Levels have financial consequences for the City. Reduced water consumption will contribute to reduced revenue, while proactive operational practices will contribute to higher operational and maintenance (O&M) costs. Currently, the City maintains some funds as rate stabilization reserves as well as approximately 60 days of operating reserves. In addition, the City Council has the authority to increase water rates to offset reduced revenues. These reserve funds or rate modifications have the ability to mitigate financial consequences of the Water Shortage Contingency Plan. Additionally, potential mitigation actions are documented in [Table 9-1](#). These are preliminary actions and would be evaluated in more detail should a water shortage occur.

Table 9-1 Financial Consequences of WSCP

Stage	Supply Reduction	Financial Consequences	Anticipated Mitigation Actions
0	None	None	Funding provided for supplemental water supply reserve.
1	0%-20%	Potential increase in O&M expenses and mild reduction in revenue.	Reduce O&M costs and identify supplemental funding sources.
2	20%-40%	Moderate increase to O&M expenses and decrease in revenue.	Defer capital expenditures and consider use of reserves.
3	>40%	Significant increases to O&M and decreases in revenue.	Implement long-term O&M budget reductions.

Section 10 MONITORING AND REPORTING

Law

10632 (a) (9) *For an urban retail water supplier, monitoring and reporting requirements and procedures that ensure appropriate data is collected, tracked, and analyzed for purposes of monitoring customer compliance and to meet state reporting requirements.*

Monitoring and reporting as part of the Water Shortage Contingency Plan and Annual Assessment will be based on the metered production and consumption data. Ongoing review of this information, and comparisons to historical data for similar months, will enable the City to monitor the effectiveness of the WSCP measures. Additionally, due to implemented shortage response actions and water shortage levels, the City's Water Department may increase the frequency of reading meters in order to collect, track, and analyze the water use.

Section 11 WSCP REFINEMENT PROCEDURES

Law

10632 (a) (10) *Reevaluation and improvement procedures for systematically monitoring and evaluating the functionality of the water shortage contingency plan in order to ensure shortage risk tolerance is adequate and appropriate water shortage mitigation strategies are implemented as needed*

While the WSCP is a standalone document adopted separately from the 2020 UWMP it should be considered a dynamic planning tool and be subject to ongoing refinement efforts as necessary. Following the declaration of a water shortage and implementation of the WSCP, the monitoring and reporting steps described in a previous section will provide valuable insight into the effectiveness of the WSCP. City staff will evaluate the effectiveness of communication protocols, demand reduction actions, operational changes, or financial consequence mitigation. If this review reveals opportunities for procedural refinements or new WSCP actions, City staff may elect to incorporate these items into an amended version of the WSCP.

Section 12 SPECIAL WATER FEATURE DISTINCTION

Law

10632 (b) *For purposes of developing the water shortage contingency plan pursuant to subdivision (a), an urban water supplier shall analyze and define water features that are artificially supplied with water, including ponds, lakes, waterfalls, and fountains, separately from swimming pools and spas, as defined in subdivision (a) of Section 115921 of the Health and Safety Code.*

The California Water Code requires urban water suppliers to distinguish between water features that are artificially supplied with water as opposed to swimming pools and spas. The City's current demand reduction actions include this distinction, as documented in a previous section.

Section 13 PLAN ADOPTION, SUBMITTAL, AND AVAILABILITY

Law

10632 (c)	<i>The urban water supplier shall make available the water shortage contingency plan prepared pursuant to this article to its customers and any city or county within which it provides water supplies no later than 30 days after adoption of the water shortage contingency plan.</i>
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The WSCP adoption and submittal process, as well as the public availability, are the same as those for the City’s UWMP. However, the WSCP may be periodically amended independently from the City’s UWMP. Should an amendment to the WSCP be implemented, stakeholder and public notification methods consistent with the UWMP will be performed prior to the adoption of the amended plan.

APPENDIX A

Water Shortage Level Comparison

2020 Corcoran WSCP			Corresponding Relationship ("crosswalk")	DWR 6 Standard Water Shortage Levels	
Stage	Percent Supply Reduction	Description		Stage	
1	0-20%	Voluntary Compliance- Water Alert		1	Up to 10%
				2	10 to 20%
2	20%-40%	Mandatory Compliance- Water Warning		3	20 to 30%
				4	30 to 40%
3	>40%	Mandatory Compliance- Water Emergency		5	40 to 50%
				6	Greater than 50%

APPENDIX B

Water Shortage Contingency Plan Public Notice and Meeting Minutes

LEGAL NOTICES

PUBLIC NOTICE
 City of Corcoran
 2020 Urban Water Management Plan and
 2020 Water Shortage Contingency Plan
 Notice of Public Hearing

The City of Corcoran is currently in the process of reviewing, updating and preparing its 2020 Urban Water Management Plan (UWMP) and 2020 Water Shortage Contingency Plan (WSCP) in accordance with the requirements of the California Water Code.

The City of Corcoran is required to update its UWMP every five years. Among other information and analysis, the UWMP will evaluate current and projected water supplies and demands within the City of Corcoran's service area during next 25-year planning and beyond. The 2020 UWMP and 2020 WSCP will also include information regarding water conservation efforts and water shortage contingency planning.

The City of Corcoran is providing this notice pursuant to Water Code Section 10621(b). The City of Corcoran encourages local agencies, the public, and other interested parties to participate in the development of 2020 UWMP and 2020 WSCP.

A copy of the draft 2020 UWMP and 2020 WSCP will be available for public review and comment by Wednesday, March 10th, at the offices of the City Clerk, 832 Whitley Avenue, Corcoran, CA, 93212, and the City's website.

Public Comments may be submitted in writing to :

Joseph Faulkner
 City of Corcoran
 832 Whitley Avenue
 Corcoran, CA, 93212

The Public Commenting period will conclude with a Public Hearing at the City of Corcoran's regular Council Meeting on April 26th, 2022 at 5:30 PM, 1017 Chittenden Avenue, Corcoran CA 93212. After the Public Hearing, the City of Corcoran will be considering the proposed plan for adoption on regular Council Meeting on May 10th, 2022 at 5:30 PM.

Public input and coordination with local agencies are encouraged and will be considered during the process of preparing and completing 2020 UWMP and 2020 WSCP.

Publish: March 31, April 7, 2022.

PUBLIC NOTICE

PUBLIC NOTICE

ORDER TO SHOW CAUSE FOR CHANGE OF NAME
 Case Number: 21C 0183

TO ALL INTERESTED PERSONS:

Petitioner: Felix Valdez
 filed a petition with this court for a decree changing names as follows:

Present name
 a. Felix Valdez
 to
 Proposed name
 a. Felix Valdez

THE COURT ORDERS that all persons interested in this matter appear before this court at the hearing indicated below to show cause, if any, why the petition for change of name should not be granted. Any person objecting to the name changes described above must file a written objection that includes the reasons for the objection at least two court days before the matter is scheduled to be heard and must appear at the hearing to show cause why the petition should not be granted. If no written objection is timely filed, the court may grant the petition without a hearing.

NOTICE OF HEARING

Date: 5/6/2022
 Time: 10:30 am.
 Dept.: 7

The address of the court is:

PUBLIC NOTICE

ORDER TO SHOW CAUSE FOR CHANGE OF NAME
 Case Number: 22C 0073

TO ALL INTERESTED PERSONS:

Petitioner: Ashley Leskämä
 filed a petition with this court for a decree changing names as follows:

Present name
 a. Cole Edwards
 to
 Proposed name
 a. Cole Leskämä

THE COURT ORDERS that all persons interested in this matter appear before this court at the hearing indicated below to show cause, if any, why the petition for change of name should not be granted. Any person objecting to the name changes described above must file a written objection that includes the reasons for the objection at least two court days before the matter is scheduled to be heard and must appear at the hearing to show cause why the petition should not be granted. If no written objection is timely filed, the court may grant the petition without a hearing.

NOTICE OF HEARING

Date: 5/13/2022
 Time: 10:30 am.
 Dept.: 7

The address of the court is:

PUBLIC NOTICE

FICTITIOUS BUSINESS NAME STATEMENT
 File No. 2022-0132

The following person(s) is (are) doing business as:

Barreto Family Pismo Partnership No. 1
 11490 1ST Avenue
 Hanford, CA 93230
 Gilbert M. Barreto, as Co-Trustee of the 1992 Barreto Family Trust
 11490 1ST Avenue
 Hanford, CA 93230
 Gilbert M. Barreto, as Co-Trustee of the Michael J. Barreto Legacy Trust
 11490 1ST Avenue
 Hanford, CA 93230
 Gilbert M. Barreto, as Co-Trustee of the Elaine M. Roebler Legacy Trust
 11490 1ST Avenue
 Hanford, CA 93230

This business is conducted by: A General Partnership.
 The registrant commenced to transact business under the fictitious business name or names listed above on 1/29/2021.

This statement was filed with the County Clerk of Kings County on March 02, 2022.

I hereby certify that the foregoing is a correct copy of the file in my office.

PUBLIC NOTICE

FICTITIOUS BUSINESS NAME STATEMENT
 File No. 2022-0132

The following person(s) is (are) doing business as:

Barreto Family Pismo Partnership No. 2
 11490 1ST Avenue
 Hanford, CA 93230
 Gilbert M. Barreto, as Co-Trustee of the 1992 Barreto Family Trust
 11490 1ST Avenue
 Hanford, CA 93230
 Gilbert M. Barreto, as Co-Trustee of the Michael J. Barreto Legacy Trust
 11490 1ST Avenue
 Hanford, CA 93230
 Gilbert M. Barreto, as Co-Trustee of the Elaine M. Roebler Legacy Trust
 11490 1ST Avenue
 Hanford, CA 93230

This business is conducted by: A General Partnership.
 The registrant commenced to transact business under the fictitious business name or names listed above on 1/29/2021.

This statement was filed with the County Clerk of Kings County on March 02, 2022.

I hereby certify that the foregoing is a correct copy of the file in my office.

PUBLIC NOTICE

FICTITIOUS BUSINESS NAME STATEMENT
 File No. 2022-0109

The following person(s) is (are) doing business as:

Next Door Home Inspections
 17612 Lacey Blvd
 Lemoore, CA 93245
 Elaine Margaret Tompkins
 17612 Lacey Blvd
 Lemoore, CA 93245

This business is conducted by: An Individual.
 The registrant commenced to transact business under the fictitious business name or names listed above on N/A.

This statement was filed with the County Clerk of Kings County on February 17, 2022.

I hereby certify that the foregoing is a correct copy of the file in my office.

PUBLIC NOTICE

FICTITIOUS BUSINESS NAME STATEMENT
 File No. 2022-0115

The following person(s) is (are) doing business as:

Pereida Company
 1495 Lime CT
 Lemoore, CA 93245
 Andres Pereida
 1495 Lime CT
 Lemoore, CA 93245

This business is conducted by: An Individual.
 The registrant commenced to transact business under the fictitious business name or names listed above on 2/22/2022.

This statement was filed with the County Clerk of Kings County on February 22, 2022.

I hereby certify that the foregoing is a correct copy of the file in my office.

Kristine Lee,
 Kings County Clerk

Kristine Lee,
 Kings County Clerk

Notice-this fictitious name statement expires five years from the date it was filed in the office of the county clerk. A new fictitious business name statement must be filed prior to that date.

LEGAL NOTICES

Page 7 Thursday, April 7, 2022 The Corcoran Journal

PUBLIC NOTICE

City of Corcoran 2020 Urban Water Management Plan and 2020 Water Shortage Contingency Plan Notice of Public Hearing

The City of Corcoran is currently in the process of reviewing, updating and preparing its 2020 Urban Water Management Plan (UWMP) and 2020 Water Shortage Contingency Plan (WSCP) in accordance with the requirements of the California Water Code. The City of Corcoran is required to update its UWMP every five years. Among other information and analysis, the UWMP will evaluate current and projected water supplies and demands within the City of Corcoran's service area during next 25-year planning and beyond. The 2020 UWMP and 2020 WSCP will also include information regarding water conservation efforts and water shortage contingency planning.

The City of Corcoran is providing this notice pursuant to Water Code Section 10621(b). The City of Corcoran encourages local agencies, the public and other interested parties to participate in the development of 2020 UWMP and 2020 WSCP.

A copy of the draft 2020 UWMP and 2020 WSCP will be available for public review and comment by Wednesday, March 10th, at the offices of the City Clerk, 832 Whitley Avenue, Corcoran, CA, 93212, and the City's website.

Public Comments may be submitted in writing to:

Joseph Faulkner
City of Corcoran
832 Whitley Avenue
Corcoran, CA, 93212

The Public Commenting period will conclude with a Public Hearing at the City of Corcoran's regular Council Meeting on April 26th, 2022 at 5:30 PM, 1017 Chittenden Avenue, Corcoran CA 93212. After the Public Hearing, the City of Corcoran will be considering the proposed plan for adoption on regular Council Meeting on May 10th, 2022 at 5:30 PM.

Public input and coordination with local agencies are encouraged and will be considered during the process of preparing and completing 2020 UWMP and 2020 WSCP.

Publish: March 31, April 7, 2022.

PUBLIC NOTICE

ORDER TO SHOW CAUSE FOR CHANGE OF NAME
Case Number: 21C 0183

TO ALL INTERESTED PERSONS:

Petitioner: Felix Valdez filed a petition with this court for a decree changing names as follows:

Present name
a. Felix Valdez

Proposed name
a. Felix Valdez

THE COURT ORDERS that all persons interested in this matter appear before this court at the hearing indicated below to show cause, if any, why the petition for change of name should not be granted.

Any person objecting to the name changes described above must file a written objection that includes the reasons for the objection at least two court days before the matter is scheduled to be heard and must appear at the hearing to show cause why the petition should not be granted. If no written objection is timely filed, the court may grant the petition without a hearing.

NOTICE OF HEARING
Date: 5/6/2022
Time: 10:30 a.m.

PUBLIC NOTICE

ORDER TO SHOW CAUSE FOR CHANGE OF NAME
Case Number: 22C 0073

TO ALL INTERESTED PERSONS:

Petitioner: Ashley Leskämä filed a petition with this court for a decree changing names as follows:

Present name
a. Cole Edwards

Proposed name
a. Cole Leskämä

THE COURT ORDERS that all persons interested in this matter appear before this court at the hearing indicated below to show cause, if any, why the petition for change of name should not be granted.

Any person objecting to the name changes described above must file a written objection that includes the reasons for the objection at least two court days before the matter is scheduled to be heard and must appear at the hearing to show cause why the petition should not be granted. If no written objection is timely filed, the court may grant the petition without a hearing.

NOTICE OF HEARING
Date: 5/13/2022

PUBLIC NOTICE

FICTITIOUS BUSINESS NAME STATEMENT
File No. 2022-0132

The following person(s) is (are) doing business as:

Barreto Family Pismo Partnership No. 1
11490 1ST Avenue
Hanford, CA 93230

Gilbert M. Barreto, as Co-Trustee of the 1992 Barreto Family Trust
11490 1ST Avenue
Hanford, CA 93230

Gilbert M. Barreto, as Co-Trustee of the Michael I. Barreto Legacy Trust
11490 1ST Avenue
Hanford, CA 93230

Gilbert M. Barreto, as Co-Trustee of the Alaine M. Roebert Legacy Trust
11490 1ST Avenue
Hanford, CA 93230

This business is conducted by: A General Partnership.

The registrant commenced to transact business under the fictitious business name on 1/29/2021.

This statement was filed with the County Clerk

PUBLIC NOTICE

FICTITIOUS BUSINESS NAME STATEMENT
File No. 2022-0132

The following person(s) is (are) doing business as:

Barreto Family Pismo Partnership No. 2
11490 1ST Avenue
Hanford, CA 93230

Gilbert M. Barreto, as Co-Trustee of the 1992 Barreto Family Trust
11490 1ST Avenue
Hanford, CA 93230

Gilbert M. Barreto, as Co-Trustee of the Michael I. Barreto Legacy Trust
11490 1ST Avenue
Hanford, CA 93230

Gilbert M. Barreto, as Co-Trustee of the Alaine M. Roebert Legacy Trust
11490 1ST Avenue
Hanford, CA 93230

This business is conducted by: A General Partnership.

The registrant commenced to transact business under the fictitious business name on 1/29/2021.

This statement was filed with the County Clerk

PUBLIC NOTICE

FICTITIOUS BUSINESS NAME STATEMENT
File No. 2022-0147

The following person(s) is (are) doing business as:

Fit For Purpose
763 N Valley Forge DR.
Hanford, CA 93230

Kendra Raskawn Bostic
763 N Valley Forge DR.
Hanford, CA 93230

This business is conducted by: An Individual.

The registrant commenced to transact business under the fictitious business name on N/A.

This statement was filed with the County Clerk of Kings County on March 08, 2022.

I hereby certify that foregoing is a correct copy of the file in my office.

Kristine Lee
Kings County Clerk

PUBLIC NOTICE

FICTITIOUS BUSINESS NAME STATEMENT
File No. 2

The following person(s) is (are) doing business as:

M. Bravo Yrnu
971 Fallen Leaf
Lemoore, CA 93245

Mariela Bravo
971 Fallen Leaf
Lemoore, CA 93245

This business is conducted by: An Individual.

The registrant commenced to transact business under the fictitious business name on N/A.

This statement was filed with the County Clerk of Kings County on March 08, 2022.

I hereby certify that foregoing is a correct copy of the file in my office.

Kristine Lee
Kings County Clerk

APPENDIX C

Urban Water Management Plan Adoption Resolution and Notifications

**MINUTES
CORCORAN CITY COUNCIL,
JOINT POWERS FINANCE AUTHORITY,
SUCCESSOR AGENCY FOR CORCORAN RDA,
& HOUSING AUTHORITY REGULAR MEETING**

Tuesday, May 10, 2022

The regular session of the Corcoran City Council was called to order by Mayor Nolen, in the City Council Chambers, 1015 Chittenden Avenue, Corcoran, CA at 5:31 P.M.

ROLL CALL

Councilmembers present: Patricia Nolen, Sidonio Palmerin, and Zamora-Bragg

Councilmembers absent: Jerry Robertson and Greg Ojeda

Staff present: Joseph Faulkner, Greg Gatzka, Jessica Gutierrez, Tina Gomez, Marlene Spain, Reuben Shortnacy and Kevin Tromborg

Press present: None

INVOCATION - Invocation was led by Councilmember Palmerin

FLAG SALUTE – Flag salute was led by Councilmember Zamora-Bragg

Councilmember Robertson arrived at 5:32 P.M.

1. PUBLIC DISCUSSION

Alicia Jacobo with Senator Hurtado’s office addressed the Council regarding some of the projects Hurtado’s office has been working on.

2. CONSENT CALENDAR (VV)

Following Council discussion, a **motion** was made by Robertson and seconded by Palmerin to approve the Consent Calendar. Motion carried by the following vote:

AYES: Nolen, Palmerin, and Roberston

NOES:

ABSENT: Ojeda

ABSTAIN: Zamora-Bragg abstained from the minutes.

2-A. Approval of minutes of the meeting of the City Council on April 26, 2022.

2-B. Authorization to read ordinances and resolutions by title only.

2-C. Approve the Final Acceptance of Work for City of Corcoran Pedestrian and Bicycle Facility Improvement Project and adopt Resolution 3132 Authorizing Final Acceptance and Notice of Completion.

- 2-D. Consider request from the Corcoran Chamber of Commerce to hold the annual SpringFest Saturday, May 14, 2022 in downtown Corcoran, utilizing Whitley Ave., Chittenden Ave and Christmas Tree Park.
- 2-E. Approve the Final Acceptance of Work for City of Corcoran Pedestrian and Bicycle Facility Improvement Project and adopt Resolution 3133 Authorizing Final Acceptance and Notice of Completion.

3. **APPROPRIATIONS (VV)**

Following Council discussion, a **motion** was made by Zamora-Bragg and seconded by Robertson to approve warrant register dated April 26, 2022. Motion carried by the following vote:

AYES: Nolen, Palmerin, Roberston and Zamora-Bragg
NOES:
ABSENT: Ojeda

4. **PRESENTATIONS** – None

5. **PUBLIC HEARINGS**

- 5-A. Continuation of Public Hearing to Receive Public Comment to Update the City of Corcoran’s 2020 Urban Water Management Plan. Public Works Director presented the staff report. There being no written or oral testimony the Public Hearing was declared closed at 6:49 P.M.

Following Council discussion, a **motion** was made by Ojeda and seconded by Robertson to continue adopt the City of Corcoran’s 2020 Urban Water Management Plan and 2020 Water Shortage Contingency Plan. Motion carried by the following vote:

AYES: Nolen, Palmerin, Roberston and Zamora-Bragg
NOES:
ABSENT: Ojeda

6. **WRITTEN COMMUNICATIONS** – None

7. **STAFF REPORTS**

- 7-A. Following Council discussion, a **motion** was made by Robertson and seconded by Palmerin to table 7-A for the next meeting. Motion carried by the following vote:

AYES: Nolen, Palmerin, Roberston and Zamora-Bragg