

# **CITY OF LEMOORE**

## **2025 URBAN WATER MANAGEMENT PLAN**



**JULY 2026**



# 2025 URBAN WATER MANAGEMENT PLAN

## **Prepared for:**

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## ACRONYMS AND ABBREVIATIONS

|            |                                                                                                                               |
|------------|-------------------------------------------------------------------------------------------------------------------------------|
| Act        | Urban Water Management Planning Act of 1983                                                                                   |
| AF         | acre-feet                                                                                                                     |
| City       | City of Lemoore                                                                                                               |
| CWC        | California Water Code                                                                                                         |
| DMMs       | Demand Management Measures                                                                                                    |
| DWR        | Department of Water Resources                                                                                                 |
| GPCD       | Gallons per Capita per Day                                                                                                    |
| GSA        | Groundwater Sustainability Agency                                                                                             |
| Guidebook  | <i>Urban Water Management Plan Guidebook 2025</i>                                                                             |
| GWP Update | <i>Lower Kings Basin Groundwater Management Plan Update</i>                                                                   |
| KCWEC      | Kings County Water Education Committee                                                                                        |
| LRAA       | locational running annual average                                                                                             |
| MCL        | maximum contaminant level                                                                                                     |
| MG         | million gallons                                                                                                               |
| mg/L       | milligrams per liter                                                                                                          |
| mph        | miles per hour                                                                                                                |
| msl        | mean sea level                                                                                                                |
| PWS        | Public Water System                                                                                                           |
| QK         | QK Inc.                                                                                                                       |
| SB         | Senate Bill                                                                                                                   |
| SGMA       | Sustainable Groundwater Management Act                                                                                        |
| SR         | State Route                                                                                                                   |
| SWRCB      | State Water Resources Control Board                                                                                           |
| TDS        | total dissolved solids                                                                                                        |
| TTHM       | total trihalomethane                                                                                                          |
| UWMP       | Urban Water Management Plan                                                                                                   |
| WMA        | Water Management Area                                                                                                         |
| WSCP       | water shortage contingency plan                                                                                               |
| WSIHIST    | DWR's Chronological Reconstructed Sacramento and San Joaquin Valley Water Year Hydrologic Classification Indices 1995 to 2015 |
| WWTP       | wastewater treatment plant                                                                                                    |
| °F         | degrees Fahrenheit                                                                                                            |

## SECTION 1 - INTRODUCTION

### ***1.1 - Overview***

This document presents the 2025 Urban Water Management Plan (UWMP) for the City of Lemoore (City). It was prepared in accordance with the *Urban Water Management Plan Guidebook 2025* and in cooperation with City staff as required by the Urban Water Management Planning Act of 1983 (Act), pursuant to California Water Code Division 6, Part 2.6, Sections 10610 through 10656. The 2025 UWMP Guidebook reflects the new legislation and is intended to increase the usefulness of the UWMP.

This Plan is an update to the 2020 UWMP and carries forward relevant information and historical data as applicable. The City adopted UWMPs in 1998 and 2000. The UWMP was amended in 2004. Updates were completed in 2006 for the 2005 calendar year, in 2013 for the 2010 calendar year, in 2017 for the 2015 calendar year, in 2024/2025/2026 for the 2020 calendar year, and in 2026 with this 2025 UWMP.

This document includes italicized text quoting specific requirements of the Act for reference and where relevant to serve as an aid to the reader. A copy of the Act is included in Appendix A.

### ***1.2 - Lay Description***

The City of Lemoore Public Works Department (PWD) is responsible for providing water service to residents, businesses, industrial, and other users within City limits. The City is pleased to present the 2025 Urban Water Management Plan (UWMP) to the local and State agencies and to the public.

The UWMP is a planning document required by California law for urban water suppliers serving more than 3,000 customers or delivering more than 3,000 acre-feet of water annually. The purpose of the UWMP is to evaluate existing and future water supplies, assess projected water demands, and help ensure reliable water service over a 20-year planning horizon.

The City's potable water supply is obtained entirely from groundwater pumped from municipal wells located within the City and from the North Wellfield located north of the City. These wells draw water from the Tulare Lake Subbasin, which is the City's sole source of drinking water. The City also maintains storage and distribution facilities to deliver water throughout the community.

This UWMP describes the City's water system, water demands, projected growth, conservation programs, drought planning measures, and available water supplies. It also evaluates the reliability of those supplies under normal, single-dry, and multiple-dry year conditions.

Long-term water planning in California is increasingly influenced by the Sustainable Groundwater Management Act (SGMA), which requires groundwater basins to be managed sustainably. The City is an active participant in the South Fork Kings Groundwater Sustainability Agency (GSA), one of five GSAs responsible for implementing groundwater sustainability planning within the Tulare Lake Subbasin.

While groundwater is expected to remain the City's primary water supply source throughout the planning period, future groundwater management requirements may influence how groundwater resources are used and managed. As a result, the City continues to evaluate conservation measures, system improvements, and potential opportunities for water reuse to support long-term water supply reliability.

This 2025 UWMP is available for public review at the City of Lemoore Public Works Department, 711 W. Cinnamon Drive, during normal business hours and may also be available through the City's website.

### ***1.3 - Background and Purpose***

The California Water Code (CWC) Division 6, Part 2.6, Section 10617 defines an "urban water supplier" as a public or private supplier, providing water for municipal purposes either directly or indirectly to more than 3,000 customers or supplying more than 3,000 acre-feet of water annually. If qualified as an urban water supplier, a public or private supplier is required to create or update a UWMP every five years and submit it to the Department of Water Resources (DWR) for review and approval (State of California, 2010). This is the requirement of the Act to ensure local water agencies are adequately planning.

The UWMP is a planning tool created to help generally guide the actions of urban water suppliers in successfully preparing for potential water supply disruptions and issues. It provides a framework for long-term water planning and informs the public of a supplier's plans for long-term resource planning that ensures adequate water supplies for existing and future demands. A UWMP is not a substitute for project-specific planning documents, nor was it intended to be so mandated by the State Legislature (California Department of Water Resources, 2025).

CWC requires that a UWMP must include historic, current, and future supplies and demands for water; address conservation measures, describe potential supply deficiencies during drought conditions and the ability to mitigate these conditions; compare total projected water use and supply sources over 20 years in five-year increments for a single-dry water year and for multiple-dry water years; and include provisions for recycled water use, demand management measures, and a water shortage contingency plan.

To assist urban water suppliers in preparing UWMPs, the DWR developed a *Guidebook for Urban Water Suppliers* (Guidebook). The Guidebook provides a general layout for how UWMPs may be organized, and is updated every five years to ensure it addresses any changes in State legislation and all requirements of the CWC. The 2025 Guidebook reflects new legislation, provides information to the public regarding water suppliers and water

management programs, and provides a framework for minimizing the negative effects of potential water shortages.

The City's water planning efforts reflect ongoing State policies focused on water use efficiency and long-term resource sustainability. The City previously demonstrated compliance with State conservation standards, including SB X7-7 targets as indicated in the 2020 UWMP, and continues to incorporate conservation practices, efficiency standards, and demand management measures into its long-term water planning.

### ***1.4 - Document Organization and Contents***

The content and format of this UWMP were prepared using the guidelines from the Guidebook dated November 2025. It contains the following sections:

**Section 1 – Introduction:** This section provides an overview of the Act and CWC requirements, document organization, and a discussion of the importance and extent of Lemoore's water management planning efforts.

**Section 2 – Plan Preparation:** This section provides information on the UWMP development process, including coordination and outreach efforts.

**Section 3 – System Description:** This section provides a detailed description of the City's current water system.

**Section 4 – System Water Use:** This section describes and quantifies the current and projected water uses within the City's service area.

**Section 5 – SBX7-7 Baselines, 2020 Targets, and 2025 Reporting:** This section describes the methods used for calculating the City's baseline and target water consumption. It will describe whether the City met the 20-percent conservation mandate by 2025.

**Section 6 – System Supplies:** This section describes and quantifies the current and projected sources of water available to the City.

**Section 7 – Water Supply Reliability Assessment:** This section describes the reliability of the City water supply and projects that reliability for 20 years. Such reliability is projected for normal, single-dry, and multiple-dry years.

**Section 8 – Water Shortage Contingency Planning:** This section provides the City's staged plan for dealing with water shortages, including a catastrophic supply interruption.

**Section 9 – Demand Management Measures:** This section describes the City's efforts to promote conservation and to reduce demand on their water supply and specifically addresses several demand management measures.

**Section 10 – Plan Adoption, Submittal, and Implementation:** This section describes the steps to be taken to adopt and submit the 2025 UWMP and to make it publicly available. It also includes a discussion of the City’s plan for implementation of the 2025 UWMP.

## SECTION 2 - PLAN PREPARATION

### ***2.1 - Basis for Preparing a Plan***

#### **2.1.1 - OVERVIEW**

CWC 10617. *“Urban water supplier” means a supplier, either publicly or privately owned, providing water for municipal purposes either directly or indirectly to more than 3,000 customers or supplying more than 3,000 acre-feet of water annually. An urban water supplier includes a supplier or contractor for water, regardless of the basis of right, which distributes or sells for ultimate resale to customers. This part applies only to water supplied from public water systems.*

*CWC 10620(b). Every person who becomes an urban water supplier shall adopt an urban water management plan within one year after it has become an urban water supplier.*

*CWC 10621(a) Each urban water supplier shall update its plan at least once every five years on or before July 1, in years ending in six and one, incorporating updated and new information from the five years preceding each update.*

The City of Lemoore currently supplies approximately 2,299.7 million gallons (MG) of water per year and maintains 7,474 (2025) service connections, which is over the identified 3,000 connection threshold as defined in CWC Section 10617.

This 2025 UWMP has been prepared by QK Inc. (QK), an independent contractor to the City. This UWMP has been prepared in accordance with the Act and the technical guidance documentation prepared and published by the DWR.

#### **2.1.2 - PUBLIC WATER SYSTEMS**

The California Health and Safety Code 116275(h) defines a “Public Water System” (PWS) as a system for the provision of water for human consumption through pipes or other constructed conveyances that have 15 or more service connections or regularly serves at least 25 individuals daily at least 60 days out of the year. PWS are regulated by the State Water Resources Control Board (SWRCB), Division of Drinking Water.

PWS data reported to the SWRCB is used to determine whether a retail supplier has reached the UWMP reporting threshold of 3,000 or more connections or 3,000 acre-feet of water supplied (California Department of Water Resources, 2025).

Table 2-1 describes the City’s PWS information and, as noted above, the City supplies water to over 3,000 connections. The City is not a wholesale water supplier.

**Table 2-1**  
**Retail Only: Public Water Systems**

| Submittal Table 2-1 Retail: Public Water Systems                                                                                                                                                    |                          |                                      |                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------------------|-------------------------------|
| Public Water System Number                                                                                                                                                                          | Public Water System Name | Number of Municipal Connections 2025 | Volume of Water Supplied 2025 |
|                                                                                                                                                                                                     |                          |                                      | (MG)                          |
| Add additional rows as needed                                                                                                                                                                       |                          |                                      |                               |
| CA1610005                                                                                                                                                                                           | City of Lemoore          | 7,474                                | 2,300                         |
| Total                                                                                                                                                                                               |                          | 7,474                                | 2,300                         |
| <b>DWR NOTES:</b><br>Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Submittal Table 2-3. This table identifies the unit of measure selected in Table 2-3. |                          |                                      |                               |
| <b>NOTES:</b> Reference 2025 eAR, Volume Supplied from 2025 Production Report                                                                                                                       |                          |                                      |                               |

## ***2.2 - Regional Planning***

The City is not involved in any regional water planning efforts nor will it be involved in developing a cooperative 2025 UWMP or Regional UWMP or Regional Plan.

## ***2.3 - Individual Planning and Compliance***

This 2025 UWMP is intended to address those aspects of the Act that are under the control of the City, including water supply and water use within City limits. The City is undertaking individual reporting to address all requirements for applicable uses served within the Lemoore City limits (see Table 2-2).

Table 2-2  
Plan Identification

| Submittal Table 2-2: Plan Identification |                                              |                                                                |                                                     |
|------------------------------------------|----------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------|
| Select One or Both                       | Type of Plan                                 |                                                                | Name of Regional Alliance or RUWMP (Drop Down List) |
| <input checked="" type="checkbox"/>      | Individual UWMP                              |                                                                |                                                     |
|                                          | <input type="checkbox"/>                     | Water Supplier is also a member of a SB X7-7 Regional Alliance |                                                     |
| <input type="checkbox"/>                 | Regional Urban Water Management Plan (RUWMP) |                                                                |                                                     |

#### ***2.4 - Calendar Year and Units of Measure***

As shown in Table 2-3, the City reports on a calendar year basis and uses MG as the unit of measure when reporting water volumes. This 2025 UWMP includes water use and planning data for calendar years.

**Table 2-3  
Agency Identification**

| Submittal Table 2-3: Supplier Identification                                                                                       |                                   |
|------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| Type of Supplier (select one or both)                                                                                              |                                   |
| <input type="checkbox"/>                                                                                                           | Supplier is a wholesale supplier  |
| <input checked="" type="checkbox"/>                                                                                                | Supplier is a retail supplier     |
| Fiscal or Calendar Year (select one)                                                                                               |                                   |
| <input checked="" type="checkbox"/>                                                                                                | UWMP Tables are in calendar years |
| <input type="checkbox"/>                                                                                                           | UWMP Tables are in fiscal years   |
| If using fiscal years provide month and date that the fiscal year begins (mm/dd)                                                   |                                   |
|                                                                                                                                    |                                   |
| Units of measure used in UWMP<br>(Select from the drop down list).                                                                 |                                   |
| Unit                                                                                                                               | MG                                |
| <b>DWR NOTES:</b><br>Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Submittal Table 2-3. |                                   |

## **2.5 - Coordination and Outreach**

*CWC 10620(d)(2). Coordinate the preparation of its plan with other appropriate agencies in the area, including other water suppliers that share a common source, water management agencies, and relevant public agencies, to the extent practicable.*

*CWC 10642. Each urban water supplier shall encourage the active involvement of diverse social, cultural, and economic elements of the population within the service area prior to and during the preparation of the plan. Prior to adopting a plan, the urban water supplier shall make the plan available for public inspection and shall hold a public hearing thereon. Prior to the hearing, a notice of the time and place of the hearing shall be published within the jurisdiction of the publicly owned water supplier pursuant to Section 6066 of the Government Code. The urban water supplier shall provide notice of the time and place of hearing to any city or county within which the supplier provides water supplies. A privately owned water supplier shall provide an equivalent notice within its service area. After the hearing, the plan shall be adopted as prepared or modified after the hearing.*

As part of the 2025 UWMP preparation, the City will coordinate its efforts with relevant local agencies to ensure that the data and issues were presented accurately and encouraged public involvement in full compliance with CWC 10642.

### ***2.5.1 - COORDINATION WITHIN THE CITY***

The preparation of this 2025 UWMP was coordinated with all appropriate City staff, including solicitation of input and data from the various departments during its preparation. Draft copies of the 2025 UWMP were made available to Department managers for comment and revision prior to adoption.

The City's Planning Department makes available projections on population growth and land annexations from which demand projections and decisions regarding water management can be made. These projections, in concert with the City's water, sewer, and stormwater master plans and the recently adopted General Plan, form a factual basis for this document.

### ***2.5.2 - COORDINATION WITH OTHER AGENCIES AND THE COMMUNITY***

The City's water supply is produced solely from groundwater wells within the Tulare Lake Subbasin as defined in DWR Bulletin 118 (Update 2025) (Department of Water Resources, 2026). The City furnishes copies of a draft Plan to and requests comments from Kings River Conservation District, Kings County Water District, and Laguna Irrigation District, as entities providing water management in the northwest portion of Kings County. The districts are adjacent to or near the City, and their activities affect the groundwater basin from which the City draws its primary water supply. A copy of the draft Plan is also furnished to, and comments requested from, the Lemoore Canal and Irrigation Company. The City holds a minor share in that company allowing for the discharge of City stormwater into its canals for transport to Natural Resources Conservation Service wetlands and other agriculture areas (City of Lemoore, 2012). Additionally, this ownership gives the City water rights for irrigation of the municipal golf course. The City provides the 60-day local agency notification per the requirement of CWC Section 10621(b).

As previously discussed, the City does not import any of its water supply. All water supply is pumped from the Tulare Lake Subbasin through City-owned groundwater wells. As shown in Table 2-4, the City does not obtain water supply from a wholesale water supplier.

**Table 2-4**  
**Retail: Water Supplier Information Exchange**

|                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Submittal Table 2-4 Retail: Water Supplier Information Exchange</b>                                                                       |
| <b>Water Code Section 10631(h)</b>                                                                                                           |
| The retail Supplier has informed the following wholesale supplier(s) of projected water use in accordance with Water Code Section 10631 (h). |
| Wholesale Water Supplier Name                                                                                                                |
| Add additional rows as needed                                                                                                                |
| Not Applicable                                                                                                                               |

### 2.5.3 - NOTICE TO CITIES AND COUNTIES

*CWC 10621(b). Every urban water supplier required to prepare a plan pursuant to this part shall, at least 60 days before the public hearing on the plan required by Section 10642, notify any city or county within which the supplier provides water supplies that the urban water supplier will be reviewing the plan and considering amendments or changes to the plan. The urban water supplier may consult with, and obtain comments from, any city or county that receives notice pursuant to this subdivision.*

The City's 2025 UWMP will be available for the public and the County of Kings review for at least 60-days prior to the public hearing in accordance with CWC 10621(b). Written comments on the draft 2025 UWMP must be postmarked by September 3, 2026. Submit written comments to:

City of Lemoore  
711 W. Cinnamon Dr.  
Lemoore, CA 93245

Copies of the draft 2025 UWMP will be available for review at the City's main office. See *Section 10 – Plan Adoption, Submittal, and Implementation* for more information on notifications to the public, cities, and counties.

## SECTION 3 - SYSTEM DESCRIPTION

### **3.1 - Service Area**

*10631(a). Describe the service area of the supplier.*

The City is located within the northern portion of Kings County, in the center of the San Joaquin Valley, approximately 200 miles north of Los Angeles and 210 miles south of San Francisco. The City is situated at the junction of State Highway (SR) 198 and SR-41 (Figure 3-1). The City is surrounded by agricultural development, with smaller parcels north and east of the community and large holdings west and south. A major economic factor in the community's economy is Lemoore Naval Air Station located west of the City. The City of Lemoore's water system serves the incorporated area of the City (see Figure 3-2).

### **3.2 - Existing System**

The City does not sell water to any other agencies nor to any water users outside the City limits. Information about the water system comes from the *2030 Lemoore General Plan Draft Environmental Impact Report* (City of Lemoore, 2007).

The City currently utilizes local groundwater as its sole source of municipal water supply. The City's municipal water system extracts its water from underground aquifers via four active groundwater wells within the City limits (see Figure 3-3) and three in a wellfield approximately five miles north of the City. Water is conveyed from the wells to the consumers via a distribution system with pipe sizes between six and 16 inches in diameter. The City maintains four ground-level storage reservoirs within the distribution system, with a total capacity of 4.4 million gallons (MG). The City's main water distribution plant is located along G Street west of Lemoore Avenue. The City supplies industrial water to the Olam tomato processing plant as part of the main domestic water supply.

The operating status of City groundwater wells and volume pumped by well in 2025, in millions of gallons (MG), is summarized below:

| Well #                             | Location               | Status             | 2025 Pumping Data (MG) |
|------------------------------------|------------------------|--------------------|------------------------|
| Well 1                             | North Wellfield        | Abandoned          | --                     |
| Well 2                             | North Wellfield        | Inactive           | --                     |
| Well 3                             | City Limits            | Abandoned          | --                     |
| <b>Well 4</b>                      | <i>North Wellfield</i> | <b>Active</b>      | <b>128.57</b>          |
| Well 5                             | <i>North Wellfield</i> | Seasonal           | 0.009                  |
| <b>Well 6</b>                      | <i>North Wellfield</i> | <b>Active</b>      | <b>360.87</b>          |
| <b>Well 7</b>                      | City Limits            | <b>Active</b>      | <b>402.29</b>          |
| Well 8                             | City Limits            | Abandoned          | --                     |
| Well 9                             | City Limits            | Emergency          | --                     |
| <b>Well 10</b>                     | City Limits            | <b>Active</b>      | <b>619.51</b>          |
| <b>Well 11</b>                     | City Limits            | <b>Active</b>      | <b>452.88</b>          |
| <b>Well 12</b>                     | City Limits            | <b>Active</b>      | <b>5.47</b>            |
| <b>Well 13</b>                     | City Limits            | <b>Active</b>      | <b>329.20</b>          |
| Well 14                            | City Limits            | Seasonal           | 0.947                  |
| <b>Total Volume Pumped (2025):</b> |                        | <b>2,299.69 MG</b> |                        |

A small number of wells provide most of the City's groundwater production. Wells 7, 10, and 11 are the most productive year to year, providing over half of the total pumping capacity.

North Wellfield Wells 4, 5, and 6 currently provide approximately 15 to 20 percent of the City's groundwater supply. The wells discharge through the City's Water Treatment Station 11 before entering the distribution system. Production from the North Wellfield is constrained primarily by the capacity of the existing transmission main connecting the wellfield to the City, rather than by groundwater availability or well performance. As a result, the wells are typically operated below their individual production capacities to maintain acceptable operating pressures within the transmission system. Improvements to the transmission main were identified in the City's 2020 Water Master Plan (WMP), to allow for increased utilization of the North Wellfield wells in the future.

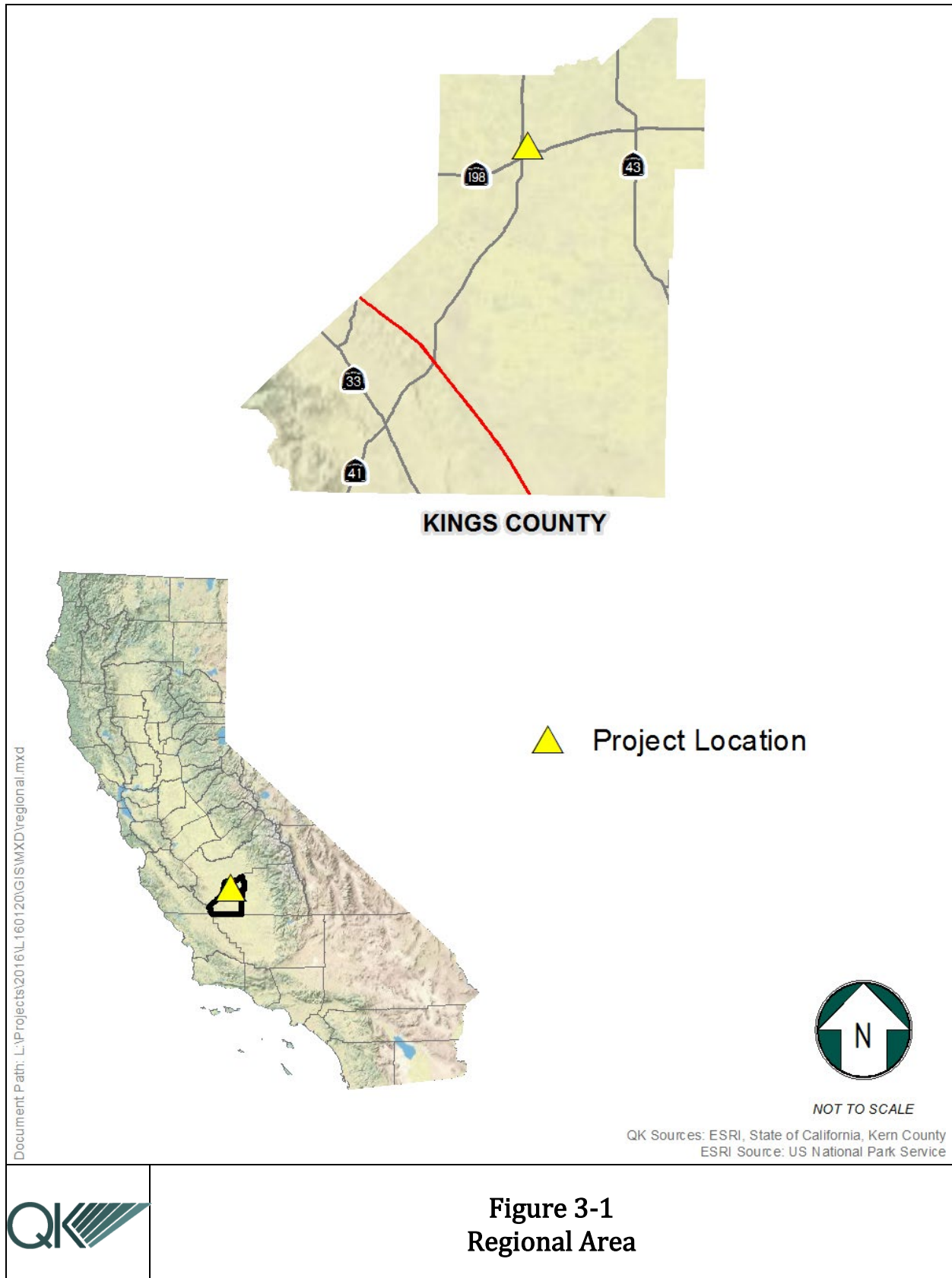
In addition, the City has constructed a new groundwater production well, Well 15, that is anticipated to be placed into service, along with associated distribution system facilities, within the next few years. Once placed in service, Well 15 is expected to improve system reliability, provide additional production capacity, increase operational redundancy, and improve distribution pressure in the southeastern portion of the City. Well 15 was completed in 2019 to an approximate depth of 1,200 feet and was designed for a target production rate of 1,200 gallons per minute (GPM).

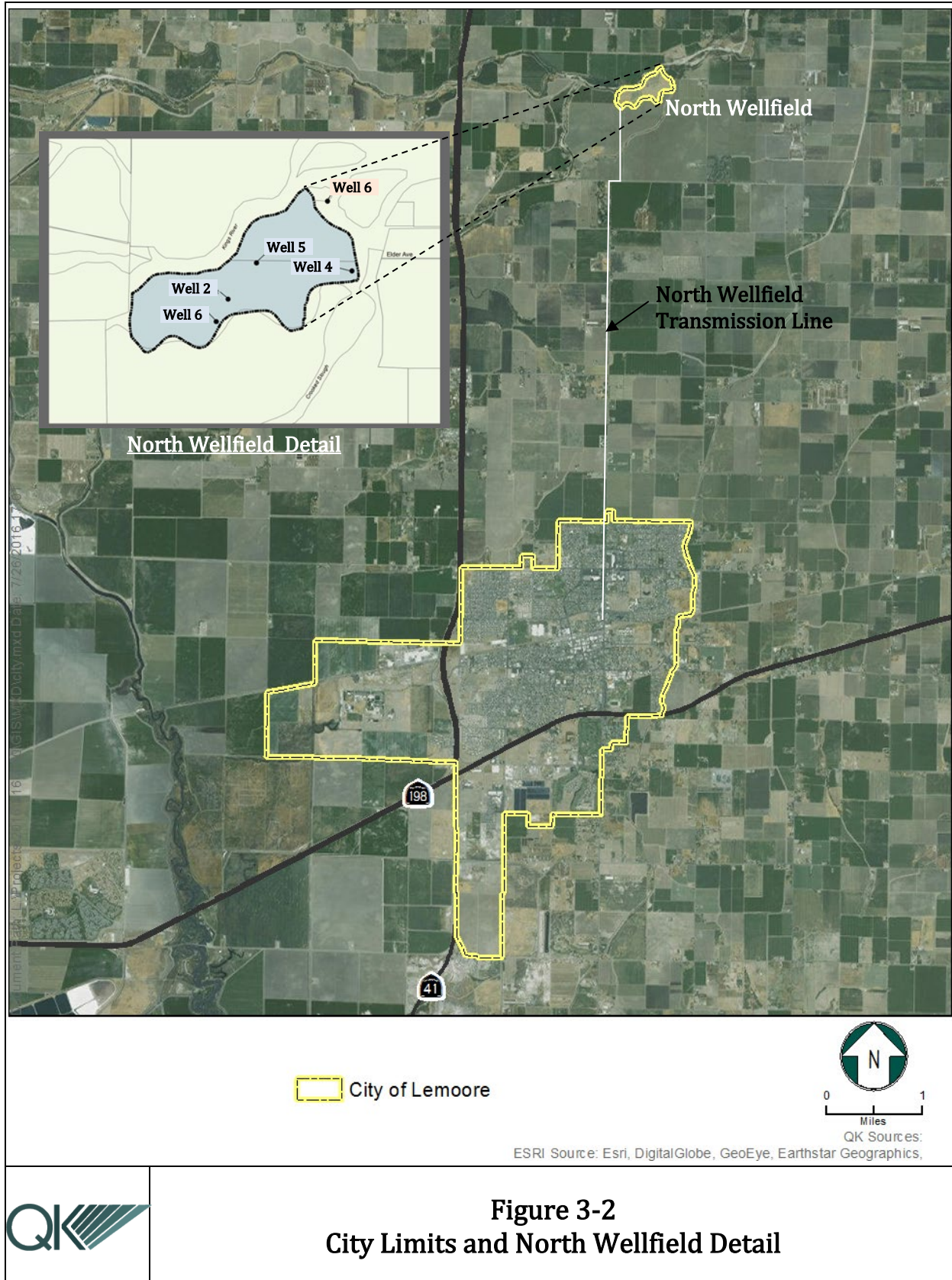
### **3.3 - Climate**

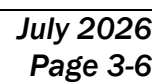
*10631(a). Describe the climate of the service area of the supplier.*

The climate of the Lemoore area is characteristic of that of the Southern San Joaquin Valley. The summer climate is hot and dry, while winters are cool and periodically humid. Mean daily maximum temperatures range from a low of approximately 56 degrees Fahrenheit (°F) in January to a high of about 98°F in July. Rainfall is concentrated during the six months from October to May. December and January typically experience heavy fog, mostly nocturnal,

caused when moist cool air is trapped in the valley by high-pressure systems. In extreme cases, this fog may last continuously for two or three weeks. Its depth is usually less than 3,000 feet.







The Valley area is subject to characteristic seasonal air flows. During the summer, air currents from the Pacific Ocean enter the Valley through the San Francisco Bay and Delta region and are forced down the Valley. These air movements are primarily to the southeast at velocities of 6 to 10 miles per hour (mph). During the winter, cold air flowing off the surrounding mountains results in currents toward the northwest and velocities ranging from 0 to 5 mph. These airflows result in extensive horizontal mixing of air masses in the Valley. However, vertical dispersion is constrained by temperature inversions, an increase in air temperature in a stable atmospheric layer, which may occur throughout the year.

Climatic data for the Lemoore area is summarized as follows:

#### 2025 Stratford Station Climate Data

| Month              | Total<br>Evapotranspiration<br>(ET <sub>o</sub> ) (inches) | Average<br>Temperature<br>(Fahrenheit) | Total<br>Precipitation<br>(inches) | Average<br>Relative<br>Humidity (%) |
|--------------------|------------------------------------------------------------|----------------------------------------|------------------------------------|-------------------------------------|
| January            | 1.65                                                       | 46.0                                   | 0.75                               | 81                                  |
| February           | 2.75                                                       | 50.5                                   | 0.68                               | 74                                  |
| March              | 3.55                                                       | 55.5                                   | 0.95                               | 68                                  |
| April              | 5.9                                                        | 63.0                                   | 0.40                               | 58                                  |
| May                | 8.35                                                       | 70.0                                   | 0.22                               | 48                                  |
| June               | 9.49                                                       | 78.9                                   | 0.00                               | 35                                  |
| July               | 9.21                                                       | 80.3                                   | 0.00                               | 40                                  |
| August             | 8.44                                                       | 82.4                                   | 0.00                               | 38                                  |
| September          | 5.99                                                       | 77.3                                   | 0.52                               | 48                                  |
| October            | 3.86                                                       | 63.2                                   | 0.80                               | 64                                  |
| November           | 1.52                                                       | 55.8                                   | 2.33                               | 80                                  |
| December           | 0.60                                                       | 46.7                                   | 1.89                               | 91                                  |
| <b>2025 Annual</b> | <b>61.31</b>                                               | <b>64.1</b>                            | <b>8.54</b>                        | <b>60</b>                           |

### 3.4 - Service Area Population and Demographics

*16031(a). Indicate the current population of the service area.*

*16031(a). Provide population projections for 2025, 2030, 2035, 2040, and 2045.*

Recognized as a community in 1873, the town was initially called Latache. In 1893, the small settlement was renamed Lemoore, and by the turn of the century, Lemoore reached a population of just less than 1,000 residents. Incorporated in July of 1900, the City prospered as a small agricultural service center.

Lemoore has experienced increases in population in every decade since 1970. Between 1970 and 1980, the population increased 109% reflecting the expansion of the Lemoore Naval Air Station and industrial development in northern Kings County.

Anticipating increased water demand from population growth is an important aspect of a UWMP. Lemoore's 2025 UWMP analyzes the effects of increased demand on water resources arising from sustained population growth, which will be important information for decision-makers as they plan for the anticipated growth. Currently, the City limits contain 1,059 acres of undeveloped land, with 4,754 acres already developed (City of Lemoore, 2012).

According to the United States Census Bureau, the City's population in 2025 was 27,291. Table 3-1 shows the calculated population projection based on the 2020 General Plan's estimated 0.9% annual increase. These projections will be used as a basis for this Plan's analysis. (Continued expansion of Lemoore Naval Air Station, as a principal employer near the community, is assumed.)

**Table 3-1**  
**Retail: Population - Current and Projected**

| <b>Submittal Table 3-1 Retail: Population - Current and Projected</b><br><b>Water Code Section 10631(a)</b>                                      |        |        |        |        |        |           |
|--------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|-----------|
| Population Served                                                                                                                                | 2025   | 2030   | 2035   | 2040   | 2045   | 2050(opt) |
|                                                                                                                                                  | 27,291 | 28,541 | 29,849 | 31,217 | 32,647 |           |
| <b>NOTES:</b> Recent data based on 2025 Census. Projection based on average 0.9% growth per the February 2020 City of Lemoore Water Master Plan. |        |        |        |        |        |           |

### **3.5 - Other Social, Economic, and Demographic Factors**

*16031(a). Describe other social, economic, and demographic factors affecting the supplier's water management planning.*

Section 3.5 data can be found via online references from official sources (reference DataUSA at <https://datausa.io/profile/geo/lemoore-ca>).

In 2024, there were 1.49 times more White (non-Hispanic) residents (10.6 thousand people) than any other race or ethnicity. There were 3.5 thousand White (Hispanic) and 4.49 thousand Other (Hispanic) residents, the second and third most common ethnic groups.

According to the National Center for Education Statistics (NCES), in 2021, the student population is skewed towards women, with 1,532 male students and 2,628 female students. Most students graduating from universities are Hispanic or Latino (68.7%), followed by White (17.2%). The college in Lemoore, West Hills College-Lemoore, awarded 1,268 degrees.

The economy employs 10.4k people with a median household income of \$83,724. The largest industries in Lemoore, CA are Manufacturing, Health Care & social Assistance, and Public Administration. 15.1% of the population for whom poverty status is determined in Lemoore,

CA (4.05k out of 26.7k people) live below the poverty line, a number that is higher than the national average of 12.5%.

94% of the population of Lemoore, CA has health coverage, with 41.1% on employee plans, 26.9% on Medicaid, 5.52% on Medicare, 12% on non-group plans, and 8.4% on military or VA plans.

No unique or pertinent community demographic characteristics were identified that will influence future population growth or water usage.

### **3.6 - Land Uses within the Service Area**

*10631 (a). The description shall include the current and projected land uses within the existing or anticipated service area affecting the supplier's water management planning. Urban water suppliers shall coordinate with local or regional land use authorities to determine the most appropriate land use information, including, where appropriate, land use information obtained from local or regional land use authorities.*

Information provided as Section 3.6 of this report references Chapter 2 (revised March 2012) of the City of Lemoore's May 2008 *2030 General Plan*, which describes current (2025) and proposed/future land use and delineates the service area.

The City provides water distribution services to residents, businesses, and other institutions within its City limits. The City has plans for the development of new residential communities, infill, and redevelopment of existing land, as indicated in the City's General Plan.

Future land use includes the development of vacant or underdeveloped areas not defined as known development. This includes growth outside the current City limits and encompassed by the Planning Area. It is assumed that development and redevelopment will occur according to the land use designations as depicted in the City's General Plan. At build-out, the service area will encompass approximately 14.4 square miles (excluding wetlands and agriculture).

A breakdown of the City's existing Land Use by category and associated acreage is provided in the below Table 3-1 – *Lemoore Existing Land Use*. Land Use and acreages from this table are further included and referenced in *Section 4.2 Water Use* of this UWMP.

**Table 3-2  
Lemoore Existing Land Use**

| Land Use                          | Incorporated |              | Unincorporated |              | Total Planning Area |                  |
|-----------------------------------|--------------|--------------|----------------|--------------|---------------------|------------------|
|                                   | Acres        | Percent      | Acres          | Percent      | Total Acres         | Percent of Total |
| <b>Residential</b>                |              |              |                |              |                     |                  |
| Very Low Density Residential      | 130          | 2.34         | 1,778          | 10.85        | 1,907               | 8.70             |
| Low Density Residential           | 1,709        | 30.81        | 1,406          | 8.58         | 3,115               | 14.20            |
| Low Medium Density Residential    | 323          | 5.82         | 969            | 5.91         | 1,292               | 5.89             |
| Medium Density Residential        | 160          | 2.88         | 6              | 0.04         | 166                 | 0.76             |
| High Density Residential          | 71           | 1.28         | -              | -            | 71                  | 0.32             |
| Agricultural/Rural Residential    | -            | -            | 561            | 3.42         | 561                 | 2.56             |
| <i>Residential Subtotal</i>       | <i>2,392</i> | <i>43.13</i> | <i>4,719</i>   | <i>28.81</i> | <i>7,111</i>        | <i>32.43</i>     |
| <b>Commercial/Office</b>          |              |              |                |              |                     |                  |
| Regional Commercial               | 187          | 3.37         | 419            | 2.56         | 607                 | 2.77             |
| Neighborhood Commercial           | 108          | 1.94         | 421            | 2.57         | 529                 | 2.41             |
| Mixed Use                         | 29           | 0.52         | -              | -            | 29                  | 0.13             |
| Professional Office               | 44           | 0.80         | 429            | 2.62         | 474                 | 2.16             |
| <i>Commercial/Office Subtotal</i> | <i>368</i>   | <i>6.64</i>  | <i>1,270</i>   | <i>7.75</i>  | <i>1,638</i>        | <i>7.47</i>      |
| <b>Industrial</b>                 |              |              |                |              |                     |                  |
| Light Industrial                  | 1,075        | 19.38        | -              | -            | 1,075               | 4.90             |
| Heavy Industrial                  | 46           | 0.84         | -              | -            | 46                  | 0.21             |
| <i>Industrial Subtotal</i>        | <i>1,122</i> | <i>20.22</i> | <i>-</i>       | <i>-</i>     | <i>1,122</i>        | <i>5.11</i>      |
| <b>Parks/Open Space</b>           |              |              |                |              |                     |                  |
| Agriculture/Rural                 | 417          | 7.52         | 5,533          | 33.78        | 5,951               | 27.14            |
| Parks/Recreation                  | 382          | 6.89         | 1,052          | 6.42         | 1,434               | 6.54             |
| Greenway/Detention Basin          | 113          | 2.03         | 1,923          | 11.74        | 2,036               | 9.29             |
| Wetlands                          | 170          | 3.07         | 571            | 3.49         | 741                 | 3.38             |
| <i>Parks/Open Space Subtotal</i>  | <i>1,082</i> | <i>19.51</i> | <i>9,080</i>   | <i>55.43</i> | <i>10,162</i>       | <i>46.34</i>     |
| <b>Other</b>                      |              |              |                |              |                     |                  |
| Community Facilities              | 583          | 10.51        | 903            | 5.51         | 1,486               | 6.78             |
| Employment Reserve Area           | -            | -            | 408            | 2.49         | 408                 | 1.86             |
| <i>Other Subtotal</i>             | <i>583</i>   | <i>10.51</i> | <i>1,312</i>   | <i>8.01</i>  | <i>1,894</i>        | <i>8.64</i>      |
| <b>Total</b>                      | <b>5,546</b> | <b>100</b>   | <b>16,381</b>  | <b>100</b>   | <b>21,927</b>       | <b>100</b>       |
| <i>Source: City of Lemoore</i>    |              |              |                |              |                     |                  |

## SECTION 4 - SYSTEM WATER USE

A system's water use is determined by the amount of water, conveyed by a distribution system, that is used by a water agency and its customers for any purpose, including non-potable water uses, water losses, and other non-revenue water. This section describes and quantifies the City's current water use and water use projections by individual land use sectors through the year 2045.

### ***4.1 - Water Types***

#### ***4.1.1 - POTABLE AND RAW WATER***

Potable water is water intended for human consumption, which is delivered through a public water system, and regulated by a State or local health agency. Raw water is untreated water that is used in its natural state. The City supplies potable water to residences, commercial, industrial businesses, and institutions and does not supply raw water. *Section 6 – System Supplies* provides a full description of the City's potable supply including the source, quality, and groundwater levels.

#### ***4.1.2 - RECYCLED WATER***

The City's Public Works Department operates a wastewater treatment facility (WWTF) and provides a comprehensive wastewater collection, treatment, and disposal system that serves the residences and businesses within the City limits. More information regarding the service area's wastewater treatment is included in *Section 6 – System Supplies*. Recycled water is municipal wastewater that has been treated to a specified quality to enable it to be used again.

Requirements for the City's use of recycled water were put forth by the California Regional Water Quality Control Board's (RWQCB) Waste Discharge Requirements Order R5-2024-0007 for the City of Lemoore and the Leprino Foods Company.

Leprino owns and operates two cheese production facilities within the City known as the Leprino West Plant and the Leprino East Plant. Process water from Leprino's two facilities is temporarily stored for flow equalization at the Leprino West Plant, then conveyed to Leprino's treatment facility, built adjacent to the City's WWTF, for further treatment. After treatment, Leprino's process water is combined with the City's treated effluent before the combined waste streams (combined effluent) are disinfected to comply with disinfected secondary-23 recycled water requirements as defined in Section 60301.225 of California Code of Regulations, Title 22 (Title 22).

The Order requires that the combined effluent be used for irrigation on crops at Stone Ranch in accordance with the applicable portions of the Title 22 water recycling regulations. The City plans to utilize recycled water in accordance with the Order.

## 4.2 - Water Use

*16031(e)(1). Quantify past, current, and projected water use, identifying the uses.*

The quantifications of past, current, and projected water use include the following land use sectors in five-year increments:

- Single-family residential – lot with a free-standing building containing one dwelling unit.
- Multi-family residential – multiple dwelling units contained within one building or several buildings within one complex.
- Commercial – water users that provide or distribute a product or service.
- Industrial – water users that are primarily the manufacturer or processor of materials as defined by North American Industry Classification System code sectors 31 to 33, or entities that are water users and primarily engage in research and development.
- Institutional and government – water users dedicated to public service, including education, courts, churches, hospitals, government facilities, and nonprofit research institutions.
- Landscape – water connections that supply water solely for landscape irrigation.

The following sectors are not included in this UWMP because they are not applicable to the City:

- Conjunctive use – the City does not apply a management strategy where surface water is managed in conjunction with an underground aquifer.
- Groundwater recharge – the City does not manage or intentionally replenish natural groundwater supplies using manmade conveyance.
- Saline water intrusion barriers – the City does not inject water into a freshwater aquifer to prevent intrusion of salt water.
- Agricultural – the City does not supply water for commercial agricultural irrigation.
- Surface water augmentation – the City does not place recycled water in a surface water reservoir as a source of domestic drinking water supply.
- Wetlands or wildlife habitat – the City does not use water for managed environmental use to improve any environmental conditions.

Past, current, and projected losses within the system were also tabulated.

The following sectors are not included in this UWMP because they are exclusively associated with wholesale demand and, because the Lemoore City Water Department is exclusively a retailer (see Table 2-3), these sectors are not applicable:

- Sales to other agencies - the City does not make water sales to other agencies.
- Exchanges – the City does not exchange water with other agencies.
- Transfers – the City does not transfer water to other agencies as defined by the CWC as a temporary or long-term change in the point of diversion, place of use, or purpose of use.

#### 4.2.1 - CURRENT WATER USE

This section describes the City's current water use by land use sector and summarizes demand conditions in 2025. As shown in Table 4-1, the City experienced a total water demand of approximately 2,300 MG in 2025. All water distributed by the City is supplied from groundwater pumped by City-owned facilities. The City does not purchase imported water and has no current plans to acquire wholesale water.

The table below summarizes existing incorporated land uses based on the land use inventory presented in Table 3-2. The land use categories correspond to the water demand sectors used in Table 4-1. The acreages shown represent developed land uses served by the City's water system and provide a more complete representation of existing land uses than those presented in previous UWMP, which were based on a simplified developed-land estimate from the 2020 Water Master Plan.

**Lemoore Existing Land Use Acreage**

| <b>Land Use</b>            | <b>Acres</b> | <b>Percentage (%)</b> |
|----------------------------|--------------|-----------------------|
| Single-Family Residential  | 2,162        | 44.6                  |
| Multi-Family Residential   | 231          | 4.8                   |
| Commercial                 | 368          | 7.6                   |
| Industrial                 | 1,122        | 23.1                  |
| Institutional/Governmental | 583          | 12.0                  |
| Landscape                  | 382          | 7.9                   |
| <b>Total</b>               | <b>4,848</b> | <b>100</b>            |

Agricultural lands, wetlands, detention basins, employment reserve areas, and other non-urban land uses were excluded because they are not directly associated with the municipal water demand sectors evaluated in this UWMP.

**Table 4-1**  
**Retail: Demands for Potable and Raw Water – Actual**

| Submittal Table 4-1 Retail: 2025 Actual Total Uses for Potable and Non-Potable Water<br>Water Code Section 10631(d)(1)                                                                              |                                       |                                                                      |        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----------------------------------------------------------------------|--------|
| Use Type                                                                                                                                                                                            | Additional Description<br>(as needed) | 2025 Actual Water Use                                                |        |
| <b>Drop down list</b><br>May select each use multiple times<br>These are the only use types that will be<br>recognized by the WUEdata online submittal tool                                         |                                       | Level of Treatment<br>When Delivered<br>(OPTIONAL)<br>Drop down list | Volume |
|                                                                                                                                                                                                     |                                       |                                                                      | (MG)   |
|                                                                                                                                                                                                     |                                       | Add additional rows as needed                                        |        |
| Single Family                                                                                                                                                                                       | 2,162 Acres                           | Potable                                                              | 1,118  |
| Multi-Family                                                                                                                                                                                        | 231 Acres                             | Potable                                                              | 264    |
| Commercial                                                                                                                                                                                          | 368 Acres                             | Potable                                                              | 120    |
| Industrial                                                                                                                                                                                          | 1,122 Acres                           | Potable                                                              | 253    |
| Institutional/Governmental                                                                                                                                                                          | 583 Acres                             | Potable                                                              | 239    |
| Landscape                                                                                                                                                                                           | 382 Acres                             | Potable                                                              | 306    |
|                                                                                                                                                                                                     |                                       |                                                                      |        |
| Subtotal Potable                                                                                                                                                                                    |                                       |                                                                      | 2,300  |
| Subtotal Non-Potable                                                                                                                                                                                |                                       |                                                                      | 0      |
| Total                                                                                                                                                                                               |                                       |                                                                      | 2,300  |
| DWR NOTES: Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Submittal Table 2-3. This table identifies the unit of measure selected in Submittal Table 2-3. |                                       |                                                                      |        |
| NOTES:                                                                                                                                                                                              |                                       |                                                                      |        |

#### **4.2.2 - PROJECTED WATER USE**

Pursuant to the UWMP Standardized Tables provided by DWR, the City has provided, in Table 4-2, the projected demands for water by land use. Total projected demands for the City do not include the use of any raw or recycled water and only include potable water.

Water use projections assume that the current per capita use remains constant throughout the projection period and that population growth will average 0.9% over the next 20 years. Projected water use incorporates modest reductions in per capita demand over time due to ongoing conservation programs, State efficiency standards, and passive savings associated with building and plumbing codes.

**Table 4-2**  
**Retail: Demand for Potable and Raw Water - Projected**

| Submittal Table 4-2 Retail: Total Uses of Potable, and Non-Potable Water - Projected Water Code Section 10631(d)(1)                                                                                 |                                    |                                                                          |       |       |       |       |            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|--------------------------------------------------------------------------|-------|-------|-------|-------|------------|
| Use Type                                                                                                                                                                                            | Additional Description (as needed) | Projected Water Use<br>(Report To the Extent that Records are Available) |       |       |       |       |            |
| <b>Drop down list</b><br>May select each use multiple times<br>These are the only Use Types that will be recognized by the WUEdata online submittal tool                                            |                                    | Level of Treatment When Delivered (OPTIONAL)<br>Drop down list           | 2030  | 2035  | 2040  | 2045  | 2050 (opt) |
|                                                                                                                                                                                                     |                                    |                                                                          | (MG)  | (MG)  | (MG)  | (MG)  | (MG)       |
| Add additional rows as needed.                                                                                                                                                                      |                                    |                                                                          |       |       |       |       |            |
| Single Family                                                                                                                                                                                       |                                    | Potable                                                                  | 1,169 | 1,222 | 1,253 | 1,297 |            |
| Multi-Family                                                                                                                                                                                        |                                    | Potable                                                                  | 277   | 289   | 297   | 307   |            |
| Commercial                                                                                                                                                                                          |                                    | Potable                                                                  | 125   | 131   | 135   | 140   |            |
| Industrial                                                                                                                                                                                          |                                    | Potable                                                                  | 265   | 277   | 283   | 303   |            |
| Institutional/Governmental                                                                                                                                                                          |                                    | Potable                                                                  | 250   | 262   | 268   | 277   |            |
| Landscape                                                                                                                                                                                           |                                    | Potable                                                                  | 320   | 335   | 344   | 354   |            |
|                                                                                                                                                                                                     |                                    |                                                                          |       |       |       |       |            |
|                                                                                                                                                                                                     |                                    |                                                                          |       |       |       |       |            |
| Subtotal Potable                                                                                                                                                                                    |                                    |                                                                          | 2,405 | 2,516 | 2,579 | 2,678 | 0          |
| Subtotal Non-Potable                                                                                                                                                                                |                                    |                                                                          | 0     | 0     | 0     | 0     | 0          |
| Total                                                                                                                                                                                               |                                    |                                                                          | 2,405 | 2,516 | 2,579 | 2,678 | 0          |
| DWR NOTES: Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Submittal Table 2-3. This table identifies the unit of measure selected in Submittal Table 2-3. |                                    |                                                                          |       |       |       |       |            |
| NOTES: Projections assume an average yearly population growth of 0.9%.                                                                                                                              |                                    |                                                                          |       |       |       |       |            |

**Table 4-3  
Retail: Inclusion in Water Use Projections**

| <b>Submittal Table 4-3 Retail: Inclusion in Water Use Projections<br/>Water Code Section 10631 (a), 10631 (d)(4)(A), and 10631 (d)(4)(B)</b>                                                                                                                                                      |                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| <b>Are Future Water Savings Included in Projections?</b><br>(Refer to Appendix K of UWMP Guidebook)<br><b>Drop down list (y/n)</b>                                                                                                                                                                | Yes                                |
| If "Yes" to above:<br>State the section or page number, in the cell to the right, where citations of the codes, ordinances, or otherwise are utilized in demand projections are found.<br><b>OPTIONAL</b> Suppliers may complete Optional Submittal Table 4-4 R to quantify the expected savings. | Section 4.2.2;<br>Sections 8 and 9 |
| <b>Are Lower Income Residential Demands Included In Projections?</b><br>(Refer to Appendix K of UWMP Guidebook)<br><b>Drop down list (y/n)</b>                                                                                                                                                    | Yes                                |
| <b>OPTIONAL</b> If the method for accounting Lower Income Residential Demands has been included, provide page number where this accounting can be found. (An example is included in Appendix K.)                                                                                                  |                                    |

### **4.3 - Distribution System Water Losses**

*10631(d)(3)(A). The distribution system water loss shall be quantified for each of the five years preceding the plan update.*

Distribution system water losses (also known as “real losses”) are the physical water losses from the water distribution system and the supplier’s storage facilities, up to the point of customer consumption.

Water loss has not yet been quantified using AWWA-compliant methods; however, the City is evaluating their water loss monitoring procedures and will be reporting water loss information when available in accordance with DWR requirements.

#### **4.3.1 - PREVIOUS FIVE YEARS DISTRIBUTION SYSTEM LOSSES**

Submittal Table 4-5 is used by Retail Suppliers to indicate that they submitted their Water Loss Audit to DWR’s Water Loss Audit Program. The City has not completed formal water loss audits for the reporting period. Although quantified losses are not currently available, system losses are expected to fall within the general range observed for similarly sized retail

water systems. The City intends to develop improved water loss tracking and reporting capabilities in future UWMP cycles.

**Table 4-5**  
**Retail: Water Loss Audit Reporting**

| <b>Submittal Table 4-5 Retail: Water Loss Audit Reporting</b><br><b>Water Code Section 10631(d)(3)(A)</b>                 |                         |                                                                               |
|---------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------------------------------------------------------------|
| <b>Public Water System ID #</b><br><b>Reported in Table 2-1 R</b>                                                         | <b>Reporting Period</b> | <b>Submitted to DWR</b><br><b>Water Loss Audit</b><br><b>Program (yes/no)</b> |
| <b>Report submittal status for all five years for each Public Water System as available.</b><br><b>Add rows as needed</b> |                         |                                                                               |
| CA1610005                                                                                                                 | 2020                    | No                                                                            |
|                                                                                                                           | 2021                    | No                                                                            |
|                                                                                                                           | 2022                    | No                                                                            |
|                                                                                                                           | 2023                    | No                                                                            |
|                                                                                                                           | 2024                    | No                                                                            |
| <b>DWR NOTES:</b> Suppliers will provide a link to the WUEdata submittals of their Water Loss Audit Reports.              |                         |                                                                               |

#### **4.3.2 - PROGRESS TOWARD MEETING THE WATER LOSS PERFORMANCE STANDARD**

Retail Suppliers are required to report distribution system water loss data to demonstrate progress toward meeting the Water Loss Performance Standard. The City has not submitted any Water Loss Audit Reports in the last five reporting years.

The City is initiating an AWWA-compliant water audit program in 2026 with submission planned prior to the next reporting cycle. This program will include data development, validation, and annual audit preparation consistent with DWR reporting requirements. The City intends to submit its first completed audit prior to the next UWMP reporting cycle and to use these results to establish baseline water loss conditions and track progress toward performance standards.

## SECTION 5 - SBX7-7 BASELINES, 2020 TARGETS, AND 2025 REPORTING

The City achieved its SB X7-7 2020 water use reduction target and remains in compliance with State conservation requirements. Table 5-1 summarizes baseline conditions, targets, and performance. Current and projected water use reflects ongoing conservation efforts and demand management measures described in Section 9.

**Table 5-1**  
**Retail: SB X7-7 2020 Target Progress**

| Submittal Table 5-1 Retail: SB X7-7 2020 Target Progress<br>Water Code Section 10608.40 |                                                                                                                                          |             |                  |                                                   |                                                                                 |                                            |
|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------|---------------------------------------------------|---------------------------------------------------------------------------------|--------------------------------------------|
| <input type="checkbox"/>                                                                | Check the box if the Supplier was not an Urban Water Supplier during or before the 2020 UWMP reporting cycle. Proceed to the next table. |             |                  |                                                   |                                                                                 |                                            |
| Was Supplier part of a merger or consolidation since 2020?                              | Regional Alliance Target or Individual Target?<br>Drop down list                                                                         | 2020 Target | Actual 2020 GPCD | Did Supplier Achieve Targeted Reduction for 2020? | Only for suppliers that did not meet the Target in 2020<br>See DWR NOTES below. |                                            |
|                                                                                         |                                                                                                                                          |             |                  |                                                   | Actual 2025 GPCD<br>(From SB X7-7 Compliance Form)                              | Did Supplier meet the 2020 Target in 2025? |
| No                                                                                      | Individual Target                                                                                                                        | 175         | 153              | Yes                                               |                                                                                 | NA                                         |

**DWR NOTES:**

**Suppliers calculating a 2025 GPCD** will need to complete and submit SB X 7-7 Compliance Tables to verify the use of SB X7-7 Methodologies.

**Suppliers that were part of a merger or consolidation since 2020** see Chapter 5 and Appendix P for guidance.

## SECTION 6 - SYSTEM SUPPLIES

*CWC 10631(b). Identify and quantify, to the extent practicable, the existing and planned sources of water available to the supplier over the same five-year increments described in subdivision (a).*

This section describes and quantifies sources of water available to the City. As discussed in *Section 4 – System Water Use*, the City of Lemoore produces all its water supply through pumping groundwater using City facilities. The City does not purchase water from any other source. There are no current plans to purchase wholesale water in the near future. Thus, the City does not:

- Purchase or import water.
- Use surface water.
- Use recycled water as a municipal water supply source within the service area.
- Desalinate water.
- Enter into water exchanges or transfers.

Therefore, the following discussion focuses on groundwater as the City’s only existing water supply. This section also discusses future water projects and provides a summary of existing and planned sources of water.

### **6.1 - Water Supply Analysis Overview**

The City does not purchase or import water from other water suppliers or other entities. There are no plans for the City to purchase or import water as part of its water supply.

### **6.2 - Water Supply Characterization - Groundwater**

*CWC 10631(b). If groundwater is identified as an existing or planned source of water available to the supplier, all of the following information shall be included in the plan:*

*(1) A copy of any groundwater management plan adopted by the urban water supplier, including plans adopted pursuant to Part 2.75 (commencing with Section 10750), or any other specific authorization for groundwater management.*

*(2) A description of any groundwater basin or basins from which the urban water supplier pumps groundwater. For basins where a court or the board has adjudicated the rights to pump groundwater, a copy of the order or decree adopted by the court or the board and a description of the amount of groundwater the urban water supplier has the legal right to pump under the order or decree. For basins that have not been adjudicated, information as to whether the department has identified the basin or basins as overdrafted or has projected that the basin will become overdrafted if present management conditions continue, in the most current official departmental bulletin that characterizes the condition of the groundwater basin, and a detailed description of the efforts being undertaken by the urban water supplier to eliminate the long-term overdraft condition.*

*(3) A detailed description and analysis of the location, amount, and sufficiency of groundwater pumped by the urban water supplier for the past five years. The description and analysis shall be based on information that is reasonably available, including, but not limited to, historic use records.*

*(4) A detailed description and analysis of the amount and location of groundwater that is projected to be pumped by the urban water supplier. The description and analysis shall be based on information that is reasonably available, including, but not limited to, historic use records.*

### **6.2.1 - BASIN DESCRIPTION**

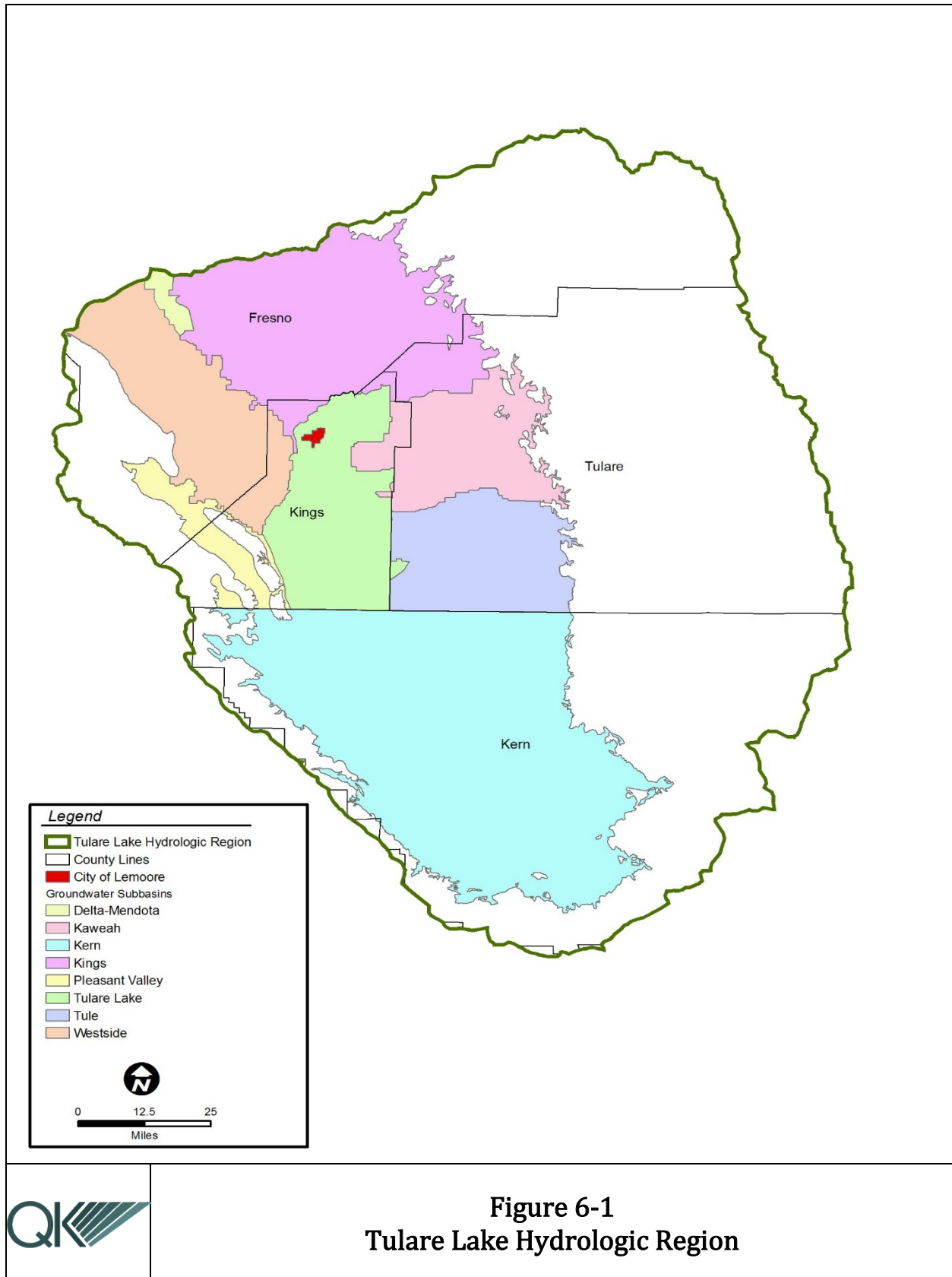
The groundwater subbasin underlying the City of Lemoore, and thus the service area, is the Tulare Lake Subbasin (Groundwater Basin No. 5-22.12). The Tulare Lake Subbasin is one of eight subbasins within the Tulare Lake Hydrologic Region that transport, filter, and store water (see Figure 6-1). The major rivers in the Subbasin that provide most of the surface water runoff for the Region is the Kings River.

Of the 5.1 million acres of the San Joaquin Valley Basin, the Tulare Lake Subbasin has a surface area of 524 thousand acres (818 square miles). The Tulare Lake Subbasin is bounded on the south by the Kings-Kern County line, on the west by the California Aqueduct, the eastern boundary of the Westside Groundwater Subbasin, and the Tertiary marine sediments of the Kettleman Hills. It is bounded on the north by the southern boundary of the Kings Groundwater Subbasin, and on the east by the westerly boundaries of the Kaweah and Tule Groundwater Subbasins. The southern half of the Tulare Lake Subbasin consists of lands in the former Tulare Lake bed in Kings County (Department of Water Resources, 2006).

The Subbasin is located in Kings and Tulare counties and contains six localized urban areas, including the cities of Corcoran, Lemoore, Hanford, and the communities of Armona, Home Garden, Stratford, and Kettleman City. The Subbasin is currently managed by five Groundwater Sustainability Agencies (GSAs), with each GSA comprising multiple member agencies.

In 2017, the City and four other public agencies were involved in the formation and management of the South Fork Kings GSA within the Tulare Lake Subbasin, authorized to collectively develop, adopt, and implement a Groundwater Sustainability Plan (GSP) for the sustainable management of groundwater in a portion of the Tulare Lake Subbasin. It is one of over 250 newly-formed agencies in the State of California created to implement SGMA, and, as previously noted, one of five GSAs within the Tulare Lake Subbasin. See Section 6.2.3 for additional information on the Subbasin GSAs.

As of 2018, the City had a cost-sharing agreement to fund a Groundwater Sustainability Plan (GSP) by January 2020. The South Fork Kings GSA (SFKGSA) adopted a Groundwater Sustainability Plan (GSP) at its January 16, 2020 board meeting.



### ***Basin Levels and Storage***

In 1995, DWR estimated the total storage capacity of the Tulare Lake Subbasin is estimated to be 17.1 million acre-feet (AF) to a depth of 300 feet and 82.5 million AF to the base of fresh groundwater (SWRCB, 2023). The average subbasin water level was reported to decline nearly 17 feet from 1970 to 2000. The period from 1970 through 1978 showed moderate declines with many fluctuations, totaling about 12 feet. The 10-year period from 1978 to 1988 saw more fluctuations and a general increase of about 24 feet, bringing water levels up to 12 feet above the 1970 water levels. 1988 through 1993 showed steep declines, bottoming out in 1993 at 23 feet below 1970 water levels. Water levels rose from 1993 to 1999 to about 10 feet below the 1970 level. From 1999 to 2000, water levels dropped another 7 feet, bringing the water levels to about 17 feet below 1970 water levels. Fluctuations in water levels have been most exaggerated in the lakebed area of the Subbasin. This area has the steepest decreases in water levels as well as some of the strongest increases in water levels (Department of Water Resources, 2006). DWR has defined the Subbasin as “critically overdrafted.”

### ***Basin Water Quality***

The water in this groundwater subbasin is generally a calcium bicarbonate type in the northern portion. This trends towards sodium bicarbonate as it approaches the Tulare Lake bed. Total dissolved solids (TDS) values typically range from 200 to 600 milligrams per liter (mg/L). TDS values of shallow groundwater in drainage problem areas are as high as 40,000 mg/L. The Department of Health Services, which monitors Title 22 water quality standards, reports TDS values in 36 wells ranging from 150 to 820 mg/L, with an average value of 342 mg/L. The City of Hanford reports electric conductivity values in 14 wells ranging from 210 to 820 micromhos per centimeter ( $\mu\text{mhos/cm}$ ), with an average value of 554  $\mu\text{mhos/cm}$  (Department of Water Resources, 2006).

There are areas of shallow, saline groundwater in the southern portion of the Subbasin and localized areas of high arsenic. The City of Hanford reports odors caused by the presence of hydrogen sulfide (Department of Water Resources, 2006).

Groundwater quality monitoring data for Tulare Lake Subbasin and other hydrologic regions in the State is provided in Table 6-6 of DWR’s 2020 Groundwater Update report. The three most frequently detected constituents reported for the Tulare Lake Subbasin (from water quality monitoring stations; 2014-2023) are Nitrate as Nitrogen ( $\text{NO}_3$  as N); 1,2,3-trichloropropane (1,2,3-TCP), and Arsenic (As) (Department of Water Resources, 2025). Concentrations of these and other constituents will continue to be evaluated within the Subbasin water quality monitoring stations.

### **6.2.2 - GROUNDWATER**

The City is a key member of SFKGSA and an active participant in implementing the requirements and policies set forth by SGMA and other water conservation efforts.

SGMA requires local agencies to adopt Groundwater Sustainability Plans (GSPs) for high-priority and medium-priority groundwater basins. SGMA requires GSPs must be updated and resubmitted every five years. GSPs outline how groundwater will be sustainably used and managed to avoid undesirable results in the basins, such as significant and unreasonable declines in groundwater levels, reductions in groundwater storage, intrusion of seawater, and degradation of water quality. Local agencies must report annually, meet five-year milestones, and reach sustainability within 20 years.

23 CCR §356.2 of the California Code of Regulations requires agencies to submit annual reports to the California Department of Water by April 1 of each year following the adoption of a Groundwater Sustainability Plan. The GSP Regulations established the data requirements for the annual reports and tasked the Department of Water Resources (DWR) with developing an online reporting system for the Groundwater Sustainability Agencies. The Department has developed a GSP Reporting System within an online SGMA Portal to meet these regulatory requirements.

An adjudicated groundwater basin refers to when, because of a lawsuit, the court decides who extracts from the basin, how much they extract, and who will manage the basin. The San Joaquin River Groundwater Basin was not adjudicated as of 2021, as defined by the *California Water Plan Update – Bulletin 160-98*, Figure 3-28 (p. 3-54) and Table 3-16 (p. 3-55) (California Department of Water Resources, 1998).

Prior to the recent adoption of SGMA regulations and formation of GSAs, groundwater management efforts and goals were indicated in the *Lower Kings Basin Groundwater Management Plan Update* (GWP Update), which was adopted by the Kings River Conservation District, which includes the area of the groundwater subbasin in which the City underlies (Kings River Conservation District, 2005). The GWP Update includes goals and objectives for groundwater management and financing, governance options, and management and implementation plans. The overall goal of the GMP Update is:

To document the local approach to stopping overdraft, sustaining the local economy, and ensuring a sustainable groundwater system through the development of specific projects and facilities to capture unallocated floodwater for groundwater storage and conjunctive use, whenever and wherever such water is available consistent with existing agreements, rights, and entitlements.

The objectives were crafted to reflect the District's (and GSA) values and priorities for meeting the GMP Update goal.

- Identify and build near-term groundwater recharge projects within each Water Management Area to capture flood flows; begin to stabilize the basin; and demonstrate project feasibility, benefits, and cost-effectiveness.
- Establish rational and attainable Best Management Objectives, both regionally and for specific Water Management Areas, to measure and track progress.
- Formulate long-term regional strategies to take advantage of groundwater storage space in the Lower Kings Basin.

- Maintain local control of the groundwater basin by developing agreements and institutional arrangements that promote the responsible management of groundwater resources by overlying cities, water districts, agencies, companies, and landowners.
- Continue to track progress, and coordinate, GWP Update implementation.
- Research and define financing strategies and program oversight to implement the GWP Update projects and programs.
- Implement monitoring programs that increase the understanding of Lower Kings Basin operations, track progress toward meeting goals, and evaluate and forecast conditions.
- Prevent degradation of groundwater quality.
- Evaluate subsidence resulting from groundwater pumping

As a public agency and Retail water supplier, the City is committed to groundwater sustainability and achieving compliance with SGMA, working closely with the SFKGSA and nearby districts and agencies. As previously indicated, the City has taken an active role in the formation of SFKGSA and the subsequent preparation and issuance of the 2020 *Tulare Lake Subbasin Groundwater Sustainability Plan*.

### **6.2.3 - GROUNDWATER SUSTAINABILITY AGENCIES**

The City was among five public agencies involved in the formation of the SFKGSA. The other founding public agencies include Kings County, Empire West Side Irrigation District, Stratford Irrigation District, and Stratford Public Utility District.

SFKGSA is a California Joint Powers Authority formed to implement the Sustainable Groundwater Management Act in the northwestern part of the Tulare Lake Subbasin. The public and private agencies that make up SFKGSA have developed a GSP under an agreement that ensures collaboration and coordination throughout the Subbasin. The GSP can be accessed via the following link: <https://southforkkings.org/wp-content/uploads/2021/04/tulare-lake-subbasin-groundwater-sustainability-plan-january-2020.pdf>

The SFKGSA covers an area of about 111 square miles (71,300 acres) and is located in the northwestern part of the Tulare Lake Subbasin. The primary industries within the SFKGSA are agriculture and food processing (Tulare Lake Subbasin GSAs et al., 2020).

A list of other GSAs and their member agencies within the Tulare Lake Subbasin is provided in the below GSA Table.

GSA Table 1 – Tulare Lake Subbasin Groundwater Sustainability Agencies

| <b>GSA</b>                      | <b>Member Agency</b>                                                                                                                                                                                                                                                                                                                                                                          | <b>Date of GSA Formation</b> |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| Mid-Kings River GSA             | <ul style="list-style-type: none"> <li>• City of Hanford</li> <li>• County of Kings</li> <li>• Kings County Water District</li> </ul>                                                                                                                                                                                                                                                         | 01/05/2017                   |
| South Fork Kings GSA            | <ul style="list-style-type: none"> <li>• City of Lemoore</li> <li>• Empire Westside Irrigation District</li> <li>• County of Kings</li> <li>• Stratford Irrigation District</li> <li>• Stratford Public Utility District</li> </ul>                                                                                                                                                           | 03/08/2017                   |
| Southwest Kings GSA             | <ul style="list-style-type: none"> <li>• Dudley Ridge Water District</li> <li>• Kettleman City Community Service District</li> <li>• Tulare Lake Basin Water Storage District</li> <li>• Tulare Lake Reclamation District #761</li> <li>• County of Kings</li> </ul>                                                                                                                          | 03/08/2017                   |
| El Rico GSA                     | <ul style="list-style-type: none"> <li>• Alpaugh Irrigation District</li> <li>• City of Corcoran</li> <li>• Corcoran Irrigation District</li> <li>• County of Kings</li> <li>• Lovelace Reclamation District #739739</li> <li>• Melga Water District</li> <li>• Salyer Water District</li> <li>• Tulare Lake Basin Water Storage District</li> <li>• Tulare Lake Drainage District</li> </ul> | 02/08/2017                   |
| Tri-County Water Authority GSA* | <ul style="list-style-type: none"> <li>• Angiola Water District</li> <li>• Deer Creek Stormwater District</li> <li>• County of Kings</li> <li>• W.H. Wilbur Reclamation District #825</li> </ul>                                                                                                                                                                                              | 09/01/2016                   |

The location and boundaries of the Tulare Lake Subbasin GSAs are shown in Figure 6-2 below.

#### 6.2.4 - OVERDRAFT CONDITIONS

The Tulare Lake Subbasin and greater San Joaquin Valley Groundwater Basin (Groundwater Basin No. 5-22) have been in a state of overdraft for many years and are currently designated as critically overdrafted by DWR.

As defined by SGMA, “A basin is subject to critical overdraft when continuation of present water management practices would probably result in significant adverse overdraft-related environmental, social, or economic impacts.” The estimated average overdraft in the San Joaquin Valley Basin was estimated to be 239,000 AF in 1995 (California Department of Water Resources, 1998, 2020).

In 2015, DWR evaluated California’s groundwater basins for conditions of critical overdraft using available data, reports, and other information to identify basins with obvious and reported adverse impacts. In February 2019, DWR released the final 2018 Basin Boundary Modifications, which affected nine critically overdrafted basins. The modified basins subject to critical conditions of overdraft include the Tulare Lake Subbasin. Critically overdrafted basins were required to adopt and submit GSPs by January 31, 2020, and achieve groundwater sustainability by 2040 (Update 2020 (Bulletin 118)).

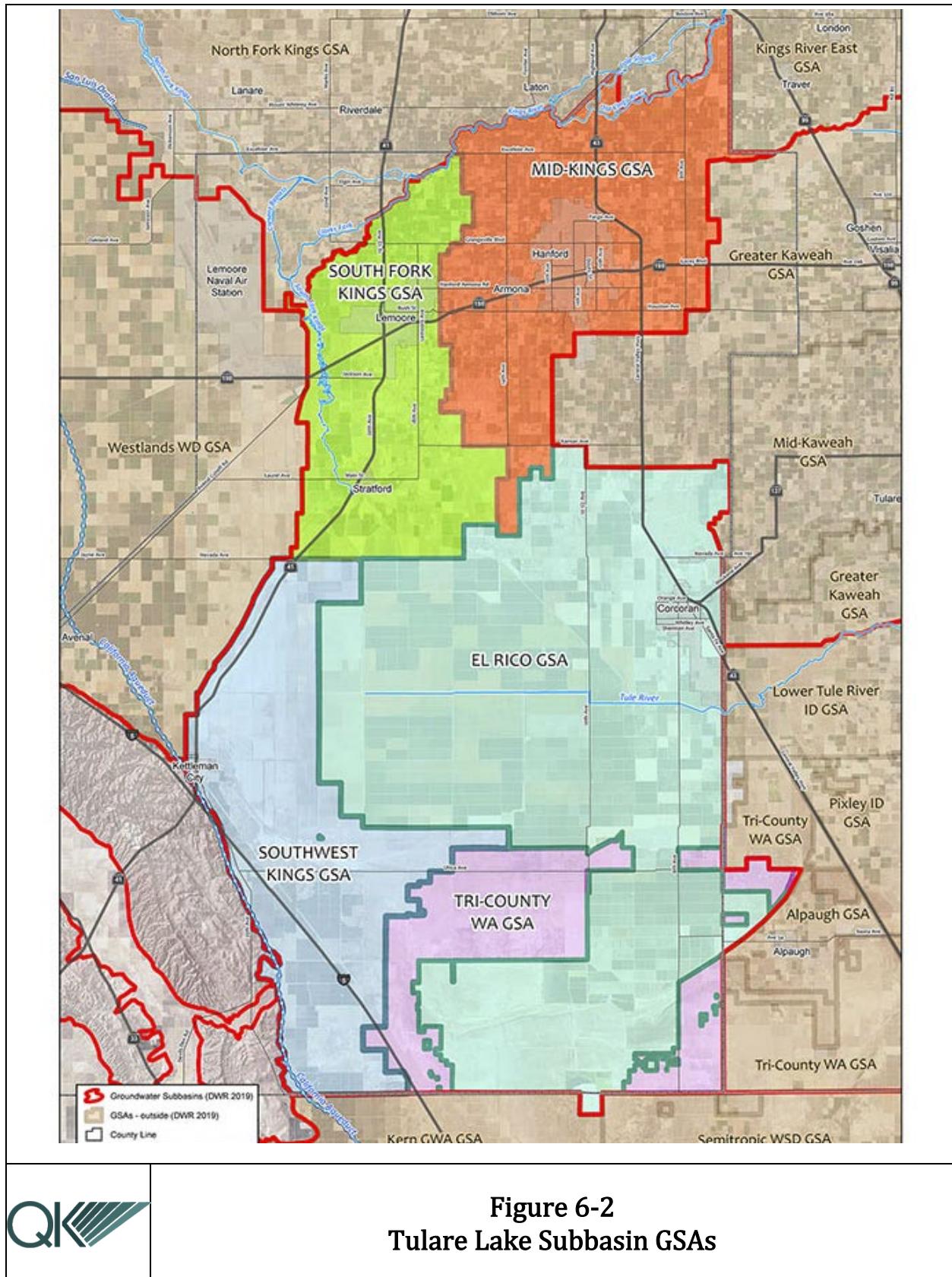
State efforts to manage groundwater use and overdraft and bring basins into balanced levels of pumping and recharge are being implemented through the Sustainable Groundwater Management Act (SGMA). The goal of SGMA is to achieve long-term sustainability in California’s groundwater basins. SGMA directs the DWR to identify groundwater basins and subbasins in conditions of critical overdraft.

The City is located within an area defined by the Kings River Conservation District (KRCD) as Water Management Area (WMA) C in the GWP Update (see Figure 6-3). Historical overdraft data within the area based on 20 representative wells indicated by KRCD show that average groundwater levels have fallen from above 190 feet above mean sea level (msl) to about 120 feet above msl between 1950 and 2005 (Kings River Conservation District, 2005). The following table provides cumulative and average annual overdraft within the WMA C area.

**Cumulative and Average Annual Overdraft in the WMA C Area (1950 – 2005)**

| Area (acres) | Total Overdraft<br>1950 to 2005<br>(AF) | Annual<br>Overdraft 1950<br>to 2005<br>(AF/yr) | Total Overdraft<br>1965 to 2005<br>(AF) | Annual<br>Overdraft 1965<br>to 2005 (AF/yr) |
|--------------|-----------------------------------------|------------------------------------------------|-----------------------------------------|---------------------------------------------|
| 57,328       | 501,000                                 | 9,000                                          | 243,000                                 | 6,000                                       |

Source: (Kings River Conservation District, 2005).



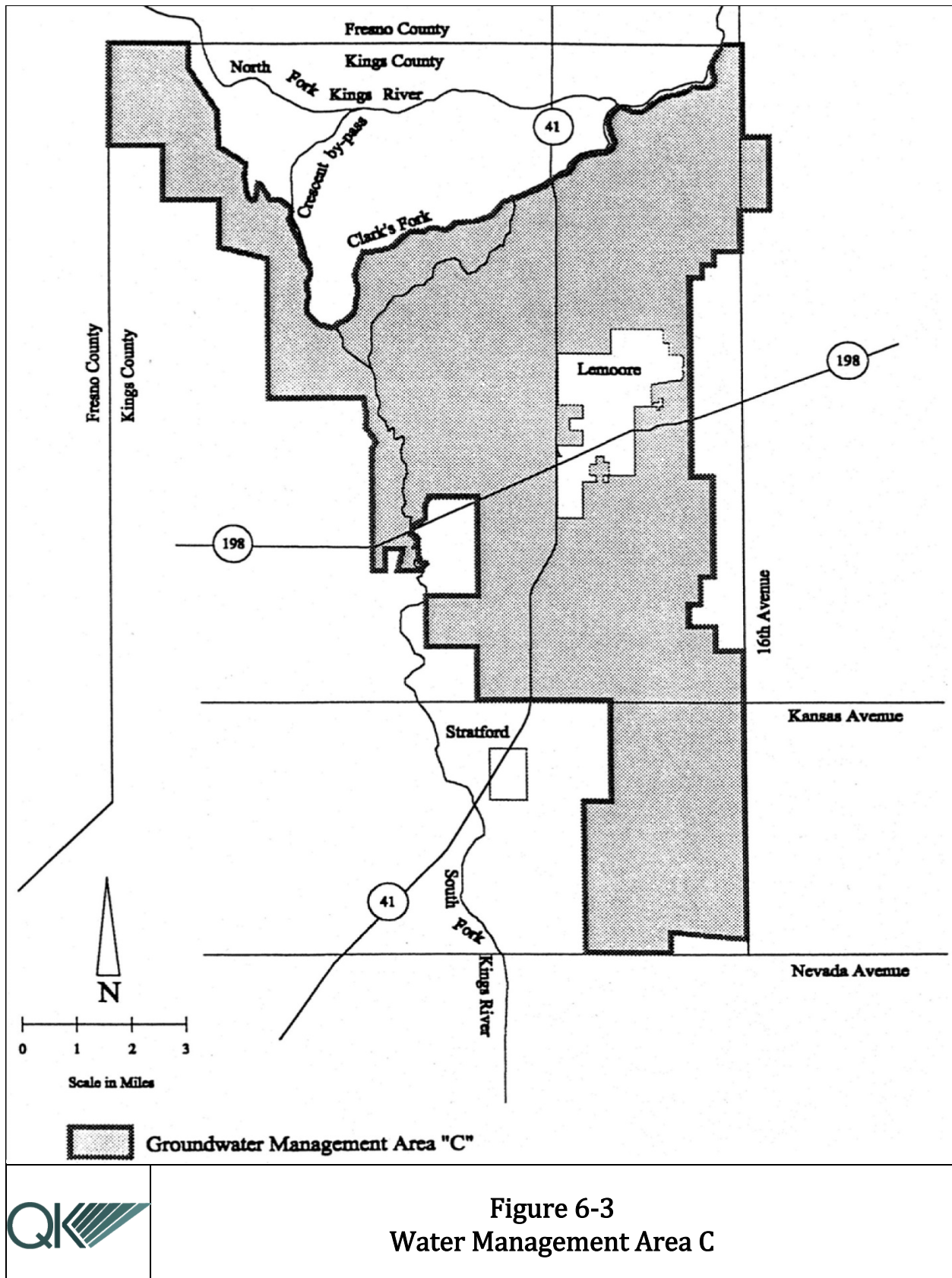
### 6.2.5 - GROUNDWATER PUMPING

The City currently utilizes local groundwater as its sole source of municipal water supply. The City's municipal water system extracts its water supply from underground aquifers via groundwater wells within the City limits (see Figure 3-3) and three active wells in the wellfield approximately five miles north of the City. The City maintains four ground-level storage reservoirs within the distribution system, with a total capacity of 4.4 MG. A detailed discussion of water quality is contained in *Section 7 – Water Supply Reliability Assessment*.

The amount of groundwater pumped by the City over the last five years is shown in Table 6-1. The amount of groundwater projected to be pumped in five-year increments over the next 20 years is shown in Table 4-2 in *Section 4 – System Water Use*. The projected retail demands for potable and raw water shown in the table are supplied solely by groundwater pumping.

**Table 6-1**  
**Retail: Groundwater Volume Pumped**

| Submittal Table 6-1 Retail: Groundwater Volume Pumped                                                                                                                                                                |                                                                                               |                                                               |          |         |          |          |         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------|----------|---------|----------|----------|---------|
| Water Code Section 10631(4) and 10631(4)(c)                                                                                                                                                                          |                                                                                               |                                                               |          |         |          |          |         |
| <input type="checkbox"/>                                                                                                                                                                                             | Check the box if the Supplier does not pump groundwater.<br>Proceed to the next table.        |                                                               |          |         |          |          |         |
| <input type="checkbox"/>                                                                                                                                                                                             | Check the box if all or part of the groundwater described below is desalinated.<br>(OPTIONAL) |                                                               |          |         |          |          |         |
| Groundwater Type<br><b>Drop Down List</b><br>May use each<br>category multiple<br>times                                                                                                                              | Water Type<br>(OPTIONAL)<br><b>Drop down list</b>                                             | Location or Basin<br>Name                                     | 2021     | 2022    | 2023     | 2024     | 2025    |
|                                                                                                                                                                                                                      |                                                                                               |                                                               | (MG)     | (MG)    | (MG)     | (MG)     | (MG)    |
| Add additional rows as needed                                                                                                                                                                                        |                                                                                               |                                                               |          |         |          |          |         |
| Alluvial Basin                                                                                                                                                                                                       | Potable                                                                                       | Subbasin 5-22.14<br>of the Tulare<br>Lake Hydraulic<br>Region | 2491.188 | 1955.87 | 1878.279 | 2116.781 | 2299.69 |
| <b>Total</b>                                                                                                                                                                                                         |                                                                                               |                                                               | 2,491    | 1,956   | 1,878    | 2,117    | 2,300   |
| <b>DWR NOTES:</b><br><b>Units of measure (AF, CCF, MG)</b> must remain consistent throughout the UWMP as reported in Submittal Table 2-3. This table identifies the unit of measure selected in Submittal Table 2-3. |                                                                                               |                                                               |          |         |          |          |         |



### **6.3 - Surface Water**

The City does not draw water from streams, lakes, or reservoirs for use in its potable water distribution system. There are no plans for the City to use surface water as part of its water supply.

### **6.4 - Stormwater**

The City does not intentionally divert stormwater for beneficial use within its potable water distribution system. There are no plans for the City to use stormwater to offset water supply.

### **6.5 - Wastewater or Recycled Water**

*CWC 10633. The plan shall provide, to the extent available, information on recycled water and its potential for use as a water source in the service area of the urban water supplier. The preparation of the plan shall be coordinated with local water, wastewater, groundwater, and planning agencies that operate within the supplier's service area, and shall include all of the following:*

*(a) A description of the wastewater collection and treatment systems in the supplier's service area, including a quantification of the amount of wastewater collected and treated and the methods of wastewater disposal.*

*(b) A description of the quantity of treated wastewater that meets recycled water standards, is being discharged, and is otherwise available for use in a recycled water project.*

*(c) A description of the recycled water currently being used in the supplier's service area, including, but not limited to, the type, place, and quantity of use.*

*(f) A description of actions, including financial incentives, which may be taken to encourage the use of recycled water, and the projected results of these actions in terms of acre-feet of recycled water used per year.*

*(g) A plan for optimizing the use of recycled water in the supplier's service area, including actions to facilitate the installation of dual distribution systems, to promote recirculating uses, to facilitate the increased use of treated wastewater that meets recycled water standards, and to overcome any obstacles to achieving that increased use.*

The City of Lemoore Public Works Department operates a comprehensive wastewater collection, treatment, and disposal system that serves the City. The City's wastewater collection system is comprised of plastic pipelines and 17 pump stations. The City's wastewater treatment plant (WWTP) and Leprino Foods Company's wastewater facilities are in the southwestern portion of the City. The City's WWTP is a secondary treatment facility with a disinfection system that includes headworks, aerated lagoons, and effluent chlorination. The Leprino Foods Company wastewater facilities include secondary-treatment level reactors and effluent storage ponds; the effluent is routed through the City's

lagoons and chlorinated prior to discharge with the rest of the City's treated effluent (City of Lemoore, 2007).

Wastewater from the City's WWTP has historically been reused for agricultural irrigation. Under WDR Order No. 96-050, treated effluent was discharged for reuse on agricultural lands owned by Westlake Farms. In 2018, in response to evolving regulatory requirements and the need for an alternative long-term disposal and reuse option, the City and Leprino developed the Stone Ranch recycled water project, which subsequently expanded into the River Ranch Recycled Water Project.

Pursuant to Central Valley Regional Water Quality Control Board Waste Discharge Requirements Order No. R5-2024-0007, treated effluent from the City's Wastewater Treatment Facility is combined with treated process water from Leprino Foods Company and beneficially reused for agricultural irrigation at the River Ranch property west of the City. Order R5-2024-0007 rescinded and replaced previous Orders 96-050, 98-229, and R5-2019-0008 and authorizes the application of up to 7.0 mgd of combined recycled water for irrigation on approximately 2,416 acres. Recycled water is not currently distributed for municipal uses within the City's municipal service area; however, the River Ranch Recycled Water Project demonstrates the City's existing capability to produce and beneficially reuse recycled water for agricultural purposes.

Influent and effluent wastewater volumes are available in tables 6-2 and 6-3 below.

The total volume of treated effluent discharged by the City in 2025 was 361.74 MG. This volume is significantly lower than the reported influent wastewater volume. This difference is greater than typically expected and may be attributable to a combination of evaporation, lagoon seepage, sludge retention, operational storage, and other treatment-process losses. Additional investigation is underway, including a seepage study intended to better quantify and characterize these losses.

The City does not currently distribute recycled water within its service area and does not anticipate doing so during the 2025 UWMP planning horizon. Therefore, only Tables 6-2, 6-3, and 6-6 have been completed below.

**Table 6-2**  
**Retail: Wastewater Collected Within Service Area in 2025**

| Submittal Table 6-2 Retail: Wastewater Collected Within Service Area in 2025<br>Water Code Section 10633(a)                                                                                                                                                                                                    |                                                                                                 |                                                                                |                                                                                       |                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------|
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                       | Check the box if there is no wastewater collection system.<br>Proceed to the next table.        |                                                                                |                                                                                       |                                                           |
|                                                                                                                                                                                                                                                                                                                | Percentage of 2025 service area served by wastewater collection system<br>(OPTIONAL)            |                                                                                |                                                                                       |                                                           |
|                                                                                                                                                                                                                                                                                                                | Percentage of 2025 service area population served by wastewater collection<br>system (OPTIONAL) |                                                                                |                                                                                       |                                                           |
| Wastewater Collection                                                                                                                                                                                                                                                                                          |                                                                                                 |                                                                                | Recipient of Collected Wastewater                                                     |                                                           |
| Name of Wastewater<br>Collection Agency                                                                                                                                                                                                                                                                        | Wastewater<br>Volume<br>Metered or<br>Estimated?<br>OPTIONAL<br>Drop Down List                  | Volume of<br>Wastewater<br>Collected from<br>UWMP Service<br>Area 2025<br>(MG) | Name of Wastewater<br>Treatment Plant (WWTP) and<br>Place ID Number<br>Drop down list | Is WWTP<br>Located Within<br>UWMP Area?<br>Drop Down List |
| Add additional rows as needed                                                                                                                                                                                                                                                                                  |                                                                                                 |                                                                                |                                                                                       |                                                           |
| City of Lemoore Public<br>Works Dept.                                                                                                                                                                                                                                                                          | Metered                                                                                         | 973                                                                            | Lemoore WWTF, Place ID<br>273120                                                      | Yes                                                       |
| <b>Total Wastewater Received from UWMP<br/>Service Area in 2025:</b>                                                                                                                                                                                                                                           |                                                                                                 | 973                                                                            |                                                                                       |                                                           |
| <b>DWR NOTES: Units of measure (AF, CCF, MG)</b> must remain consistent throughout the UWMP as reported<br>in Submittal Table 2-3. This table identifies the unit of measure selected in Submittal Table 2-3.<br><b>Additional Guidance.</b> See Appendix M, Section M.21 for detailed guidance on this table. |                                                                                                 |                                                                                |                                                                                       |                                                           |

**Table 6-3**  
**Retail: Wastewater Treatment and Outcomes Within UWMP Service Area in 2025**

| Submittal Table 6-3 Retail: Wastewater Treatment and Outcomes Within UWMP Service Area in 2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                   |                                                                                                           |                                            |                                                                       |                |                                                                           |                |                                                                                             |                |                                                                    |                |                                                                                    |                |                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------|-----------------------------------------------------------------------|----------------|---------------------------------------------------------------------------|----------------|---------------------------------------------------------------------------------------------|----------------|--------------------------------------------------------------------|----------------|------------------------------------------------------------------------------------|----------------|----------------------|
| Water Code Section 10633(a)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                   |                                                                                                           |                                            |                                                                       |                |                                                                           |                |                                                                                             |                |                                                                    |                |                                                                                    |                |                      |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Check the box if no wastewater is treated or disposed of within the UWMP service area. Proceed to the next table. |                                                                                                           |                                            |                                                                       |                |                                                                           |                |                                                                                             |                |                                                                    |                |                                                                                    |                |                      |
| Wastewater Treatment Plant Name and Place ID Number<br>Drop down list                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Does This Plant Treat Wastewater Generated Outside the UWMP Service Area? (OPTIONAL)<br>Drop down list            | 2025 Volume of Wastewater Received from UWMP Service Area (As Reported in Submittal Table 6-2 R.)<br>(MG) | Total 2025 Volume of Water Treated<br>(MG) | 2025 Outcomes of Treated Wastewater                                   |                |                                                                           |                |                                                                                             |                |                                                                    |                |                                                                                    |                |                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                   |                                                                                                           |                                            | Water Recycled Within UWMP Service Area<br>(enter data as applicable) |                | Water Recycled Outside of UWMP Service Area<br>(enter data as applicable) |                | Effluent Discharge that is not a Permitted Recycled Water Use<br>(enter data as applicable) |                | Required Discharge for Instream Flow<br>(enter data as applicable) |                | Delivered to Another Entity for Additional Treatment<br>(enter data as applicable) |                |                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                   |                                                                                                           |                                            | Treatment Level<br>Drop down list                                     | Volume<br>(MG) | Treatment Level<br>Drop down list                                         | Volume<br>(MG) | Treatment Level<br>Drop down list                                                           | Volume<br>(MG) | Treatment Level<br>Drop down list                                  | Volume<br>(MG) | Treatment Level<br>Drop down list                                                  | Volume<br>(MG) | Name of other entity |
| Lemoore WWTF, Place ID 273120                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | No                                                                                                                | 973                                                                                                       | 973                                        |                                                                       | -              |                                                                           | -              | Secondary, Disinfected -                                                                    | 1501           |                                                                    | 0              |                                                                                    | 0              |                      |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                   | 973                                                                                                       | 973                                        |                                                                       | 0              |                                                                           | 0              |                                                                                             | 1,501          |                                                                    | 0              |                                                                                    | 0              |                      |
| <b>DWR NOTES:</b><br><b>Units of measure (AF, CCF, MG)</b> must remain consistent throughout the UWMP as reported in Submittal Table 2-3. This table identifies the unit of measure selected in Submittal Table 2-3.<br><b>IPR:</b> Indirect Potable Reuse would have the treatment level of its end use requirement in the Level of Treatment drop-down.<br><b>Additional Guidance:</b> See Appendix M, Section M.21 for detailed guidance on this table.<br><b>NOTES:</b> Effluent totals include 361.74 MG from Lemoore WWTP and 1139.79 MG from Leprino Foods wastewater facilities. |                                                                                                                   |                                                                                                           |                                            |                                                                       |                |                                                                           |                |                                                                                             |                |                                                                    |                |                                                                                    |                |                      |

**Table 6-6**  
**Retail: Methods to Encourage Future Recycled Water Use**

| Submittal Table 6-6 Retail: Methods to Encourage Future Recycled Water Use |                                                                                                                                                                            |
|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Water Code Section 10633 (f)                                               |                                                                                                                                                                            |
| <input checked="" type="checkbox"/>                                        | Check the box if the Supplier does not plan to expand recycled water use in the future. Supplier will not complete the table below but will provide narrative explanation. |

## 6.6 - Desalinated Water Opportunities

*CWC 16031(h). Describe desalinated water project opportunities for long-term supply.*

The City has no feasible opportunity for the development of a water desalination system as a long-term supply. With no nearby or convenient sources of saline water to desalinate, the cost of providing the water and then treating it would outweigh the benefits.

## 6.7 - Exchange and Transfer Opportunities

*CWC 10631(d). Describe the opportunities for exchanges or transfers of water on a short-term or long-term basis.*

The City does not have any planned or potential future water exchanges or transfers.

## 6.8 - Future Water Projects

*CWC 10631(g). Include a description of all water supply projects and water supply programs that may be undertaken by the urban water supplier to meet the total projected water use,*

*as established pursuant to subdivision (a) of Section 10635. The urban water supplier shall include a detailed description of expected future projects and programs that the urban water supplier may implement to increase the amount of the water supply available to the urban water supplier in average, single-dry, and multiple-dry water years. The description shall identify specific projects and include a description of the increase in water supply that is expected to be available from each project. The description shall include an estimate with regard to the implementation timeline for each project or program.*

As shown in Table 6-7 below, the City is not expecting future water supply projects or programs in the near future.

**Table 6-7**  
**Retail: Expected Future Water Supply Projects or Programs**

| <b>Submittal Table 6-7 Retail: Expected Future Water Supply Projects or Programs</b><br><b>Water Code Section 10631 (f)</b> |                                                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/>                                                                                         | Check the box if there are no expected future water supply projects or programs that provide a quantifiable increase to the agency's water supply. Proceed to the next table. |

### ***6.9 - Summary of Existing and Planned Sources of Water***

As discussed above, the City currently relies entirely on groundwater as its water supply, and groundwater is expected to remain the City's primary source of water for the foreseeable future. Groundwater pumping is currently managed at the local level, and the City's groundwater supply is based on observed system performance and production. In 2025, the City produced approximately 2,300 MG of groundwater, which represents the baseline level of supply under current operating conditions.

The supply values presented in Table 6-8 (Total Entitlement) reflect the City's estimated groundwater production capacity under normal operating conditions, including operational headroom above current demand. These values are based on system capabilities, including well capacity and distribution infrastructure, and are intended for planning purposes rather than an established groundwater allocation. The City understands that a safe yield may be established during the next UWMP cycle through SGMA implementation and the local Groundwater Sustainability Agency (GSA) standards.

Per Bulletin 118, the Tulare Lake Subbasin contains a substantial volume of groundwater in storage. However, only a portion of this resource is practically available for municipal use by the City due to limitations related to well locations, infrastructure capacity, aquifer conditions, and water quality considerations. While groundwater remains available within the Subbasin, long-term production levels will be influenced by hydrologic conditions, well performance, and regulatory constraints associated with SGMA.

While groundwater remains the City's primary potable water supply source, the City also participates in the River Ranch Recycled Water Project pursuant to WDR Order R5-2024-0007, as previously discussed in Section 6.5. Through this project, treated municipal wastewater from the City's Wastewater Treatment Facility is beneficially reused for agricultural irrigation west of the City in partnership with Leprino Foods Company. Although recycled water is not currently distributed within the City's service area, the project demonstrates the City's existing recycled water production and reuse capabilities and may support future expansion of non-potable reuse applications.

The City is in the process of upgrading existing water meters to Advanced Metering Infrastructure (AMI) devices, which enable automated collection and transmission of water use data. The system supports informed water use decisions and improves the City's ability

to implement targeted conservation programs, manage peak demands, and reduce water losses.

The City is exploring the use of recycled water as a tertiary source for non-potable irrigation applications, including the local golf course, commercial uses, and purple pipe systems serving recreational facilities. The City is also evaluating potential coordination opportunities with the Lemoore Naval Air Station. These applications may provide opportunities to reduce potable water demand while supporting overall supply reliability.

**Table 6-8**  
**Retail: Water Supplies – Actual**

| Submittal Table 6-8 Retail: Water Supplies — 2025 Actual<br>Water Code Section 10631 (b)                                                                               |                                          |                                                                                          |                      |                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------------------------------------------------------------|----------------------|-----------------------------------------------------------------|
| Water Supply                                                                                                                                                           | Additional<br>Description<br>(as needed) | 2025                                                                                     |                      |                                                                 |
| <b>Drop down list</b><br>May use each category multiple times. These are the only water supply categories that will be recognized by the WUEdata online submittal tool |                                          | <b>Water Type</b><br>(after treatment if treated)<br>(OPTIONAL)<br><b>Drop Down list</b> | <b>Actual Volume</b> | <b>Total Entitlement</b><br>(OPTIONAL)<br>See "DWR Notes" below |
|                                                                                                                                                                        |                                          |                                                                                          | (MG)                 | (MG)                                                            |
| Add additional rules as needed                                                                                                                                         |                                          |                                                                                          |                      |                                                                 |
| Groundwater (not desalinated)                                                                                                                                          |                                          | Potable                                                                                  | 2,300                | 2,700                                                           |
| Subtotal Potable                                                                                                                                                       |                                          |                                                                                          | 2,300                | 2,700                                                           |
| Subtotal Non-Potable                                                                                                                                                   |                                          |                                                                                          | 0                    | 0                                                               |
| Total                                                                                                                                                                  |                                          |                                                                                          | 2,300                | 2,700                                                           |

For the same reasons discussed above, it is assumed that the projected groundwater supply available to the City is also 2,300 for this year, up to 2,700 through 2035, after which the projected available supply will be reduced to 2,400 by 2050 (see Table 6-9). Actual projected groundwater water supply may change during the next UWMP cycle in response to the results of GSPs developed in the Tulare Lake Subbasin to comply with SGMA.

**Table 6-9**  
**Retail: Water Supplies – Projected**

| Submittal Table 6-9 Retail: Water Supplies — Projected<br>Water Code Section 10631 (b)                                                                                         |                                                    |                                                                               |                                                           |                                                                |                                   |                                                                |                                   |                                                                |                                   |                                                                |                                   |                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|-----------------------------------|----------------------------------------------------------------|-----------------------------------|----------------------------------------------------------------|-----------------------------------|----------------------------------------------------------------|-----------------------------------|----------------------------------------------------------------|
| Water Supply                                                                                                                                                                   | Additional<br>Detail on<br>Water<br>Supply         | Water Type<br>(after treatment if<br>treated)<br>(OPTIONAL)<br>Drop Down list | Projected Water Supply (Report to the Extent Practicable) |                                                                |                                   |                                                                |                                   |                                                                |                                   |                                                                |                                   |                                                                |
| Drop down list<br>May use each category<br>multiple times. These are the<br>only water supply categories<br>that will be recognized by the<br>WUEdata online submittal<br>tool |                                                    |                                                                               | 2030                                                      |                                                                | 2035                              |                                                                | 2040                              |                                                                | 2045                              |                                                                | 2050 (opt)                        |                                                                |
|                                                                                                                                                                                |                                                    |                                                                               | Reasonably<br>Available<br>Volume                         | Total<br>Entitlement<br>(OPTIONAL)<br>See "DWR Notes"<br>below | Reasonably<br>Available<br>Volume | Total<br>Entitlement<br>(OPTIONAL)<br>See "DWR Notes"<br>below | Reasonably<br>Available<br>Volume | Total<br>Entitlement<br>(OPTIONAL)<br>See "DWR Notes"<br>below | Reasonably<br>Available<br>Volume | Total<br>Entitlement<br>(OPTIONAL)<br>See "DWR Notes"<br>below | Reasonably<br>Available<br>Volume | Total<br>Entitlement<br>(OPTIONAL)<br>See "DWR Notes"<br>below |
|                                                                                                                                                                                |                                                    |                                                                               | (MG)                                                      | (MG)                                                           | (MG)                              | (MG)                                                           | (MG)                              | (MG)                                                           | (MG)                              | (MG)                                                           | (MG)                              | (MG)                                                           |
| Add additional rows as needed                                                                                                                                                  |                                                    |                                                                               |                                                           |                                                                |                                   |                                                                |                                   |                                                                |                                   |                                                                |                                   |                                                                |
| Groundwater (not<br>desalinated)                                                                                                                                               | Tulare Lake<br>Subbasin<br>South Fork<br>Kings GSA | Potable                                                                       | 2,700                                                     | 2,700                                                          | 2,700                             | 2,700                                                          | 2,600                             | 2,650                                                          | 2,500                             | 2,600                                                          | 2,400                             | 2,500                                                          |
| Subtotal Potable                                                                                                                                                               |                                                    |                                                                               | 2,700                                                     | 2,700                                                          | 2,700                             | 2,700                                                          | 2,600                             | 2,650                                                          | 2,500                             | 2,600                                                          | 2,400                             | 2,500                                                          |
| Subtotal Non-Potable                                                                                                                                                           |                                                    |                                                                               | 0                                                         | 0                                                              | 0                                 | 0                                                              | 0                                 | 0                                                              | 0                                 | 0                                                              | 0                                 | 0                                                              |
| Total                                                                                                                                                                          |                                                    |                                                                               | 2,700                                                     | 2,700                                                          | 2,700                             | 2,700                                                          | 2,600                             | 2,650                                                          | 2,500                             | 2,600                                                          | 2,400                             | 2,500                                                          |

## 6.10 - Energy Use

*Water Code Section 10631.2. (a) In addition to the requirements of Section 10631, an urban water management plan shall include any of the following information that the urban water supplier can readily obtain:*

- A. An estimate of the amount of energy used to extract or divert water supplies.*
- B. An estimate of the amount of energy used to convey water supplies to the water treatment plants or distribution systems.*
- C. An estimate of the amount of energy used to treat water supplies.*
- D. An estimate of the amount of energy used to distribute water supplies through its distribution systems.*
- E. An estimate of the amount of energy used for treated water supplies in comparison to the amount used for nontreated water supplies.*
- F. An estimate of the amount of energy used to place water into or withdraw from storage.*
- G. Any other energy-related information the urban water supplier deems appropriate.*

Readily-available Energy Use information from the City includes a summary of energy use per month and for an average year, indicated in the Table below. The tabulated data includes the summed energy usage from individual well sites, as part of the City's water distribution system, and the wastewater treatment facility.

#### City of Lemoore - Available Energy Use Information

| Month               | Megawatthours<br>(MWh) |
|---------------------|------------------------|
| January             | 179                    |
| February            | 264                    |
| March               | 70                     |
| April               | 73                     |
| May                 | 29                     |
| June                | 125                    |
| July                | 75                     |
| August              | 210                    |
| September           | 132                    |
| October             | 115                    |
| November            | 136                    |
| December            | 150                    |
| <b>Total Annual</b> | <b>1558</b>            |

## SECTION 7 - WATER SUPPLY RELIABILITY ASSESSMENT

*CWC 10634. The plan shall include information, to the extent practicable, relating to the quality of existing sources of water available to the supplier over the same five-year increments as described in subdivision (a) of Section 10631, and the manner in which water quality affects water management strategies and supply reliability.*

All UWMPs must include an assessment of the reliability of their water supplies. The water supply and demand assessment must compare the total projected water use with the projected water supply, in five-year increments, through the next 20 years. This section presents a comparison of the water demands and supplies within the City's service area and assesses supply versus demand during normal years, single-dry water years, and multiple-dry water years. This section describes the long-term reliability of Lemoore's water supply while *Section 8 – Water Shortage Contingency Planning* provides short-term reliability planning that may require immediate action, such as a drought or a catastrophic supply interruption.

### **7.1 - Constraints on Water Sources**

*CWC 10631(c)(2). For any water source that may not be available at a consistent level of use, given specific legal, environmental, water quality, or climatic factors, describe plans to supplement or replace that source with alternative sources or water demand management measures, to the extent practicable.*

The City obtains 100% of its potable water supply from groundwater pumping. The available groundwater production capacity is expected to be sufficient to meet projected demands under average conditions. While groundwater remains physically available, production capacity and long-term availability may be affected by hydrologic conditions, well performance, and regulatory constraints, including requirements under SGMA.

Based on water use trends, system demand, and the estimated volume of groundwater accessible to City wells at various depths, the City's available groundwater supply under normal operating conditions is estimated at approximately 2,600 MG (see Table 6-8). This estimate reflects the City's existing and planned groundwater production capacity and provides operational headroom above current use. Actual long-term groundwater production will be subject to sustainable yield and pumping allocations established through implementation of the Sustainable Groundwater Management Act (SGMA) by the local Groundwater Sustainability Agency.

Because the City relies entirely on groundwater wells, drawdown may increase during drought years and periods of high temperatures. Prolonged dry conditions in the central San Joaquin Valley over the past decade have resulted in measurable groundwater level declines in some areas. While groundwater is expected to remain available over the UWMP planning horizon, increased pumping depths and reduced well efficiency may occur, and additional conservation measures consistent with SGMA requirements may be necessary. The City has

watering regulations in place to ensure water conservation and provide education to all customers. These regulations can be found on the City's website.

Compliance with SGMA and the local GSA may require the City to develop alternative sources of water or implement additional management measures based on groundwater sustainability planning.

From a water quality perspective, the City's water system includes six active groundwater wells within the City limits (see Figure 3-3) and three in a wellfield approximately five miles north of the City. The City produces an annual water quality report required by the California State Department of Health Services. The report summarizes the water quality sampling results for 2024 for all water customers. The data collected, though representative, is more than a year old with data that ranged from 2018 to 2024.

Based on the *2024 City of Lemoore Water Quality Consumer Confidence Report* (City of Lemoore, 2024), the City's water system recently failed a drinking water monitoring requirement, with exceedance of the MCL for TTHMs in 2024. Compliance with the total trihalomethane (TTHM) maximum contaminant level (MCL) was based on a running annual average of four sample locations. The MCL for TTHMs is 0.080 mg/L. 2020 TTHM monitoring shows the City's water system's locational running annual average (LRAA) exceeded the MCL level of 80 µg/L at three sample sites.

The City regularly submits water quality reports to the state waterboard, which indicate water quality results by well. These are available online:

<https://sdwis.waterboards.ca.gov/PDWW/index.jsp>

A Compliance Order has been issued, and construction of two water treatment plants (Treatment Stations #7 and #11) is underway with completion anticipated by 2027. The City of Lemoore will continue to update a quarterly corrective action plan for TTHMs until the water treatment plants start operation.

## **7.2 - Reliability by Type of Year**

*CWC 10620(f). An urban water supplier shall describe in the plan water management tools and options used by that entity that will maximize resources and minimize the need to import water from other regions.*

*CWC 10631(c)(1). Describe the reliability of the water supply and vulnerability to seasonal or climatic shortage, to the extent practicable, and provide data for each of the following:*

*(A) An average water year.*

*(B) A single-dry water year.*

*(C) Multiple-dry water years.*

There are two aspects of supply reliability that can be considered. The first relates to immediate service needs and is primarily a function of the availability and adequacy of the supply facilities. The second aspect is climate-related and involves the availability of water during mild or severe drought periods. This section compares water supplies and demands during three water scenarios: average or normal water year, single-dry water year, and multiple-dry water years. These scenarios are defined as follows:

- Average year – a year, or an averaged range of years, that most closely represents the median runoff levels and patterns. The supply quantities for this condition are derived from historical average yields. Within this document, the terms “normal” and “average” are used interchangeably.
- Single-dry year – the year with the lowest water supply availability. Generally considered to be the lowest annual runoff for a watershed since the water year beginning in 1903.
- Multiple-dry years – the lowest average water supply availability to the agency for a consecutive multiple year period (three years or more). Generally considered to be the lowest average runoff for a consecutive multiple year period (three years or more) for a watershed since 1903.

Drought years for the hydrologic region can be determined by referencing DWR's Chronological Reconstructed Sacramento and San Joaquin Valley Water Year Hydrologic Classification Indices 1995 to 2025 (WSIHIST) (California Department of Water Resources, 2016). The City is currently experiencing a multiple-dry year cycle, which started in 2012 and has continued through 2015. Within this multiple-dry year period, the City still could meet all its water demands without the need to implement water management tools. Also, the impact of an extreme single-dry year such as 2015 did not impact the ability of the City to meet all its water demands. Supply reliability for average water years such as 2024 and multiple-dry and single-dry years is shown in Table 7-1. The reliability of water service, which is subject to proper operation and maintenance of the City's water distribution system and its ability to deliver the water, is discussed in *Section 6 – System Supplies*.

The City's groundwater supply is generally reliable under normal conditions; however, reliability is reduced under prolonged dry conditions and future regulatory constraints. There are no current plans to supplement or replace the existing groundwater source available to the City with alternative sources or water demand management measures. However, as part of the South Kings Fork GSA, the City understands SGMA regulations and goals and will continue to implement and expand its water conservation measures and management accordingly.

**Table 7-1**  
**Retail: Basis of Water Year Data**

| Year Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Base Year<br>If not using a calendar year, type in the last year of the fiscal, water year, or range of years, for example, water year 2024-2025, use 2025 | Available Supplies if Year Type Repeats                                                                      |                                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                            | <input type="checkbox"/>                                                                                     | Check the box if quantification of available supplies is not compatible with this table and is provided elsewhere in the UWMP.<br><b>Location:</b> [insert location from UWMP] |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                            | Quantification of available supplies is provided in this table as either volume only, percent only, or both. |                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                            | Volume Available                                                                                             | % of Average Supply                                                                                                                                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                            | MG                                                                                                           |                                                                                                                                                                                |
| Average Year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2024                                                                                                                                                       | 2,700                                                                                                        | 100%                                                                                                                                                                           |
| Single-Dry Year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2020                                                                                                                                                       | 2550                                                                                                         | 100%                                                                                                                                                                           |
| Consecutive Dry Years 1st Year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2020                                                                                                                                                       | 2550                                                                                                         | 100%                                                                                                                                                                           |
| Consecutive Dry Years 2nd Year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2021                                                                                                                                                       | 2450                                                                                                         | 100%                                                                                                                                                                           |
| Consecutive Dry Years 3rd Year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2022                                                                                                                                                       | 2450                                                                                                         | 100%                                                                                                                                                                           |
| Consecutive Dry Years 4th Year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2023                                                                                                                                                       | 2700                                                                                                         | 100%                                                                                                                                                                           |
| Consecutive Dry Years 5th Year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2024                                                                                                                                                       | 2700                                                                                                         | 100%                                                                                                                                                                           |
| <b>DWR NOTES:</b> Supplier may use multiple versions of Submittal Table 7-1 R if different water sources have different base years and the supplier chooses to report the base years for each water source separately. If a Supplier uses multiple versions of Submittal Table 7-1 R, in the "Note" section of each submittal table, state that multiple versions of Submittal Table 7-1 R are being used and identify the particular water source that is being reported in each submittal table.<br><b>Units of measure (AF, CCF, MG)</b> must remain consistent throughout the UWMP as reported in Submittal Table 2-3. This table reports the units of measure reported in Submittal Table 2-3. |                                                                                                                                                            |                                                                                                              |                                                                                                                                                                                |

### 7.3 - Supply and Demand Assessment

*10635(a). Every urban water supplier shall include, as part of its urban water management plan, an assessment of the reliability of its water service to its customers during normal, dry, and multiple-dry water years. This water supply and demand assessment shall compare the total water supply sources available to the water supplier with the total projected water use over the next 20 years, in five-year increments, for a normal water year, a single-dry water year, and multiple-dry water years. The water service reliability assessment shall be based upon the information compiled pursuant to Section 10631, including available data from state, regional, or local agency population projections within the service area of the urban water supplier.*

#### 7.3.1 - AVERAGE (OR NORMAL) YEAR

Normal year supply and demand projections and differences are presented in Table 7-2.

**Table 7-2**  
**Retail: Normal Year Supply and Demand Comparison**

| <b>Submittal Table 7-2 Retail: Normal Year Supply and Demand Comparison</b> |       |       |       |       |
|-----------------------------------------------------------------------------|-------|-------|-------|-------|
|                                                                             | 2025  | 2030  | 2035  | 2040  |
| Supply totals<br>(autofill from Table 6-9)                                  | 2,700 | 2,700 | 2,700 | 2,700 |
| Demand totals<br>(autofill from Table 4-3)                                  | 2,405 | 2,516 | 2,579 | 2,678 |
| Difference                                                                  | 295   | 184   | 121   | 22    |

\* Units of Measure: MG (Million Gallons, consistent throughout UWMP)

Although projected supply is expected to meet demands under most conditions, long-term reliability is influenced by groundwater management requirements and hydrologic variability within the Tulare Lake Subbasin. The narrow margin between projected demand and available supply reinforces the importance of conservation measures, groundwater sustainability actions, and continued evaluation of alternative water supply opportunities.

### **7.3.2 - SINGLE-DRY YEAR**

Projected supplies were compared to the increased demands for a single-dry year and are presented in Table 7-3.

**Table 7-3**  
**Retail: Single-Dry Year Supply and Demand Comparison**

| Submittal Table 7-3 Retail: Single Dry Year Supply and Use Comparison<br>Water Code Section 10635(a) |       |       |       |       |            |
|------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|------------|
|                                                                                                      | 2030  | 2035  | 2040  | 2045  | 2050 (Opt) |
|                                                                                                      | (MG)  | (MG)  | (MG)  | (MG)  | (MG)       |
| Supply totals                                                                                        | 2,550 | 2,550 | 2,550 | 2,550 |            |
| Use totals                                                                                           | 2,525 | 2,642 | 2,708 | 2,812 |            |
| Surplus/(shortfall)                                                                                  | 25    | (92)  | (158) | (262) |            |

\* Units of Measure: MG (Million Gallons, consistent throughout UWMP)

As shown in Table 7-3, anticipated groundwater supplies are generally sufficient to meet projected demands under single-dry year conditions. However, as demand continues to increase and groundwater conditions are influenced by reduced recharge, hydrologic variability, and regulatory constraints under SGMA, supply margins narrow in later years and may result in potential shortfalls.

These potential shortages would be addressed through implementation of the City's Water Shortage Contingency Plan (WSCP), including staged demand reductions and conservation measures. Continued demand management efforts will be important to maintain system reliability, and the relationship between projected supply and demand is expected to evolve as basin management measures and groundwater sustainability requirements are further defined and implemented.

### **7.3.3 - MULTIPLE-DRY YEARS**

Projected supplies were compared to the increased demands for various multiple-dry year scenarios and are presented in Table 7-4. For planning purposes, the supply values shown are held constant across the five-year drought sequence; however, actual conditions may further reduce production due to declining groundwater levels, reduced well efficiency, and regulatory limitations under SGMA.

**Table 7-4**  
**Retail: Multiple-Dry Years Supply and Demand Comparison**

| Submittal Table 7-4 Retail: Multiple Dry Years Supply and Use Comparison<br>Water Code Section 10635(a)                  |                     |       |       |       |       |            |
|--------------------------------------------------------------------------------------------------------------------------|---------------------|-------|-------|-------|-------|------------|
|                                                                                                                          |                     | 2030  | 2035  | 2040  | 2045  | 2050 (Opt) |
|                                                                                                                          |                     | (MG)  | (MG)  | (MG)  | (MG)  | (MG)       |
| First year                                                                                                               | Supply totals       | 2,450 | 2,450 | 2,450 | 2,450 |            |
|                                                                                                                          | Use totals          | 2,525 | 2,642 | 2,708 | 2,812 |            |
|                                                                                                                          | Surplus/(shortfall) | (75)  | (192) | (258) | (362) | 0          |
| Second year                                                                                                              | Supply totals       | 2,450 | 2,450 | 2,450 | 2,450 |            |
|                                                                                                                          | Use totals          | 2,525 | 2,642 | 2,708 | 2,812 |            |
|                                                                                                                          | Surplus/(shortfall) | (75)  | (192) | (258) | (362) | 0          |
| Third year                                                                                                               | Supply totals       | 2,450 | 2,450 | 2,450 | 2,450 |            |
|                                                                                                                          | Use totals          | 2,525 | 2,642 | 2,708 | 2,812 |            |
|                                                                                                                          | Surplus/(shortfall) | (75)  | (192) | (258) | (362) | 0          |
| Fourth year                                                                                                              | Supply totals       | 2,450 | 2,450 | 2,450 | 2,450 |            |
|                                                                                                                          | Use totals          | 2,525 | 2,642 | 2,708 | 2,812 |            |
|                                                                                                                          | Surplus/(shortfall) | (75)  | (192) | (258) | (362) | 0          |
| Fifth year                                                                                                               | Supply totals       | 2,450 | 2,450 | 2,450 | 2,450 |            |
|                                                                                                                          | Use totals          | 2,525 | 2,642 | 2,708 | 2,812 |            |
|                                                                                                                          | Surplus/(shortfall) | (75)  | (192) | (258) | (362) | 0          |
| DWR NOTES: Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Submittal Table 2-3. |                     |       |       |       |       |            |
| NOTES:                                                                                                                   |                     |       |       |       |       |            |

\* Units of Measure: MG (Million Gallons, consistent throughout UWMP)

As shown in Table 7-4, under multiple-dry year conditions, groundwater availability is further constrained due to prolonged reductions in recharge and increased regional demand, while water use remains elevated due to sustained dry conditions. As a result, projected demand exceeds available supply through the planning horizon.

These conditions represent a conservative planning scenario intended to evaluate system performance under prolonged drought stress. Potential shortages would be managed through implementation of the City's Water Shortage Contingency Plan, including staged demand reductions, conservation measures, and operational adjustments. Continued demand management efforts and future groundwater sustainability actions under SGMA will be critical to maintaining long-term supply reliability.

### **7.4 - Drought Risk Assessment**

CWC 10635

*(b) Every urban water supplier shall include, as part of its urban water management plan, a drought risk assessment for its water service to its customers as part of information considered in developing the demand management measures and water supply projects and programs to be included in the urban water management plan...The drought risk assessment shall include each of the following:*

*(1) A description of the data, methodology, and basis for one or more supply shortage conditions that are necessary to conduct a drought risk assessment for a drought period that lasts five consecutive water years, starting from the year following when the assessment is conducted.*

*(2) A determination of the reliability of each source of supply under a variety of water shortage conditions. This may include a determination that a particular source of water supply is fully reliable under most, if not all, conditions.*

*(3) A comparison of the total water supply sources available to the water supplier with the total projected water use for the drought period.*

*(4) Considerations of the historical drought hydrology, plausible changes on projected supplies and demands under climate change conditions, anticipated regulatory changes, and other locally applicable criteria.*

The City's drought risk assessment is based on an evaluation of water supply-shortage conditions for a five-year drought scenario. The assessment typically incorporates historical hydrologic records, groundwater production trends, and source-specific reliability information to establish baseline supply conditions and potential constraints under prolonged dry periods.

Because the City of Lemoore relies exclusively on groundwater for its municipal water supply, the evaluation of water shortage stages centers on how prolonged drought

conditions may affect groundwater availability—such as declining well yields or lowered groundwater levels—and on comparing these changes to anticipated demands for each year of the five-year drought sequence. The analysis also incorporates longer-term stressors relevant to a groundwater-only system, including historical drought patterns, climate-driven impacts on aquifer recharge, and potential regulatory constraints associated with groundwater sustainability requirements. Projected total supplies and projected total water use for the next five years are presented in Table 7-5.

**Table 7-5**  
**Retail: Five-Year Drought Risk Assessment**

| Submittal Table 7-5 Retail: Five-Year Drought Risk Assessment<br>Water Code Section 10635(b)(3)                                 |      |       |
|---------------------------------------------------------------------------------------------------------------------------------|------|-------|
| 2026                                                                                                                            |      | Total |
| Total Water Use                                                                                                                 | (MG) | 2,321 |
| Total Supplies                                                                                                                  | (MG) | 2,600 |
| Surplus/Shortfall w/o WSCP Action                                                                                               |      | 279   |
| 2027                                                                                                                            |      | Total |
| Total Water Use                                                                                                                 | (MG) | 2,342 |
| Total Supplies                                                                                                                  | (MG) | 2,600 |
| Surplus/Shortfall w/o WSCP Action                                                                                               |      | 258   |
| 2028                                                                                                                            |      | Total |
| Total Water Use                                                                                                                 | (MG) | 2,363 |
| Total Supplies                                                                                                                  | (MG) | 2,600 |
| Surplus/Shortfall w/o WSCP Action                                                                                               |      | 237   |
| 2029                                                                                                                            |      | Total |
| Total Water Use                                                                                                                 | (MG) | 2,384 |
| Total Supplies                                                                                                                  | (MG) | 2,600 |
| Surplus/Shortfall w/o WSCP Action                                                                                               |      | 216   |
| 2030                                                                                                                            |      | Total |
| Total Water Use                                                                                                                 | (MG) | 2,405 |
| Total Supplies                                                                                                                  | (MG) | 2,600 |
| Surplus/Shortfall w/o WSCP Action                                                                                               |      | 195   |
| <b>DWR NOTES: Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Submittal Table 2-3.</b> |      |       |

## SECTION 8 - WATER SHORTAGE CONTINGENCY PLANNING

*CWC 10632(a). The plan shall provide an urban water shortage contingency analysis that includes each of the following elements that are within the authority of the urban water supplier:*

*(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 that are applicable to each stage.*

*(2) An estimate of the minimum water supply available during each of the next three water years based on the driest three-year historic sequence for the agency's water supply.*

*(3) Actions to be undertaken by the urban water supplier to prepare for, and implement during, a catastrophic interruption of water supplies including, but not limited to, a regional power outage, an earthquake, or another disaster.*

*(4) Additional, mandatory prohibitions against specific water use practices during water shortages, including, but not limited to, prohibiting the use of potable water for street cleaning.*

*(5) Consumption reduction methods in the most restrictive stages. Each urban water supplier may use any type of consumption reduction method in its water shortage contingency analysis that would reduce water use, is appropriate for its area, and has the ability to achieve a water use reduction consistent with up to a 50 percent reduction in water supply.*

*(6) Penalties or charges for excessive use, where applicable.*

*(7) An analysis of the impacts of each of the actions and conditions described in paragraphs (1) to (6), inclusive, on the revenues and expenditures of the urban water supplier, and proposed measures to overcome those impacts, such as the development of reserves and rate adjustments.*

*(8) A draft water shortage contingency resolution or ordinance.*

*(9) A mechanism for determining actual reductions in water use pursuant to the urban water shortage contingency analysis.*

*CWC 10632(b). Commencing with the urban water management plan update due July 1, 2016, for purposes of developing the water shortage contingency analysis pursuant to subdivision (a), the 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 Urban Water Management Planning Act of 1983 requires water agencies to incorporate a water shortage contingency plan (WSCP) focusing on the allocation of water supplies and the management of water consumption during periods of shortage due to extended drought or a water emergency. This section describes the City's policies and ordinances to deal with water shortages. The City's water supply comes solely from groundwater pumping. As discussed in *Section 7 – Water Supply Reliability Assessment*, the City's groundwater supply is generally reliable under normal conditions; however, reliability is reduced under prolonged dry conditions and future regulatory constraints under SGMA.

The City's WSCP illustrates specific water supply conditions that trigger the activation of voluntary and mandatory rationing efforts. It explains what the ability is to meet projected short-term demands during extended dry periods and emphasizes some of the significant proactive measures that enhance the City's ability to respond to interruptions in water supply should a natural or manmade disaster occur. The contingency plan outlines the planned response to failures in the infrastructure of the water system in the event of an earthquake, extensive power outage, or another catastrophic event. Finally, this section provides details about prohibitions and penalties against specific water uses during water shortages and evaluates potential impacts to the water funds should water sales decrease because of supply shortages.

On July 7, 2015, the City enacted standard water conservation measures per Title 7 (Public Ways and Property), Chapter 7 (Water and Sewer Regulations), Article E (Water Conservation) of the City's Code, as *Ordinance No. 2015-06, An Urgency Ordinance of the City Council of the City of Lemoore Amending Article E of Chapter 7 or Title 7 of the Lemoore Municipal Code Related to the City's Water Conservation Plan*. Specifically, Article E of the City's Code states:

**7-7E-1: STANDARD WATER CONSERVATION MEASURES:**

- A. Definitions: Unless the context requires otherwise, the following definitions shall be used in the interpretation and construction of this section:

DIRECTOR: The Director of Public Works of the City of Lemoore.

PERSON: Any individual, firm, partnership, association, corporation or political entity.

WATER: Any water obtained from the Water Department of the City of Lemoore.

- B. Application of Regulations: The provisions of this section shall apply to all persons using City-supplied water, both inside and outside of the City limits.
- C. Regulations: In the use of water supplied by the City of Lemoore, the following requirements shall apply:

1. No person shall keep, maintain, operate, or use any water connection, hose, faucet, hydrant, pipe, outlet, or plumbing fixture that is not tight and free from leakage, dripping, or waste of water.
2. No person shall allow excessive water to run or waste from his property onto streets, highways, or adjacent property.
3. No person shall willfully or negligently wastewater in any manner.
4. Outdoor watering for those with even-numbered addresses will be permitted on Tuesday, Thursday, and Saturday, while odd-numbered addresses may water on Wednesday, Friday, and Sunday. Monday will be a day on which no outdoor watering is allowed.
5. The public works director may grant a 30-day exception for new lawns not yet established.
6. Prohibition of draining of swimming pools with a capacity in excess of 5,000 gallons more than once every two years, except for structural repairs or to comply with public health standards determined by the county health officer. Residents with private swimming pools shall file a written application for a permit prior to draining their pools with the Public Works Department. The application shall include information as to the reason for draining the pool and in case of repairs, the nature and duration of repairs to be made, and the date on which the pool will be drained.
7. Washing of exterior asphalt or concrete areas is prohibited except for those businesses that are governed by the Food and Drug Administration or state or county health department requirements that require these areas to be washed for health purposes. Documentation indicating such regulations must be provided to the Director.
8. The use of water for washing cars, boats, or other vehicles is prohibited without the use of a quick-acting positive shutoff nozzle on the hose and the use of buckets for washing with water from the hose used for light rinsing. These regulations apply to residential customers. Car washes for fundraising events are prohibited.
9. Sprinkle, irrigate, or otherwise apply water to any yard, ground, premises, or vegetation on any day of the week between the hours of 10:00 a.m. and 7:00 p.m. during periods designated as "daylight savings time" (generally occurring between March and November).
10. Operate water fountains or other decorative water fixtures without recirculation pumps.
11. All new construction and remodeling or additions to habitable areas with a valuation in excess of \$5,000.00 will be required to install or replace existing faucets and showerheads with low-flow devices and toilets with ultra-low-flow units. (Ord. 2015-06, 7-7-2015)

**7-7E-2: WATER EFFICIENT LANDSCAPE ORDINANCE ADOPTED:**

This section should be known as “an ordinance of the City of Lemoore adopting the California model water efficient landscape ordinance, California Code of Regulations, Title 23, Division 2, Chapter 2.7” and any amendments thereto by reference. (Ord. 2015-06, 7-7-2015)

**7-7E-3: FINDINGS OF NECESSITY:**

It is necessary to minimize the potential for water shortage through the practice of water conservation pursuant to the provisions of California Water Code Section 375 et seq. It is further necessary to reduce the potential effect of a water shortage on the residents, businesses, and visitors of Lemoore and to adopt provisions that will significantly reduce the inefficient consumption of water, thereby extending the available water resources necessary for the domestic, sanitation, and fire protection of the community to the greatest extent possible. Nothing in this chapter shall prevent the City from also declaring a water emergency pursuant to California Water Code Section 350 if circumstances warrant such a declaration. (Ord. 2015-06, 7-7-2015)

**7-7E-4: WATER CUSTOMER:**

“Water customer,” for the purposes of this chapter, shall mean any person, partnership, business, corporation, special district, public agency, or association or legal entity to which the City of Lemoore (City) supplies water or “user” of water supplied by the City. (Ord. 2015-06, 7-7-2015)

**7-7E-5: APPLICATION:**

This article shall be applicable to all water customers. (Ord. 2015-06, 7-7-2015)

**7-7E-6: EXCEPTIONS AND EXEMPTIONS:**

- A. Exceptions: The City Manager or his or her designee shall grant an exception from the requirements of this chapter for any of the following reasons:
  - 1. Water use is necessary to public health and safety or for essential government services.
  - 2. Recycled water is being used.
  - 3. Water use is necessary due to the medical needs of the water customer.
  - 4. An alternative water source/supply is available for use.
- B. Exemptions: The City Council may grant an exemption to the requirements of this chapter, with or without conditions, if it determines that a water customer would otherwise experience extreme financial hardship that cannot be mitigated. The City Council shall review any requests for an exemption from compliance with this chapter. A written request for an exemption must be submitted to the City Clerk a

minimum of two weeks prior to the regularly scheduled council meeting at which the exemption is to be considered. If appropriate, the City Council may require the customer granted an exemption to reduce water use by other appropriate alternative methods. Notwithstanding any other provision of this Code, there shall be no right to further administrative review or appeal of the determination of exemption of the City Council. The City Council may establish an “exemption processing fee” by resolution. (Ord. 2015-06, 7-7-2015)

**7-7E-7: AUTHORIZATION:**

The City Council may declare the conservation stage based on a determination made by the City Manager, or based upon any reduction in water supply or delivery that the City Council determines in its sole discretion necessitates water conservation pursuant to this chapter. The City Council may determine and order water prohibitions and restrictions as outlined herein in the following levels:

Voluntary compliance

Level I Conservation Measures

Level II Conservation Measures

Level III Conservation Measures

Level III+ Conservation Measures

(Ord. 2015-06, 7-7-2015)

**7-7E-8: VOLUNTARY COMPLIANCE:**

At this level of the conservation plan, the goal is to inform the public of the pressing need to conserve water. This can be done through information and education measures, which can directly affect the water use habits of the City’s customer base. While education alone may not produce sustained water savings like other measures, it can enhance the effectiveness of other measures. Water bill inserts, pamphlets upon request, partnering with local schools to encourage water conservation practices, and creating workshops for local plumbers, plumbing fixture suppliers, and builders or landscape and irrigation service providers are all examples of education and information measures the City can implement.

The goal of this measure is to have residents and businesses voluntarily comply with best practice water conservation measures, with the goal of reducing average water consumption by 20%. Water tanks and wells will be monitored by the Water Department.

Additionally, landscape watering for municipal parks will be reduced from six to four days or less per week. (Ord. 2015-06, 7-7-2015)

**7-7E-9: LEVEL I CONSERVATION MEASURES:**

When pumping water levels drop 20% below the baseline measurement, the following restrictions shall apply in addition to or supersede the standard water conservation measures listed in Section 7-7E-1 of this article:

- A. Reduce the number of days for landscape watering to two days per week. Even-numbered addresses would be allowed to water on Tuesday and Saturday, while odd-numbered addresses would water on Wednesday and Sunday. No watering would be allowed on Monday, Thursday or Friday. Additionally, landscape watering would only be authorized before 10:00 a.m. and after 7:00 p.m. on designated days.
- B. Hotels, restaurants, and bars shall only provide drinking water to customers upon request.
- C. No water customer shall permit water to leak on his or her premises. Such leak shall be repaired in a timely manner after written notification by the City but in no case in excess of 72 hours after notification.
- D. Reduce landscape watering for municipal parks to two days or less per week. (Ord. 2015-06, 7-7-2015)

**7-7E-10: LEVEL II CONSERVATION MEASURES:**

The following restrictions shall be applicable during a high water conservation alert as declared by the City Council and whenever a recommendation has been made by the City Manager in conjunction with the Chief Plant Operator of the water treatment plant based upon a significant reduction or interruption in the water supply or delivery that necessitates increased water conservation efforts:

- A. All prohibitions and restrictions in Level I (Section 7-7E-9 of this article) shall be in effect.
- B. Reduce the number of days for landscape watering to one day per week, depending on the type of irrigation and the address. The City would be divided into three sections: one section would be all of the area on the east side of Lemoore Avenue, another section would be the area north of Cinnamon Drive from 191/2 Avenue to Lemoore Avenue, and the third section would be the area south of Cinnamon Drive to the west City limits. Watering between the hours of 10:00 a.m. and 7:00 p.m. is still prohibited.
- C. The washing of personal vehicles is restricted to once per week, only on permitted watering days, and only with the use of the required quick-acting positive shutoff nozzle.
- D. Hotels are encouraged to implement laundry conservation measures by encouraging patrons to reuse linens and towels.

- E. Landscape watering for municipal parks is restricted to one day per week and restrictions shall be implemented on golf course watering. (Ord. 2015-06, 7-7-2015)

7-7E-11: LEVEL III CONSERVATION MEASURES:

In the event of a major earthquake, large-scale fire, or other so-called “act of nature” that has or could have serious impacts on the City’s total available water storage or delivery capacity, whether storage capacities have been reduced or not, or in the case of an unanticipated significant reduction in city water supply, a severe water conservation alert shall be declared by the City Council.

- A. All previous restrictions noted above in Level I and Level II shall be in effect.
- B. Irrigation of landscapes is prohibited between the hours of 8:00 a.m. and 8:00 p.m.
- C. Landscape watering for municipal parks shall be limited to one day per week.
- D. Swimming pool refilling or new construction swimming pool filling is not authorized.
- E. The City shall discontinue washing city vehicles or equipment except for health, safety, or critical maintenance reasons.
- F. Restrictions on golf course watering shall be increased. (Ord. 2015-06, 7-7-2015)

7-7E-12: LEVEL IV CONSERVATION MEASURES:

In the event of emergency shortages from a major earthquake, large-scale fire, or other so-called “act of nature” having serious impacts on the City’s total available water storage or delivery capacity, whether storage capacities have been reduced or not, or in the case of an unanticipated significant reduction in City water supply, an emergency water conservation alert shall be declared by the City Council.

- A. All previous restrictions noted above shall be in effect.
- B. The City may prohibit all outdoor irrigation with potable water.

### ***8.1 - Stages of Actions***

In compliance with CWC 10632(a)(1), all water agencies are required to administer a strategy – an adopted ordinance or terms of service – to outline “stages of action” in response to water supply shortages. For compliance, Article E of the City’s Code outlined above includes stages of action based on conservation measure level, namely:

- Voluntary Compliance
- Level I Conservation Measures
- Level II Conservation Measures
- Level III Conservation Measures
- Level IV Conservation Measures

Table 8-1 provides a summary of the standard six levels of water shortage.

**Table 8-1**  
**Retail: Cross-reference for Standard vs Supplier Shortage Levels**

| <b>Submittal Table 8-1: Cross-reference for Standard vs Supplier Shortage Levels</b><br><b>Water Code Section 10632(a)(3)(B)</b> |                                                                                                          |                                  |                               |
|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------|
| <input checked="" type="checkbox"/>                                                                                              | Check the box if the Supplier uses the Standard six levels of water shortage. Proceed to the next table. |                                  |                               |
| <b>Standard Shortage Levels</b>                                                                                                  | <b>Percent Shortage Range</b>                                                                            | <b>Suppliers Shortage Levels</b> | <b>Percent Shortage Range</b> |
| 1                                                                                                                                | Up to 10%                                                                                                |                                  |                               |
| 2                                                                                                                                | Up to 20%                                                                                                |                                  |                               |
| 3                                                                                                                                | Up to 30%                                                                                                |                                  |                               |
| 4                                                                                                                                | Up to 40%                                                                                                |                                  |                               |
| 5                                                                                                                                | Up to 50%                                                                                                |                                  |                               |
| 6                                                                                                                                | >50%                                                                                                     |                                  |                               |

Title 7 (Public Ways and Property), Chapter 7 (Water and Sewer Regulations), and Article E (Water Conservation) of the City's Municipal Code establishes the City's framework for managing water shortages through a series of escalating conservation measures. The ordinance establishes demand reduction measures, water use restrictions, and enforcement mechanisms that may be implemented for worsening water shortage conditions.

## 8.2 - Supply Augmentation

As discussed in Sections 6 and 7, the City relies entirely on groundwater for its water supply. Accordingly, opportunities for supply augmentation are limited. However, the City is exploring potential coordination with Naval Air Station Lemoore to enhance water supply reliability and provide additional flexibility during droughts and other water shortage conditions.

Table 8-2 summarizes the supply augmentation measures available to the City.

**Table 8-2**  
**Retail: Supply Augmentation and Other Actions**

| Submittal Table 8-2 Retail: Supply Augmentation and Other Actions<br>Water Code Section 10632(a)(4)(A),(C) and (E) |                                                                                                                                                                                      |                                                    |                                               |                                                              |
|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------|--------------------------------------------------------------|
| No                                                                                                                 | Is the Supplier completing this table using the standard six levels? (yes/no)                                                                                                        |                                                    |                                               |                                                              |
| Shortage Level                                                                                                     | Supply Augmentation Methods and Other Actions by Water Supplier<br><b>Drop down list</b><br>These are the only categories that will be accepted by the WUEdata online submittal tool | How much is this going to reduce the shortage gap? |                                               | Additional Explanation or Reference (OPTIONAL)               |
|                                                                                                                    |                                                                                                                                                                                      | Volume or Percentage Drop down                     | Shortage Gap Reduction Value (May be a range) |                                                              |
|                                                                                                                    |                                                                                                                                                                                      |                                                    | (MG)                                          |                                                              |
| Add additional rows as needed                                                                                      |                                                                                                                                                                                      |                                                    |                                               |                                                              |
| 1-6                                                                                                                | Exchanges                                                                                                                                                                            | Percentage                                         | 0-100%                                        | Shared use of water resources with Lemoore Naval Air Station |

## 8.3 - Demand Reduction Actions

In compliance with CWC Section 10632(a)(5), consumption reduction methods are actions that are taken by the City to reduce water demand within the service area, whereas the prohibitions (see subsection 8.2 and table 8-3) limit specific uses of water. DWR allows water agencies, such as the City, to make their own determinations as to which methods and which stages for employing the methods are most appropriate for a service area. Table 8-3 summarizes the mandatory restrictions and prohibitions placed on end users.

**Table 8-3**  
**Retail: Demand Reduction Actions**

| Submittal Table 8-3 Retail: Demand Reduction Actions<br>Water Code Section 10632(a)(4)(B) and (E) |                                                                                                                                                                         |                                                    |                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                       |
|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Yes                                                                                               | Is the Supplier completing this table using the standard six levels? (yes/no)                                                                                           |                                                    |                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                       |
| Shortage Level                                                                                    | Demand Reduction Actions<br><b>Drop down list</b><br>These are the only categories that will be accepted by the WUEdata online submittal tool. Select those that apply. | How much is this going to reduce the shortage gap? |                                                         | Additional Explanation or Reference<br>(OPTIONAL)                                                                                                                                                                                                                                                                                                                                                                                                                              | Penalty, Charge, or Other Enforcement?<br>For Retail Suppliers Only<br>Drop Down List |
|                                                                                                   |                                                                                                                                                                         | Volume or Percentage Drop down                     | Shortage Gap Reduction Value<br>(Maybe a range)<br>(MG) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                       |
| Add additional rows as needed                                                                     |                                                                                                                                                                         |                                                    |                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                       |
| 1                                                                                                 | Other                                                                                                                                                                   | Percentage                                         | 10%                                                     | Standard Water Conservation Measures: Fixtures free from leakage; no excessive water; watering days; possible new lawn exemption; swimming pool draining prohibitions; asphalt/concrete washing prohibitions; vehicle washing prohibitions; watering hours; recirculation pumps requirement; and low-flow requirements for new construction, remodeling, and additions                                                                                                         | No                                                                                    |
| 2                                                                                                 | Other                                                                                                                                                                   | Percentage                                         | 20%                                                     | Voluntary Compliance: Inform the public about water conservation needs and reduce landscape watering in municipal parks from six to four days or less per week                                                                                                                                                                                                                                                                                                                 | No                                                                                    |
| 3                                                                                                 | Other                                                                                                                                                                   | Percentage                                         | 30%                                                     | Level I Conservation Measures: Reduce landscape watering to two days per week (before 10:00 a.m. and after 7:00 p.m.); hotels, restaurants, and bars provide water only upon request; customers are prohibited from allowing water to leak from premises, and such leaks shall be repaired after written notice within 72 hours; and reduce landscape watering in municipal parks to two days per week                                                                         | Yes                                                                                   |
| 4                                                                                                 | Other                                                                                                                                                                   | Percentage                                         | 40%                                                     | Level II Conservation Measures: All Level I prohibitions are in effect; reduce landscape watering to one day per week (before 10:00 a.m. and after 7:00 p.m.); personal vehicle washing restricted to one per week on permitted days with shutoff nozzle; laundry conservation measures encouraged at hotels; and reduce landscape watering in municipal parks to one day per week; and implement golf course watering restrictions                                            | Yes                                                                                   |
| 5                                                                                                 | Other                                                                                                                                                                   | Percentage                                         | 50%                                                     | Level III Conservation Measures: All Level I and II prohibitions are in effect; landscape watering is prohibited between 8:00 a.m. and 8:00 p.m. Landscape watering in municipal parks is limited to one day per week; prohibit swimming pool refilling and new construction of swimming pools; the City shall discontinue washing City vehicles or equipment except for health, safety, or critical maintenance reasons; golf course watering restrictions shall be increased | Yes                                                                                   |
| 6                                                                                                 | Other                                                                                                                                                                   | Percentage                                         | >50%                                                    | Level IV Conservation Measures: All Level III prohibitions are in effect; all outdoor irrigation with potable water is prohibited.                                                                                                                                                                                                                                                                                                                                             | Yes                                                                                   |

### **8.3.1 - LANDSCAPE IRRIGATION**

The following summarizes landscape irrigation restrictions by stages:

- Standard Water Conservation Measures – Prohibit excessive runoff from a property, prohibit willful and negligent water waste, limit outdoor watering to certain days based on address, and limit irrigation to certain times.
- Voluntary Compliance – Reduce municipal park watering from six to four days per week.
- Level I Conservation Measures – Reduce landscape watering to two days per week and increase the time of day restrictions and municipal park watering to two days per week.
- Level II Conservation Measures – Reduce landscape watering to one day per week and increase the time of day restrictions and municipal park watering to one day per week as well as impose golf course watering restrictions.
- Level III Conservation Measures – Increase the time of day restrictions, reduce municipal park watering to one day per week, and increase golf course watering restrictions.

### **8.3.2 - COMMERCIAL, INDUSTRIAL, AND INSTITUTIONAL (CII)**

The following summarizes CII restrictions by stages:

- Standard Water Conservation Measures – None.
- Voluntary Compliance – None.
- Level I Conservation Measures – Hotels, restaurants, and bars will only serve water if requested.
- Level II Conservation Measures – Encourage hotels to implement laundry conservation measures.
- Level III Conservation Measures – None.

### **8.3.3 - WATER FEATURES AND SWIMMING POOLS**

The following summarizes restrictions on water features and swimming pools by stages:

- Standard Water Conservation Measures – Prohibit swimming pools draining greater than 5,000 gallons more than once every two years except for repair or public health reasons and prohibit fountains or other decorative features without recirculating pumps.
- Voluntary Compliance – None.
- Level I Conservation Measures – None.
- Level II Conservation Measures – None.
- Level III Conservation Measures – Prohibit swimming pool filling and new construction.

### **8.3.4 - OTHER RESTRICTIONS**

The following summarizes other restrictions by stages:

- Standard Water Conservation Measures – Ensure fixtures, etc. tight and free from leakage, prohibit washing hard surfaces except for public health reasons, prohibit washing vehicles without the use of buckets and shutoff nozzles, and require all new construction as well as remodels and additions greater than \$5,000 to install or replace faucets and showerheads with low-flow devices and toilets with low-flow units.
- Voluntary Compliance – None.
- Level I Conservation Measures – Prohibit outdoor water from leaving property and leak shall be repaired after written notification within 72 hours.
- Level II Conservation Measures – Restrict personal vehicle washing to once per week with a shutoff nozzle.
- Level III Conservation Measures – Prohibit City vehicle washing except certain reasons.
- Level IV Conservation Measures – Prohibit potable water use for landscape irrigation.

### **8.4 - Penalties, Charges, and Other Enforcement of Prohibitions**

In accordance with CWC Section 10632(a)(6), Title 7 (Public Ways and Property), Chapter 7 (Water and Sewer Regulations), Article E (Water Conservation) of the City's Code also includes penalties for violations of the standard water conservation measures and each of the four stages. These penalties are as follows:

#### **7-7E-12: PENALTIES:**

- A. Use Of Water: No water customer of the City shall knowingly use, or permit the use of, water in a manner contrary to any provisions of this article, or in an amount in excess of that use permitted by the provisions of this article.
- B. Violation; Infraction: Unless otherwise provided, any water customer violating any provision of this article shall be guilty of an infraction, and each day or portion thereof such violation is in existence shall be a new and separate offense.
- C. Violations: Any water customer determined to be guilty of a first-time violation shall be given a written reminder for compliance. Second and subsequent violations shall be punishable as follows:
  1. Standard Conservation Measures And Level I Conservation Measures: A written notice of such a violation shall be given and a charge shall be added to the water bill of such person as a one-time penalty as follows:
    - a. Second violation: \$25.00.
    - b. Third violation: \$50.00.

- c. Fourth violation: \$100.00.
  - d. Fifth violation: A written notice will be given of a fifth violation and the consumer shall have a flow restrictor placed in their service until such time that they can assure the Public Works Director that no more waste will occur. All costs, including overhead, for this installation shall be billed to the customer.
- 2. Level II Conservation Measures: A written notice of such a violation shall be given and a penalty shall be added to the water bill of such person as a one-time penalty as follows:
  - a. Second violation: \$40.00.
  - b. Third violation: \$75.00.
  - c. Fourth violation: \$150.00.
  - d. Fifth violation: A written notice will be given of a fifth violation and the consumer shall have a flow restrictor placed in their service until such time that they can assure the public works director that no more waste will occur. All costs, including overhead, for this installation shall be billed to the customer.
- 3. Level III and Level IV Conservation Measures: A written notice of such a violation shall be given and a penalty shall be added to the water bill of such a person as a one-time penalty as follows:
  - a. Second violation: \$55.00.
  - b. Third violation: \$100.00.
  - c. Fourth violation: \$200.00.
  - d. Fifth violation: A written notice will be given of a fifth violation and the consumer shall have a flow restrictor placed in their service until such time that they can assure the public works director that no more waste will occur. All costs, including overhead, for this installation shall be billed to the customer.
- D. Determination Of Number Of Offenses: To determine whether a violation is other than a first offense, only notices issued within one year after the date of the first notice will be considered.
- E. Enforcement Of Penalties: In addition to the above remedies, the City Manager or his or her designee is empowered to enforce any or all of the following penalties:
  - 1. Place a flow-restricting device upon the water service.
  - 2. Lock off of a water meter.
  - 3. Remove a water meter.
  - 4. Shut off the service connection.

- F. Costs Borne By Customer: All costs or expenses incurred by the City for enforcement of this section shall be borne by the water customer. No water service shall be limited or discontinued until the City Manager or his or her designee provides a written notice of intent to so limit or discontinue such service and the reasons for such decision, and further, provides such water customer notice of the right to request an administrative review and hearing pursuant to the procedures set forth in Title 1, Chapter 10 of this Code. (Ord. 2015-06, 7-7-2015)

#### 7-7E-13: COMPLIANCE:

The City Manager or his or her designee shall enforce the provisions of this article. (Ord. 2015-06, 7-7-2015)

#### 7-7E-14: WAIVER:

To apply for a full or partial waiver of the mandatory water conservation requirements to accommodate your disability, you must submit a letter explaining your need for additional water use based on your disability. Send your letter requesting a waiver of the mandatory water conservation requirements to the City Manager.

The City will consider each application for a full or partial waiver of the water restrictions on an individual basis. The City may request that you provide medical information to support your need for an exemption to the current water restrictions. Responses to waiver requests will be provided in 30 days. All waiver requests that have been granted are subject to review and cancellation. If any waivers are obtained based on inaccurate information, applications may be subject to fines and additional charges. (Ord. 2015-06, 7-7-2015)

### ***8.5 - Consumption Reduction Methods***

In compliance with CWC Section 10632(a)(5), consumption reduction methods are actions that are taken by the City to reduce water demand within the service area whereas the prohibitions (see Section 8.2) limit specific uses of water. DWR allows water agencies, such as the City, to make their own determinations as to which methods and which stages for employing the methods are most appropriate for a service area.

#### **8.5.1 - CONSUMPTION REDUCTION GOALS**

The consumption reduction goals for the various stages are:

- Standard Water Conservation Measures – Not applicable.
- Voluntary Compliance – up to 20% reduction.
- Level I Conservation Measures – up to 30% reduction.
- Level II Conservation Measures – up to 40% reduction.
- Level III Conservation Measures – greater than 40% reduction.
- Level IV Conservation Measures – greater than 50% reduction.

### **8.5.2 - CATEGORIES OF CONSUMPTION REDUCTION METHODS**

The following consumption reduction methods listed in the Guidelines have been implemented by the City:

- Expand Public Information Campaign – Examples include enlarging media campaigns; creating bill inserts with conservation information; articles submitted to local newspapers; and conducting water efficiency workshops for different customer sectors.
- Other – any other method that does not fall into the categories listed in the Guidelines.

#### ***Expand Public Information Campaign***

In accordance with 7-7E-8 of the City's Code, the primary goal of Voluntary Compliance is to inform the public of the pressing need to conserve water. This can be done through information and education measures, which can directly affect the water use habits of the City's customer base. While education alone may not produce sustained water savings like other measures, it can enhance the effectiveness of other measures. Water bill inserts, pamphlets upon request, partnering with local schools to encourage water conservation practices, and creating workshops for local plumbers, plumbing fixture suppliers, and builders or landscape and irrigation service providers are all examples of education and information measures the City can implement.

#### ***Other***

#### **CALIFORNIA MODEL WATER EFFICIENT LANDSCAPE ORDINANCE ADOPTION**

In accordance with 7-7E-2 of the City's Code, the City adopted the California Model Water Efficient Landscape Ordinance (23 CCR Division 2, Chapter 2.7 and any amendments) (see Appendix B).

#### **WATER CONSERVATION WEBSITE**

The City will be making public a website dedicated to water conservation. This website will include tips on how to conserve water, provide information on rebates and other opportunities to incentivize customers to save water and provide useful contact information and links.

#### **PUBLIC OUTREACH**

The City Water Department recently adopted a water conservation mascot named "AquaBob" that will be performing public outreach to school-age children at events throughout the school year. AquaBob will educate and inform the children about the need for water conservation and provide simple steps to implement water conservation strategies at home and school.

### ***8.6 - Determining Water Shortage Reductions***

The following discussion is provided to comply with CWC Section 10632(a)(9). The City's water system is supplied by groundwater wells. Each well has a flow meter that records the amount of water entering the City's distribution system. The City uses these meters to monitor actual reductions in water use within the service area. The City is using the SWRCB emergency regulation method to measure and determine actual water savings made from implementing the WSCP. The SWRCB uses 2013 water production data and requires water agencies to report monthly water production as compared to 2013. The City has maintained more than a 19% reduction as compared to 2013.

### ***8.7 - Revenue and Expenditure Impacts***

The following discussion is provided to comply with CWC Section 10632(a)(7). Most operating costs for water agencies are fixed rather than a function of the amount of water sold. Thus, when conservation programs are undertaken, it is frequently necessary to raise water rates because the revenue generated is based on lower total consumption while the costs, and resulting revenue required, are basically fixed. Typically, water rates need to be increased by the percentages listed in Table 8-1 when the indicated stages are implemented. However, reductions in water demands, especially peak demands, can delay the need to develop costly new water sources in growing communities. The City currently charges water customers a flat fee based on meter size plus a volumetric charge for water use.

Currently, the City does not have an emergency fund but will consider establishing such a fund to mitigate the impacts of a water shortage. The fund would then be used to stabilize water rates during periods of water shortage. Excess water revenues collected because of rate adjustments would be used to enhance the emergency fund.

### ***8.8 - Resolution or Ordinance***

In compliance with CWC Section 10632(a)(8), Title 7 (Public Ways and Property), Chapter 7 (Water and Sewer Regulations), Article E (Water Conservation) of the City's Code is discussed above. This adopted City Code provides a water shortage contingency solution.

### ***8.9 - Catastrophic Supply Interruption***

In 2012, the City developed the *Lemoore Hazard Mitigation Plan* as part of their Community Profile Information, a multi-hazard mitigation plan that provided a general Vulnerability Assessment and Hazard Identification and mitigation. The following discussion is provided to comply with CWC Section 10632(a)(3). The Act refers to catastrophic interruptions as regional power outages, natural disasters, and other disasters that stop the water supply.

The Level III Conservation Measures have been developed in the event of a "major earthquake, large scale fire, or other so-called 'act of nature' which has or could have serious impacts on the City's total available water storage or delivery capacity, whether storage capacities have been reduced or not, or in the case of an unanticipated significant reduction

in city water supply.” If such an act of nature occurs, “a severe water conservation alert shall be declared by the City Council.” Additionally, during a catastrophic interruption, the City will activate a water shortage response team. The response team will coordinate with applicable City departments and emergency services. Other actions and procedures to be followed during catastrophic events will be developed.

## SECTION 9 - DEMAND MANAGEMENT MEASURES

*CWC 10631(f). Provide a description of the supplier's water demand management measures. This description shall include all of the following:*

*CWC 10631(f)(1)(A). For an urban retail water supplier, as defined in Section 10608.12, a narrative description that addresses the nature and extent of each water demand management measure implemented over the past five years. The narrative shall describe the water demand management measures that the supplier plans to implement to achieve its water use targets pursuant to Section 10608.20.*

*CWC 10631(f)(1)(B). The narrative pursuant to this paragraph shall include descriptions of the following water demand management measures:*

*(i) Water waste prevention ordinances.*

*(ii) Metering.*

*(iii) Conservation pricing.*

*(iv) Public education and outreach.*

*(v) Programs to assess and manage distribution system real loss.*

*(vi) Water conservation program coordination and staffing support.*

*(vii) Other demand management measures that have a significant impact on water use as measured in gallons per capita per day, including innovative measures, if implemented.*

This section provides a comprehensive description of the water conservation programs that the City has implemented, is currently implementing, and plans to implement to meet urban water reduction targets. The City is not a signatory to the Memorandum of Understanding regarding Urban Water Conservation in California and, therefore, is not a member of the California Urban Water Conservation Council. In response to the Act, the City will address the six Demand Management Measures (DMMs) described in CWC Section 10631(f)(1)(B). Descriptions of the City's DMMs are provided below.

### **9.1 - Water Waste Prevention Ordinances**

As further described in *Section 8 – Water Shortage Contingency Planning*, the City has developed Title 7 (Public Ways and Property), Chapter 7 (Water and Sewer Regulations), Article E (Water Conservation) of the City's Code. This portion of the City's Code enacts water conservation measures for the City. The City Council may determine and order water prohibitions and restrictions commensurate with each level described in the Code.

## 9.2 - Metering

All City water service connections are metered, per the City's Public Works Department and State Waterboard data. The City will continue to comply with the Urban Water Management Planning Act, Water Code Section 325, which requires water meters and billings based thereon for all service connections by 2025.

Table 9-1  
City Service Connections and Metering Status

| <b><u>Service Connections</u></b> |              |                   |                           |
|-----------------------------------|--------------|-------------------|---------------------------|
| <b>Type</b>                       | <b>Count</b> | <b>Meter Type</b> | <b>Meter Size Measure</b> |
| AG                                | 2            | ME                | 0                         |
| AG                                | 0            | UM                | 0                         |
| CM                                | 315          | ME                | 0                         |
| CM                                | 49           | UM                | 0                         |
| IN                                | 11           | ME                | 0                         |
| IN                                | 0            | UM                | 0                         |
| RS                                | 7097         | ME                | 0                         |
| RS                                | 0            | UM                | 0                         |

## 9.3 - Conservation Pricing

Conservation pricing promotes water conservation through retail water rate structures that send a signal to customers regarding their water use. An example is enacting penalties for a higher water rate for users who go over a predetermined water budget.

The City recently updated the water rates. After 2020, the rate for residential single-family homes will be a fixed \$29.00, with a cost of \$1.77 per hundred cubic feet of water.

## 9.4 - Public Education and Outreach

The following describes the public education and outreach efforts by the City to promote water conservation and other water-related topics.

As discussed in *Section 8 – Water Shortage Contingency Planning*, 7-7E-8 of the City's Code states:

At this level of the conservation plan, the goal is to inform the public of the pressing need to conserve water. This can be done through information and education measures, which can directly affect the water use habits of the City's customer base. While education alone may not produce sustained water savings like other measures, it can enhance the effectiveness of other measures. Water bill inserts, pamphlets upon request, partnering with local schools to encourage water conservation practices, and

creating workshops for local plumbers, plumbing fixture suppliers, and builders or landscape and irrigation service providers are all examples of education and information measures the city can implement.

This measure aims to have residents and businesses voluntarily comply with best-practice water conservation measures, with the goal of reducing average water consumption by 20%.

The annual Consumer Confidence Report is mailed each year. The City takes advantage of these mailings when necessary to provide customers with additional information on water conservation and other demand management measures. Display cases and bulletin boards at City facilities augment the mailings by permanently posting the most current City mailings.

The City's monthly water bill, distributed to all water service customers, is another vehicle used by the City for public education purposes. The bill presents information regarding comparable previous year water usage so that the public can self-monitor their water demand. The bill also contains a space for public service announcements that remind citizens of conservation and demand management measures.

### ***9.5 - Programs to Assess and Manage Distribution System Real Loss***

Because of engineering analyses, the City performs maintenance on and replaces outdated, undersized, and leaking water mains in the distribution system. The City's capital improvement program provides funding for major water main replacement. (A water audit is a process of accounting for water use throughout a water system to quantify unaccounted-for water. Unaccounted-for water is the difference between metered production and metered usage on a system-wide basis). However, water losses due to pipe leakage are minimal as most of the City's water system is less than 35 years old. The high (4 to 6 feet) perched water table under the City permits essentially immediate cognizance of pipe leakage through surface indications; a formal leak protection program is not required.

The City will initiate a program for comparison of metered well production and metered usage, utilizing that program as guidance for system analysis and any needed repairs or replacement. Comparisons of succeeding-year figures will permit evaluation of program effectiveness.

### ***9.6 - Water Conservation Program and Staffing Support***

The following provides a description of the City's water conservation program and staffing support.

The City Manager has appointed a conservation coordinator, the Public Works Director. The Conservation Coordinator is responsible for coordinating and expanding the City's water conservation program and providing residents with useful water conservation information. The Water Conservation Coordinator's responsibilities include:

- Coordination with internal City departments and the community at large to promote the principles of responsible water resource stewardship.
- Monitoring the practice and application of DMMs.
- Planning and participating in community water conservation education projects.

The contact information for the Water Conservation Coordinator is provided below:

Public Works Director  
559-924-6744

### ***9.7 - Other Demand Management Measures That Impact GPCD***

The following is a list of other DMMs the City is currently employing that affect GPCD.

#### ***9.7.1 - WATER SURVEY PROGRAMS***

This program consists of offering water audits to residential customers. Audit components include reviewing water usage history with the customer, identifying leaks inside and outside, and recommending improvements.

The City will explore initiating a program offering such audits. The City will target the top one percent of single-family residential users. A similar program for multi-family residential users will be developed and implemented. Water bills will be reviewed pre- and post-audit to evaluate program effectiveness.

#### ***9.7.2 - RESIDENTIAL PLUMBING RETROFIT***

This program consists of installing physical devices to reduce the amount of water used or to limit the amount of water that can be served to the customer. In accordance with State law, low-flow fixtures have been required on all new construction since 1978. In addition, State legislation enacted in 1990 required all new buildings after January 1, 1992, to install ultra-low flush toilets. 7-7E-1(C)(11) of the City's Code requires:

All new construction and remodeling or additions to habitable areas with a valuation in excess of five thousand dollars (\$5,000.00) will be required to install or replace existing faucets and showerheads with low-flow devices and toilets with ultra-low flow units.

Several studies suggest that savings resulting from miscellaneous interior retrofit fixtures can range between 25 and 65 gallons per day (gpd) per housing unit. The studies also suggest that retrofit fixtures installed in older single-family homes tend to produce more savings, while such installations in newer multi-family homes tend to produce fewer savings per housing unit.

Since 1986, the City has participated in an informal booth at the Kings District Fair. Water-saver kits containing low-flow plumbing fixtures, toilet dams, dye tablets, and water-saving tips have been distributed. The City is a member of the KCWEC. Representatives of the KCWEC go to public schools and make presentations on water safety and conservation. Information is published in the local newspaper reminding people to conserve water. Book covers that provide water conservation and water safety information are purchased and distributed to local schools.

### ***9.8 - Planned Implementation to Achieve Water Use Targets***

As required by CWC Section 10631(f)(1)(A), the City must describe the DMMs that it plans to implement to achieve its water use targets (see Table 5-1). The City plans to use all DMMs described above, if needed, to achieve its water use targets.

### ***9.9 - Members of the California Urban Water Conservation Council***

*CWC 10631(i). For purposes of this part, urban water suppliers that are members of the California Urban Water Conservation Council shall be deemed in compliance with the requirements of subdivision (f) by complying with all the provisions of the "Memorandum of Understanding Regarding Urban Water Conservation in California," dated December 10, 2008, as it may be amended, and by submitting the annual reports required by Section 6.2 of that memorandum.*

The City is not a member of the California Urban Water Conservation Council and, therefore, does not have to comply with this section of the CWC.

## SECTION 10 - PLAN ADOPTION, SUBMITTAL, AND IMPLEMENTATION

*CWC 10621(b). Every urban water supplier required to prepare a plan pursuant to this part shall, at least 60 days before the public hearing on the plan required by Section 10642, notify any city or county within which the supplier provides water supplies that the urban water supplier will be reviewing the plan and considering amendments or changes to the plan. The urban water supplier may consult with and obtain comments from any city or county that receives notice pursuant to this subdivision.*

*CWC 10621(d). Each urban water supplier shall update and submit its 2020 plan to the department by July 1, 2021.*

*CWC 10608.26(a). In complying with this part, an urban retail water supplier shall conduct at least one public hearing to accomplish all of the following:*

*(1) Allow community input regarding the urban retail water supplier's implementation plan for complying with this part.*

*(2) Consider the economic impacts of the urban retail water supplier's implementation plan for complying with this part.*

*(3) Adopt a method, pursuant to subdivision (b) of Section 10608.20, for determining its urban water use target.*

*CWC 10635(b). The urban water supplier shall provide that portion of its urban water management plan prepared pursuant to this article to any city or county within which it provides water supplies no later than 60 days after the submission of its urban water management plan.*

*CWC 10642. Each urban water supplier shall encourage the active involvement of diverse social, cultural, and economic elements of the population within the service area prior to and during the preparation of the plan. Prior to adopting a plan, the urban water supplier shall make the plan available for public inspection and shall hold a public hearing thereon. Prior to the hearing, a notice of the time and place of the hearing shall be published within the jurisdiction of the publicly owned water supplier pursuant to Section 6066 of the Government Code. The urban water supplier shall provide notice of the time and place of hearing to any city or county within which the supplier provides water supplies. A privately owned water supplier shall provide an equivalent notice within its service area. After the hearing, the plan shall be adopted as prepared or modified after the hearing.*

*CWC 10644(a)(1). An urban water supplier shall submit to the department, the California State Library, and any city or county within which the supplier provides water supplies a copy of its plan no later than 30 days after adoption. Copies of amendments or changes to the plans shall be submitted to the department, the California State Library, and any city or county within which the supplier provides water supplies within 30 days after adoption.*

*CWC 10644(a)(2). The plan, or amendments to the plan, submitted to the department pursuant to paragraph (1) shall be submitted electronically and shall include any standardized forms, tables, or displays specified by the department.*

*CWC 10645. Not later than 30 days after filing a copy of its plan with the department, the urban water supplier and the department shall make the plan available for public review during normal business hours.*

The City notifies all entities that have land use jurisdiction within its service area that it is reviewing and considering amendments to its 2025 UWMP.

The City furnishes copies of a draft Plan to and requested comments from Kings River Conservation District, Kings County Water District, and Laguna Irrigation District, as entities providing water management in the northwest portion of Kings County. The districts are adjacent to or near the City, and their activities affect the groundwater basin from which the City draws its primary water supply. A copy of the draft Plan is also furnished to, and comments requested from, the Lemoore Canal and Irrigation Company.

The City has served a 60-day notice to these agencies on May 13, 2026, that its 2025 UWMP is under review and may be revised in concurrence with updated land use information, demand projections, and new legislation. This 60-day notice states that a public hearing is scheduled for August 4, 2026, at 5:30 p.m. at City Council Chambers at 429 C Street, Lemoore, CA 93245, to receive comments, questions, and suggestions regarding the City's 2025 UWMP, and to address water supply reliability and management by the City for at least the next 20 years. Copies of the 60-day notices are included in Appendix C. A notice of public hearing was published in the local newspaper, notifying interested parties that the 2025 UWMP was available at the City for review; at the same time, copies of the draft 2025 UWMP were forwarded to the DWR for review. Upon the completion of that review and corrections based thereon, the City Council will adopt the UWMP.

Table 10-1 provides the cities and counties that received notice. Since this UWMP is for areas completely within the City of Lemoore land use jurisdiction, no other cities were notified of the release of the draft 2025 UWMP.

**Table 10-1**  
**Retail: Notification to Cities and Counties**

| Submittal Table 10-1 Retail: Notification to Cities and Counties |                                     |                                                   |
|------------------------------------------------------------------|-------------------------------------|---------------------------------------------------|
| Water Code Section 10621(b) and 10642                            |                                     |                                                   |
| County Name<br>Drop Down List                                    | 60 Day Notice<br>Drop Down (yes/no) | Notice of Public<br>Hearing<br>Drop Down (yes/no) |
| Add additional rows as needed                                    |                                     |                                                   |
| Kings County                                                     | Yes                                 | Yes                                               |

In accordance with CWC Section 10635(b), an urban water supplier shall provide that portion of its urban water management plan prepared pursuant to this article to any city or county within which it provides water supplies no later than 60 days after the submission of its urban water management plan. Since the City is the urban water supplier for itself, this requirement does not apply.

The City held the public hearing at its regularly scheduled City Council meeting on August 4, 2026, in which the following was accomplished:

- Community input was taken regarding the 2025 UWMP.
- The economic impacts of the 2025 UWMP were considered.
- Information was provided on the City's baseline values, water use targets
- Information was provided regarding implementation of groundwater sustainability regulations and SGMA compliance.

Appendix D includes a copy of the City Council's signed resolution adopting the 2025 UWMP. This UWMP includes all information necessary to meet the requirements of California Water Code Division 6, Part 2.6 (Urban Water Management Planning).

The City's 2025 UWMP will be provided to DWR per CWC Section 10621 both in hardcopy and electronically. In addition, the City's 2025 UWMP will be provided to the California State Library and the agencies listed in Table 10-1 that have land use jurisdiction within its service area per CWC Section 10644 no later than 30 days following its adoption. Copies of these letters of transmittal are included in Appendix E.

No later than 30 days after filing a copy of the 2025 UWMP with DWR, the City will make a hard copy of its 2025 UWMP available for public review at the City during normal business hours. The final 2025 UWMP will also be made available on the City's website.

## SECTION 11 - BIBLIOGRAPHY

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**APPENDIX A**  
**URBAN WATER MANAGEMENT PLANNING ACT OF 1983**

# CALIFORNIA WATER CODE DIVISION 6

## PART 2.6. URBAN WATER MANAGEMENT PLANNING

All California Codes have been updated to include the 2010 Statutes.

|              |                                      |                               |
|--------------|--------------------------------------|-------------------------------|
| CHAPTER 1.   | GENERAL DECLARATION AND POLICY       | <a href="#">10610-10610.4</a> |
| CHAPTER 2.   | DEFINITIONS                          | <a href="#">10611-10617</a>   |
| CHAPTER 3.   | URBAN WATER MANAGEMENT PLANS         |                               |
| Article 1.   | General Provisions                   | <a href="#">10620-10621</a>   |
| Article 2.   | Contents of Plans                    | <a href="#">10630-10634</a>   |
| Article 2.5. | Water Service Reliability            | <a href="#">10635</a>         |
| Article 3.   | Adoption and Implementation of Plans | <a href="#">10640-10645</a>   |
| CHAPTER 4.   | MISCELLANEOUS PROVISIONS             | <a href="#">10650-10656</a>   |

### WATER CODE

#### SECTION 10610-10610.4

**10610.** This part shall be known and may be cited as the "Urban Water Management Planning Act."

**10610.2.** (a) The Legislature finds and declares all of the following:

- (1) The waters of the state are a limited and renewable resource subject to ever-increasing demands.
- (2) The conservation and efficient use of urban water supplies are of statewide concern; however, the planning for that use and the implementation of those plans can best be accomplished at the local level.
- (3) A long-term, reliable supply of water is essential to protect the productivity of California's businesses and economic climate.
- (4) As part of its long-range planning activities, every urban water supplier should make every effort to ensure the appropriate level of reliability in its water service sufficient to meet the needs of its various categories of customers during normal, dry, and multiple dry water years.
- (5) Public health issues have been raised over a number of contaminants that have been identified in certain local and imported water supplies.
- (6) Implementing effective water management strategies, including groundwater storage projects and recycled water projects, may require specific water quality and salinity targets for meeting groundwater basins water quality objectives and promoting beneficial use of recycled water.
- (7) Water quality regulations are becoming an increasingly important factor in water agencies' selection of raw water sources, treatment alternatives, and modifications to existing treatment facilities.
- (8) Changes in drinking water quality standards may also impact the usefulness of water supplies and may ultimately impact supply reliability.
- (9) The quality of source supplies can have a significant impact

on water management strategies and supply reliability.

(b) This part is intended to provide assistance to water agencies in carrying out their long-term resource planning responsibilities to ensure adequate water supplies to meet existing and future demands for water.

**10610.4.** The Legislature finds and declares that it is the policy of the state as follows:

(a) The management of urban water demands and efficient use of water shall be actively pursued to protect both the people of the state and their water resources.

(b) The management of urban water demands and efficient use of urban water supplies shall be a guiding criterion in public decisions.

(c) Urban water suppliers shall be required to develop water management plans to actively pursue the efficient use of available supplies.

## **WATER CODE**

### **SECTION 10611-10617**

**10611.** Unless the context otherwise requires, the definitions of this chapter govern the construction of this part.

**10611.5.** "Demand management" means those water conservation measures, programs, and incentives that prevent the waste of water and promote the reasonable and efficient use and reuse of available supplies.

**10612.** "Customer" means a purchaser of water from a water supplier who uses the water for municipal purposes, including residential, commercial, governmental, and industrial uses.

**10613.** "Efficient use" means those management measures that result in the most effective use of water so as to prevent its waste or unreasonable use or unreasonable method of use.

**10614.** "Person" means any individual, firm, association, organization, partnership, business, trust, corporation, company, public agency, or any agency of such an entity.

**10615.** "Plan" means an urban water management plan prepared pursuant to this part. A plan shall describe and evaluate sources of supply, reasonable and practical efficient uses, reclamation and demand management activities. The components of the plan may vary according to an individual community or area's characteristics and its capabilities to efficiently use and conserve water. The plan shall address measures for residential, commercial, governmental, and industrial water demand management as set forth in Article 2 (commencing with Section 10630) of Chapter 3. In addition, a strategy and time schedule for implementation shall be included in the plan.

**10616.** "Public agency" means any board, commission, county, city

and county, city, regional agency, district, or other public entity.

**10616.5.** "Recycled water" means the reclamation and reuse of wastewater for beneficial use.

**10617.** "Urban water supplier" means a supplier, either publicly or privately owned, providing water for municipal purposes either directly or indirectly to more than 3,000 customers or supplying more than 3,000 acre-feet of water annually. An urban water supplier includes a supplier or contractor for water, regardless of the basis of right, which distributes or sells for ultimate resale to customers. This part applies only to water supplied from public water systems subject to Chapter 4 (commencing with Section 116275) of Part 12 of Division 104 of the Health and Safety Code.

## **WATER CODE**

### **SECTION 10620-10621**

**10620.** (a) Every urban water supplier shall prepare and adopt an urban water management plan in the manner set forth in Article 3 (commencing with Section 10640).

(b) Every person that becomes an urban water supplier shall adopt an urban water management plan within one year after it has become an urban water supplier.

(c) An urban water supplier indirectly providing water shall not include planning elements in its water management plan as provided in Article 2 (commencing with Section 10630) that would be applicable to urban water suppliers or public agencies directly providing water, or to their customers, without the consent of those suppliers or public agencies.

(d) (1) An urban water supplier may satisfy the requirements of this part by participation in areawide, regional, watershed, or basinwide urban water management planning where those plans will reduce preparation costs and contribute to the achievement of conservation and efficient water use.

(2) Each urban water supplier shall coordinate the preparation of its plan with other appropriate agencies in the area, including other water suppliers that share a common source, water management agencies, and relevant public agencies, to the extent practicable.

(e) The urban water supplier may prepare the plan with its own staff, by contract, or in cooperation with other governmental agencies.

(f) An urban water supplier shall describe in the plan water management tools and options used by that entity that will maximize resources and minimize the need to import water from other regions.

**10621.** (a) Each urban water supplier shall update its plan at least once every five years on or before December 31, in years ending in five and zero.

(b) Every urban water supplier required to prepare a plan pursuant to this part shall, at least 60 days prior to the public hearing on the plan required by Section 10642, notify any city or county within which the supplier provides water supplies that the urban water

supplier will be reviewing the plan and considering amendments or changes to the plan. The urban water supplier may consult with, and obtain comments from, any city or county that receives notice pursuant to this subdivision.

(c) The amendments to, or changes in, the plan shall be adopted and filed in the manner set forth in Article 3 (commencing with Section 10640).

## **WATER CODE**

### **SECTION 10630-10634**

**10630.** It is the intention of the Legislature, in enacting this part, to permit levels of water management planning commensurate with the numbers of customers served and the volume of water supplied.

**10631.** A plan shall be adopted in accordance with this chapter that shall do all of the following:

(a) Describe the service area of the supplier, including current and projected population, climate, and other demographic factors affecting the supplier's water management planning. The projected population estimates shall be based upon data from the state, regional, or local service agency population projections within the service area of the urban water supplier and shall be in five-year increments to 20 years or as far as data is available.

(b) Identify and quantify, to the extent practicable, the existing and planned sources of water available to the supplier over the same five-year increments described in subdivision (a). If groundwater is identified as an existing or planned source of water available to the supplier, all of the following information shall be included in the plan:

(1) A copy of any groundwater management plan adopted by the urban water supplier, including plans adopted pursuant to Part 2.75 (commencing with Section 10750), or any other specific authorization for groundwater management.

(2) A description of any groundwater basin or basins from which the urban water supplier pumps groundwater. For those basins for which a court or the board has adjudicated the rights to pump groundwater, a copy of the order or decree adopted by the court or the board and a description of the amount of groundwater the urban water supplier has the legal right to pump under the order or decree. For basins that have not been adjudicated, information as to whether the department has identified the basin or basins as overdrafted or has projected that the basin will become overdrafted if present management conditions continue, in the most current official departmental bulletin that characterizes the condition of the groundwater basin, and a detailed description of the efforts being undertaken by the urban water supplier to eliminate the long-term overdraft condition.

(3) A detailed description and analysis of the location, amount, and sufficiency of groundwater pumped by the urban water supplier for the past five years. The description and analysis shall be based on information that is reasonably available, including, but not limited to, historic use records.

(4) A detailed description and analysis of the amount and location of groundwater that is projected to be pumped by the urban water supplier. The description and analysis shall be based on information that is reasonably available, including, but not limited to, historic use records.

(c) (1) Describe the reliability of the water supply and vulnerability to seasonal or climatic shortage, to the extent practicable, and provide data for each of the following:

- (A) An average water year.
- (B) A single dry water year.
- (C) Multiple dry water years.

(2) For any water source that may not be available at a consistent level of use, given specific legal, environmental, water quality, or climatic factors, describe plans to supplement or replace that source with alternative sources or water demand management measures, to the extent practicable.

(d) Describe the opportunities for exchanges or transfers of water on a short-term or long-term basis.

(e) (1) Quantify, to the extent records are available, past and current water use, over the same five-year increments described in subdivision (a), and projected water use, identifying the uses among water use sectors, including, but not necessarily limited to, all of the following uses:

- (A) Single-family residential.
- (B) Multifamily.
- (C) Commercial.
- (D) Industrial.
- (E) Institutional and governmental.
- (F) Landscape.
- (G) Sales to other agencies.
- (H) Saline water intrusion barriers, groundwater recharge, or conjunctive use, or any combination thereof.
- (I) Agricultural.

(2) The water use projections shall be in the same five-year increments described in subdivision (a).

(f) Provide a description of the supplier's water demand management measures. This description shall include all of the following:

(1) A description of each water demand management measure that is currently being implemented, or scheduled for implementation, including the steps necessary to implement any proposed measures, including, but not limited to, all of the following:

- (A) Water survey programs for single-family residential and multifamily residential customers.
- (B) Residential plumbing retrofit.
- (C) System water audits, leak detection, and repair.
- (D) Metering with commodity rates for all new connections and retrofit of existing connections.
- (E) Large landscape conservation programs and incentives.
- (F) High-efficiency washing machine rebate programs.
- (G) Public information programs.
- (H) School education programs.
- (I) Conservation programs for commercial, industrial, and institutional accounts.

- (J) Wholesale agency programs.
- (K) Conservation pricing.
- (L) Water conservation coordinator.
- (M) Water waste prohibition.
- (N) Residential ultra-low-flush toilet replacement programs.
- (2) A schedule of implementation for all water demand management measures proposed or described in the plan.
- (3) A description of the methods, if any, that the supplier will use to evaluate the effectiveness of water demand management measures implemented or described under the plan.
- (4) An estimate, if available, of existing conservation savings on water use within the supplier's service area, and the effect of the savings on the supplier's ability to further reduce demand.
- (g) An evaluation of each water demand management measure listed in paragraph (1) of subdivision (f) that is not currently being implemented or scheduled for implementation. In the course of the evaluation, first consideration shall be given to water demand management measures, or combination of measures, that offer lower incremental costs than expanded or additional water supplies. This evaluation shall do all of the following:
  - (1) Take into account economic and noneconomic factors, including environmental, social, health, customer impact, and technological factors.
  - (2) Include a cost-benefit analysis, identifying total benefits and total costs.
  - (3) Include a description of funding available to implement any planned water supply project that would provide water at a higher unit cost.
  - (4) Include a description of the water supplier's legal authority to implement the measure and efforts to work with other relevant agencies to ensure the implementation of the measure and to share the cost of implementation.
- (h) Include a description of all water supply projects and water supply programs that may be undertaken by the urban water supplier to meet the total projected water use as established pursuant to subdivision (a) of Section 10635. The urban water supplier shall include a detailed description of expected future projects and programs, other than the demand management programs identified pursuant to paragraph (1) of subdivision (f), that the urban water supplier may implement to increase the amount of the water supply available to the urban water supplier in average, single-dry, and multiple-dry water years. The description shall identify specific projects and include a description of the increase in water supply that is expected to be available from each project. The description shall include an estimate with regard to the implementation timeline for each project or program.
- (i) Describe the opportunities for development of desalinated water, including, but not limited to, ocean water, brackish water, and groundwater, as a long-term supply.
- (j) For purposes of this part, urban water suppliers that are members of the California Urban Water Conservation Council shall be deemed in compliance with the requirements of subdivisions (f) and (g) by complying with all the provisions of the "Memorandum of Understanding Regarding Urban Water Conservation in California,"

dated December 10, 2008, as it may be amended, and by submitting the annual reports required by Section 6.2 of that memorandum.

(k) Urban water suppliers that rely upon a wholesale agency for a source of water shall provide the wholesale agency with water use projections from that agency for that source of water in five-year increments to 20 years or as far as data is available. The wholesale agency shall provide information to the urban water supplier for inclusion in the urban water supplier's plan that identifies and quantifies, to the extent practicable, the existing and planned sources of water as required by subdivision (b), available from the wholesale agency to the urban water supplier over the same five-year increments, and during various water-year types in accordance with subdivision (c). An urban water supplier may rely upon water supply information provided by the wholesale agency in fulfilling the plan informational requirements of subdivisions (b) and (c).

**10631.1.** (a) The water use projections required by Section 10631 shall include projected water use for single-family and multifamily residential housing needed for lower income households, as defined in Section 50079.5 of the Health and Safety Code, as identified in the housing element of any city, county, or city and county in the service area of the supplier.

(b) It is the intent of the Legislature that the identification of projected water use for single-family and multifamily residential housing for lower income households will assist a supplier in complying with the requirement under Section 65589.7 of the Government Code to grant a priority for the provision of service to housing units affordable to lower income households.

**10631.5.** (a) (1) Beginning January 1, 2009, the terms of, and eligibility for, a water management grant or loan made to an urban water supplier and awarded or administered by the department, state board, or California Bay-Delta Authority or its successor agency shall be conditioned on the implementation of the water demand management measures described in Section 10631, as determined by the department pursuant to subdivision (b).

(2) For the purposes of this section, water management grants and loans include funding for programs and projects for surface water or groundwater storage, recycling, desalination, water conservation, water supply reliability, and water supply augmentation. This section does not apply to water management projects funded by the federal American Recovery and Reinvestment Act of 2009 (Public Law 111-5).

(3) Notwithstanding paragraph (1), the department shall determine that an urban water supplier is eligible for a water management grant or loan even though the supplier is not implementing all of the water demand management measures described in Section 10631, if the urban water supplier has submitted to the department for approval a schedule, financing plan, and budget, to be included in the grant or loan agreement, for implementation of the water demand management measures. The supplier may request grant or loan funds to implement the water demand management measures to the extent the request is consistent with the eligibility requirements applicable to the water management funds.

(4) (A) Notwithstanding paragraph (1), the department shall

determine that an urban water supplier is eligible for a water management grant or loan even though the supplier is not implementing all of the water demand management measures described in Section 10631, if an urban water supplier submits to the department for approval documentation demonstrating that a water demand management measure is not locally cost effective. If the department determines that the documentation submitted by the urban water supplier fails to demonstrate that a water demand management measure is not locally cost effective, the department shall notify the urban water supplier and the agency administering the grant or loan program within 120 days that the documentation does not satisfy the requirements for an exemption, and include in that notification a detailed statement to support the determination.

(B) For purposes of this paragraph, "not locally cost effective" means that the present value of the local benefits of implementing a water demand management measure is less than the present value of the local costs of implementing that measure.

(b) (1) The department, in consultation with the state board and the California Bay-Delta Authority or its successor agency, and after soliciting public comment regarding eligibility requirements, shall develop eligibility requirements to implement the requirement of paragraph (1) of subdivision (a). In establishing these eligibility requirements, the department shall do both of the following:

(A) Consider the conservation measures described in the Memorandum of Understanding Regarding Urban Water Conservation in California, and alternative conservation approaches that provide equal or greater water savings.

(B) Recognize the different legal, technical, fiscal, and practical roles and responsibilities of wholesale water suppliers and retail water suppliers.

(2) (A) For the purposes of this section, the department shall determine whether an urban water supplier is implementing all of the water demand management measures described in Section 10631 based on either, or a combination, of the following:

(i) Compliance on an individual basis.

(ii) Compliance on a regional basis. Regional compliance shall require participation in a regional conservation program consisting of two or more urban water suppliers that achieves the level of conservation or water efficiency savings equivalent to the amount of conservation or savings achieved if each of the participating urban water suppliers implemented the water demand management measures. The urban water supplier administering the regional program shall provide participating urban water suppliers and the department with data to demonstrate that the regional program is consistent with this clause. The department shall review the data to determine whether the urban water suppliers in the regional program are meeting the eligibility requirements.

(B) The department may require additional information for any determination pursuant to this section.

(3) The department shall not deny eligibility to an urban water supplier in compliance with the requirements of this section that is participating in a multiagency water project, or an integrated regional water management plan, developed pursuant to Section 75026 of the Public Resources Code, solely on the basis that one or more of

the agencies participating in the project or plan is not implementing all of the water demand management measures described in Section 10631.

(c) In establishing guidelines pursuant to the specific funding authorization for any water management grant or loan program subject to this section, the agency administering the grant or loan program shall include in the guidelines the eligibility requirements developed by the department pursuant to subdivision (b).

(d) Upon receipt of a water management grant or loan application by an agency administering a grant and loan program subject to this section, the agency shall request an eligibility determination from the department with respect to the requirements of this section. The department shall respond to the request within 60 days of the request.

(e) The urban water supplier may submit to the department copies of its annual reports and other relevant documents to assist the department in determining whether the urban water supplier is implementing or scheduling the implementation of water demand management activities. In addition, for urban water suppliers that are signatories to the Memorandum of Understanding Regarding Urban Water Conservation in California and submit biennial reports to the California Urban Water Conservation Council in accordance with the memorandum, the department may use these reports to assist in tracking the implementation of water demand management measures.

(f) This section shall remain in effect only until July 1, 2016, and as of that date is repealed, unless a later enacted statute, that is enacted before July 1, 2016, deletes or extends that date.

**10631.7.** The department, in consultation with the California Urban Water Conservation Council, shall convene an independent technical panel to provide information and recommendations to the department and the Legislature on new demand management measures, technologies, and approaches. The panel shall consist of no more than seven members, who shall be selected by the department to reflect a balanced representation of experts. The panel shall have at least one, but no more than two, representatives from each of the following: retail water suppliers, environmental organizations, the business community, wholesale water suppliers, and academia. The panel shall be convened by January 1, 2009, and shall report to the Legislature no later than January 1, 2010, and every five years thereafter. The department shall review the panel report and include in the final report to the Legislature the department's recommendations and comments regarding the panel process and the panel's recommendations.

**10632.** (a) The plan shall provide an urban water shortage contingency analysis that includes each of the following elements that are within the authority of the urban water supplier:

(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 that are applicable to each stage.

(2) An estimate of the minimum water supply available during each of the next three water years based on the driest three-year historic

sequence for the agency's water supply.

(3) Actions to be undertaken by the urban water supplier to prepare for, and implement during, a catastrophic interruption of water supplies including, but not limited to, a regional power outage, an earthquake, or other disaster.

(4) Additional, mandatory prohibitions against specific water use practices during water shortages, including, but not limited to, prohibiting the use of potable water for street cleaning.

(5) Consumption reduction methods in the most restrictive stages. Each urban water supplier may use any type of consumption reduction methods in its water shortage contingency analysis that would reduce water use, are appropriate for its area, and have the ability to achieve a water use reduction consistent with up to a 50 percent reduction in water supply.

(6) Penalties or charges for excessive use, where applicable.

(7) An analysis of the impacts of each of the actions and conditions described in paragraphs (1) to (6), inclusive, on the revenues and expenditures of the urban water supplier, and proposed measures to overcome those impacts, such as the development of reserves and rate adjustments.

(8) A draft water shortage contingency resolution or ordinance.

(9) A mechanism for determining actual reductions in water use pursuant to the urban water shortage contingency analysis.

(b) Commencing with the urban water management plan update due December 31, 2015, for purposes of developing the water shortage contingency analysis pursuant to subdivision (a), the 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.

**10633.** The plan shall provide, to the extent available, information on recycled water and its potential for use as a water source in the service area of the urban water supplier. The preparation of the plan shall be coordinated with local water, wastewater, groundwater, and planning agencies that operate within the supplier's service area, and shall include all of the following:

(a) A description of the wastewater collection and treatment systems in the supplier's service area, including a quantification of the amount of wastewater collected and treated and the methods of wastewater disposal.

(b) A description of the quantity of treated wastewater that meets recycled water standards, is being discharged, and is otherwise available for use in a recycled water project.

(c) A description of the recycled water currently being used in the supplier's service area, including, but not limited to, the type, place, and quantity of use.

(d) A description and quantification of the potential uses of recycled water, including, but not limited to, agricultural irrigation, landscape irrigation, wildlife habitat enhancement, wetlands, industrial reuse, groundwater recharge, indirect potable reuse, and other appropriate uses, and a determination with regard to the technical and economic feasibility of serving those uses.

(e) The projected use of recycled water within the supplier's

service area at the end of 5, 10, 15, and 20 years, and a description of the actual use of recycled water in comparison to uses previously projected pursuant to this subdivision.

(f) A description of actions, including financial incentives, which may be taken to encourage the use of recycled water, and the projected results of these actions in terms of acre-feet of recycled water used per year.

(g) A plan for optimizing the use of recycled water in the supplier's service area, including actions to facilitate the installation of dual distribution systems, to promote recirculating uses, to facilitate the increased use of treated wastewater that meets recycled water standards, and to overcome any obstacles to achieving that increased use.

**10634.** The plan shall include information, to the extent practicable, relating to the quality of existing sources of water available to the supplier over the same five-year increments as described in subdivision (a) of Section 10631, and the manner in which water quality affects water management strategies and supply reliability.

## **WATER CODE**

### **SECTION 10635**

**10635.** (a) Every urban water supplier shall include, as part of its urban water management plan, an assessment of the reliability of its water service to its customers during normal, dry, and multiple dry water years. This water supply and demand assessment shall compare the total water supply sources available to the water supplier with the total projected water use over the next 20 years, in five-year increments, for a normal water year, a single dry water year, and multiple dry water years. The water service reliability assessment shall be based upon the information compiled pursuant to Section 10631, including available data from state, regional, or local agency population projections within the service area of the urban water supplier.

(b) The urban water supplier shall provide that portion of its urban water management plan prepared pursuant to this article to any city or county within which it provides water supplies no later than 60 days after the submission of its urban water management plan.

(c) Nothing in this article is intended to create a right or entitlement to water service or any specific level of water service.

(d) Nothing in this article is intended to change existing law concerning an urban water supplier's obligation to provide water service to its existing customers or to any potential future customers.

## **WATER CODE**

### **SECTION 10640-10645**

**10640.** Every urban water supplier required to prepare a plan pursuant to this part shall prepare its plan pursuant to Article 2 (commencing with Section 10630).

The supplier shall likewise periodically review the plan as required by Section 10621, and any amendments or changes required as a result of that review shall be adopted pursuant to this article.

**10641.** An urban water supplier required to prepare a plan may consult with, and obtain comments from, any public agency or state agency or any person who has special expertise with respect to water demand management methods and techniques.

**10642.** Each urban water supplier shall encourage the active involvement of diverse social, cultural, and economic elements of the population within the service area prior to and during the preparation of the plan. Prior to adopting a plan, the urban water supplier shall make the plan available for public inspection and shall hold a public hearing thereon. Prior to the hearing, notice of the time and place of hearing shall be published within the jurisdiction of the publicly owned water supplier pursuant to Section 6066 of the Government Code. The urban water supplier shall provide notice of the time and place of hearing to any city or county within which the supplier provides water supplies. A privately owned water supplier shall provide an equivalent notice within its service area. After the hearing, the plan shall be adopted as prepared or as modified after the hearing.

**10643.** An urban water supplier shall implement its plan adopted pursuant to this chapter in accordance with the schedule set forth in its plan.

**10644.** (a) An urban water supplier shall submit to the department, the California State Library, and any city or county within which the supplier provides water supplies a copy of its plan no later than 30 days after adoption. Copies of amendments or changes to the plans shall be submitted to the department, the California State Library, and any city or county within which the supplier provides water supplies within 30 days after adoption.

(b) The department shall prepare and submit to the Legislature, on or before December 31, in the years ending in six and one, a report summarizing the status of the plans adopted pursuant to this part. The report prepared by the department shall identify the exemplary elements of the individual plans. The department shall provide a copy of the report to each urban water supplier that has submitted its plan to the department. The department shall also prepare reports and provide data for any legislative hearings designed to consider the effectiveness of plans submitted pursuant to this part.

(c) (1) For the purpose of identifying the exemplary elements of the individual plans, the department shall identify in the report those water demand management measures adopted and implemented by specific urban water suppliers, and identified pursuant to Section

10631, that achieve water savings significantly above the levels established by the department to meet the requirements of Section 10631.5.

(2) The department shall distribute to the panel convened pursuant to Section 10631.7 the results achieved by the implementation of those water demand management measures described in paragraph (1).

(3) The department shall make available to the public the standard the department will use to identify exemplary water demand management measures.

**10645.** Not later than 30 days after filing a copy of its plan with the department, the urban water supplier and the department shall make the plan available for public review during normal business hours.

## **WATER CODE**

### **SECTION 10650-10656**

**10650.** Any actions or proceedings to attack, review, set aside, void, or annul the acts or decisions of an urban water supplier on the grounds of noncompliance with this part shall be commenced as follows:

(a) An action or proceeding alleging failure to adopt a plan shall be commenced within 18 months after that adoption is required by this part.

(b) Any action or proceeding alleging that a plan, or action taken pursuant to the plan, does not comply with this part shall be commenced within 90 days after filing of the plan or amendment thereto pursuant to Section 10644 or the taking of that action.

**10651.** In any action or proceeding to attack, review, set aside, void, or annul a plan, or an action taken pursuant to the plan by an urban water supplier on the grounds of noncompliance with this part, the inquiry shall extend only to whether there was a prejudicial abuse of discretion. Abuse of discretion is established if the supplier has not proceeded in a manner required by law or if the action by the water supplier is not supported by substantial evidence.

**10652.** The California Environmental Quality Act (Division 13 (commencing with Section 21000) of the Public Resources Code) does not apply to the preparation and adoption of plans pursuant to this part or to the implementation of actions taken pursuant to Section 10632. Nothing in this part shall be interpreted as exempting from the California Environmental Quality Act any project that would significantly affect water supplies for fish and wildlife, or any project for implementation of the plan, other than projects implementing Section 10632, or any project for expanded or additional water supplies.

**10653.** The adoption of a plan shall satisfy any requirements of state law, regulation, or order, including those of the State Water Resources Control Board and the Public Utilities Commission, for the preparation of water management plans or conservation plans; provided, that if the State Water Resources Control Board or the Public Utilities Commission requires additional information concerning water conservation to implement its existing authority, nothing in this part shall be deemed to limit the board or the commission in obtaining that information. The requirements of this part shall be satisfied by any urban water demand management plan prepared to meet federal laws or regulations after the effective date of this part, and which substantially meets the requirements of this part, or by any existing urban water management plan which includes the contents of a plan required under this part.

**10654.** An urban water supplier may recover in its rates the costs incurred in preparing its plan and implementing the reasonable water conservation measures included in the plan. Any best water management practice that is included in the plan that is identified in the

"Memorandum of Understanding Regarding Urban Water Conservation in California" is deemed to be reasonable for the purposes of this section.

**10655.** If any provision of this part or the application thereof to any person or circumstances is held invalid, that invalidity shall not affect other provisions or applications of this part which can be given effect without the invalid provision or application thereof, and to this end the provisions of this part are severable.

**10656.** An urban water supplier that does not prepare, adopt, and submit its urban water management plan to the department in accordance with this part, is ineligible to receive funding pursuant to Division 24 (commencing with Section 78500) or Division 26 (commencing with Section 79000), or receive drought assistance from the state until the urban water management plan is submitted pursuant to this article.

**APPENDIX B**  
**CALIFORNIA MODEL WATER EFFICIENT LANDSCAPE ORDINANCE**

**APPENDIX C**  
**60-DAY NOTICE**



711 W. Cinnamon Drive • Lemoore, California 93245 • (559) 924-6744 • Fax (559) 924-6708  
Public Works Department

May 21, 2026

Dennis Mills  
Kings County Water District  
200 Campus Drive  
Hanford, CA 93230

**RE: City of Lemoore 2025 Urban Water Management Plan Update – 60-Day Notice of Preparation**

The Urban Water Management Planning Act (California Water Code Sections 10610 through 10657) requires every urban water supplier to prepare and adopt an Urban Water Management Plan (UWMP) every five years, in years ending in six and one. Pursuant to Section 10621 of the Act, the City of Lemoore (City) is required to update and submit its 2025 UWMP to the California Department of Water Resources by July 1, 2026.

The UWMP serves as a long-term planning document intended to evaluate the City's current and projected water supplies, water supply reliability, and water conservation efforts.

In accordance with the Act, this letter serves as the required 60-day notice that the City has initiated preparation of its 2025 UWMP. A draft copy of the 2025 UWMP will be made available on the City's website at:

<https://lemoore.com/public-works/water-sewer-and-refuse#/>

The City anticipates conducting the Public Hearing and considering adoption of the 2025 UWMP at one of the following City Council meetings, depending on agenda availability: July 21, August 4, or August 18, 2026.

The public hearing will provide an opportunity for community members and interested agencies to provide input regarding the City's water supply reliability, the economic impacts associated with compliance with the Act, and the City's Water Shortage Contingency Plan. Notice of the public hearing will be published at least twice in the Lemoore Sentinel and posted with the City Council agenda on the City's website prior to the meeting.

If you have comments regarding the City's 2025 UWMP, please submit them to the City prior to the public hearing. Written comments may be submitted to the City Clerk by mail or email ([mavalos@lemoore.com](mailto:mavalos@lemoore.com)) to the City of Lemoore.

Sincerely,

Neyba Amezcua  
QK, Principal Project Manager

If you have any questions, please contact the City's Contract City Engineer team at:  
Neyba Amezcua, [Neyba.Amezcua@qkinc.com](mailto:Neyba.Amezcua@qkinc.com) or Estevan Benabides, [ebenavides@lemoore.com](mailto:ebenavides@lemoore.com)

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711 W. Cinnamon Drive • Lemoore, California 93245 • (559) 924-6744 • Fax (559) 924-6708  
Public Works Department

May 21, 2026

Chuck Kinney  
Kings County  
1400 West Lacey Boulevard  
Hanford, CA 93230

**RE: City of Lemoore 2025 Urban Water Management Plan Update – 60-Day Notice of Preparation**

The Urban Water Management Planning Act (California Water Code Sections 10610 through 10657) requires every urban water supplier to prepare and adopt an Urban Water Management Plan (UWMP) every five years, in years ending in six and one. Pursuant to Section 10621 of the Act, the City of Lemoore (City) is required to update and submit its 2025 UWMP to the California Department of Water Resources by July 1, 2026.

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711 W. Cinnamon Drive • Lemoore, California 93245 • (559) 924-6744 • Fax (559) 924-6708  
Public Works Department

May 21, 2026

David Merritt  
Kings River Conservation District  
4886 E. Jensen Avenue  
Fresno, CA 93725

**RE: City of Lemoore 2025 Urban Water Management Plan Update – 60-Day Notice of Preparation**

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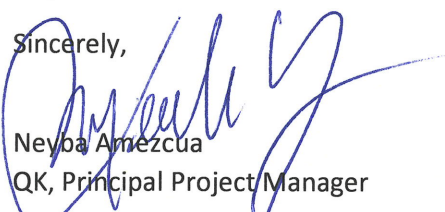
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711 W. Cinnamon Drive • Lemoore, California 93245 • (559) 924-6744 • Fax (559) 924-6708  
Public Works Department

May 21, 2026

Scott Sills  
Laguna Irrigation District  
5065 19 1/2 Avenue  
Riverdale, CA 93656

**RE: City of Lemoore 2025 Urban Water Management Plan Update – 60-Day Notice of Preparation**

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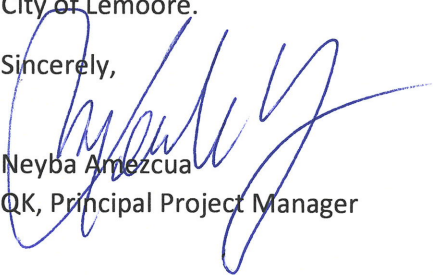
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Public Works Department

May 21, 2026

Lemoore Canal and Irrigation Company  
877 W. Iona Avenue  
Lemoore, CA 93245

**RE: City of Lemoore 2025 Urban Water Management Plan Update – 60-Day Notice of Preparation**

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Public Works Department

May 21, 2026

Johnny Gailey  
South Fork Kings GSA  
321 C Street  
Lemoore, CA 93245

**RE: City of Lemoore 2025 Urban Water Management Plan Update – 60-Day Notice of Preparation**

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**APPENDIX D**  
**ADOPTED RESOLUTION**

**(TO BE INCLUDED WITH FINAL 2025 UWMP)**

**APPENDIX E**  
**LETTER OF TRANSMITTAL**

**(TO BE INCLUDED WITH FINAL 2025 UWMP)**

**APPENDIX F**  
**CHECKLIST ARRANGED BY SUBJECT**

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## Appendix F

# Urban Water Management Plan Checklist

This appendix shows the checklist of specific Urban Water Management Plan (UWMP) requirements. The California Department of Water Resources (DWR) asks urban water suppliers (Suppliers) to complete this checklist as part of their 2025 Urban Water Management Plan (UWMP). A Microsoft Excel version of this table is available on the Water Use Efficiency Data Portal ([WUEdata portal](#)). On the portal, scroll down to the “Resources” section, and click through to the file.

In the table, suppliers should enter information in the far-right column labeled “2025 UWMP Location,” and indicate the page number in their UWMP where a requirement is addressed.

This checklist may be submitted with the 2025 UWMP and helps DWR reviewers assess whether a UWMP addresses Water Code requirements.

Table F-1. Urban Water Management Plan Checklist

| Retail<br>(x = required) | Wholesale<br>(x = required) | 2025 Guidebook<br>Location | Water Code<br>Section | Summary as Applies to UWMP                                                                                                                                                                                                                                                                       | Subject                          | Relevant<br>Submittal<br>Table | 2025<br>UWMP<br>Location |
|--------------------------|-----------------------------|----------------------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------|--------------------------|
| x                        | x                           | Chapter 1                  | 10615                 | A plan shall describe and evaluate sources of supply, reasonable and practical efficient uses, reclamation and demand management activities.                                                                                                                                                     | Introduction and overview        | n/a                            |                          |
| x                        | x                           | Chapter 1                  | 10630.5               | Each plan shall include a simple description of the Supplier’s plan including water availability, future requirements, a strategy for meeting needs, and other pertinent information. Additionally, a Supplier may also choose to include a simple description at the beginning of each chapter. | Plan preparation                 | n/a                            |                          |
| x                        | x                           | Section 2.1                | 10620(b)              | Every person that becomes a Supplier shall adopt UWMP within one year after it has become a Supplier.                                                                                                                                                                                            | Plan preparation                 | n/a                            |                          |
| x                        | n/a                         | Section 2.5                | 10644                 | Supplier shall report the Public Water Systems number, volume of delivered water, and number of connections that are included in this UWMP.                                                                                                                                                      | Plan preparation                 | 2-1                            |                          |
| x                        | x                           | Section 2.5                | 10644                 | Supplier shall report if this UWMP is an individual UWMP and whether the Supplier belongs to a regional UWMP or regional alliance.                                                                                                                                                               | Plan preparation                 | 2-2                            |                          |
| x                        | x                           | Section 2.5                | 10644                 | Supplier shall report whether the data is in fiscal or calendar years and the units of measure used for reporting water volumes.                                                                                                                                                                 | Plan preparation                 | 2-3                            |                          |
| x                        | x                           | Section 2.4                | 10642                 | Provide supporting documentation that the Supplier has encouraged active involvement of diverse social, cultural, and economic elements of the population within the service area prior to and during the preparation of the plan and contingency plan.                                          | Plan preparation                 | n/a                            |                          |
| x                        | x                           | Section 2.4.2              | 10620(d)(3)           | Coordinate the preparation of its plan with other appropriate agencies in the area, including other Suppliers that share a common source, water management agencies, and relevant public agencies, to the extent practicable.                                                                    | Plan preparation                 | n/a                            |                          |
| x                        | n/a                         | Section 2.4.1              | 10631(h)              | Retail Suppliers will include documentation that they have provided their Wholesale Supplier(s)—if any—with water use projections from that source.                                                                                                                                              | Plan preparation                 | 2-4 R                          |                          |
| n/a                      | x                           | Section 2.4.1              | 10631(h)              | Wholesale Suppliers will provide their Suppliers with identification and quantification of the existing and planned sources of water available from the Wholesale Supplier to the Supplier during various water year types.                                                                      | Plan preparation                 | 2-4 W                          |                          |
| x                        | x                           | Chapter 3.0                | 10631(a)              | Describe the Supplier service area.                                                                                                                                                                                                                                                              | System description               | n/a                            |                          |
| x                        | x                           | Section 3.3                | 10631(a)              | Describe the climate of the Supplier’s service area.                                                                                                                                                                                                                                             | System description               | n/a                            |                          |
| x                        | x                           | Section 3.4.1              | 10631(a)              | Provide the current and projected service area populations for 2030, 2035, 2040, 2045 and optionally 2050.                                                                                                                                                                                       | System description               | 3-1                            |                          |
| x                        | x                           | Section 3.4.2              | 10631(a)              | Describe other social, economic, and demographic factors affecting the Supplier’s water management planning.                                                                                                                                                                                     | System description               | n/a                            |                          |
| x                        | x                           | Section 3.5                | 10631(a)              | Describe the land uses within the service area... include the current and projected land uses within the existing or anticipated service area affecting the Supplier’s water management planning. Describe the land uses within the service area.                                                | System description and baselines | n/a                            |                          |
| x                        | Optional                    | Sections 4.2.3 and 4.2.4   | 10631(d)(1)           | Quantify past, current, and projected water use, identifying the uses among water use sectors.                                                                                                                                                                                                   | System water use                 | 4-1 and 4-2                    |                          |
| x                        | Optional                    | Section 4.3.1              | 10631(d)(3)(A)        | Report the distribution system water loss for each of the five years preceding the plan update.                                                                                                                                                                                                  | System water use                 | 4-5                            |                          |
| x                        | n/a                         | Section 4.3.2              | 10631(d)(3)(C)        | Retail Suppliers shall provide data to show the distribution loss standards were met.                                                                                                                                                                                                            | System water use                 | 4-6                            |                          |
| x                        | n/a                         | Section 4.2.5.4            | 10631.1(a)            | Include projected water use needed for lower income housing projected in the service area of the Supplier.                                                                                                                                                                                       | System water use                 | 4-3                            |                          |
| x                        | n/a                         | Section 4.2.5.3            | 10631(d)(4)(A)        | In projected water use, include estimates of water savings from adopted codes, plans, and other policies or laws.                                                                                                                                                                                | System water use                 | 4-3                            |                          |

| Retail<br>(x = required) | Wholesale<br>(x = required) | 2025 Guidebook<br>Location | Water Code<br>Section | Summary as Applies to UWMP                                                                                                                                                                                                                                                                                                                                                                           | Subject                           | Relevant<br>Submittal<br>Table | 2025<br>UWMP<br>Location |
|--------------------------|-----------------------------|----------------------------|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--------------------------------|--------------------------|
| x                        | n/a                         | Section 4.2.5.3            | 10631(d)(4)(B)        | Provide citations of codes, standards, ordinances, or plans used to make water use projections.                                                                                                                                                                                                                                                                                                      | System water use                  | 4-3                            |                          |
| x                        | n/a                         | Section 4.2.5.3            | 10631(d)(4)(B)(ii)    | To the extent that a Supplier reports the information described in subparagraph (A), an urban water Supplier shall... Indicate the extent that the water use projections consider savings from codes, standards, ordinances, or transportation and land use plans. Water use projections that do not account for these water savings shall be noted of that fact.                                    | System water use                  | 4-3                            |                          |
| x                        | x                           | Section 4.2.5.6            | 10635(b)              | Demands under climate change considerations must be included as part of the drought risk assessment.                                                                                                                                                                                                                                                                                                 | System water use                  | n/a                            |                          |
| n/a                      | x                           | Section 5.1                | 10608.36              | Wholesale Suppliers shall include an assessment of present and proposed future measures, programs, and policies to help their Retail Suppliers achieve targeted water use reductions.                                                                                                                                                                                                                | Baselines and targets             | n/a                            |                          |
| x                        | n/a                         | Section 5.2                | 10608.40              | Retail Suppliers shall report on their compliance in meeting their water use targets. Reporting requirements will vary depending on whether the Supplier:<br>- Was considered an urban retail water supplier in 2020,<br>- Met its 2020 target in 2020, or<br>- Was part of a merger or consolidation since 2020.<br>Chapter 5 Subsections 5.2.1, 5.2.2, and 5.2.3 address each of these situations. | Baselines and targets             | 5-1                            |                          |
| x                        | x                           | Section 6.1                | 10631(b)(2)           | When multiple sources of water supply are identified, describe the management of each supply in relationship to other identified supplies.                                                                                                                                                                                                                                                           | System supplies                   | n/a                            |                          |
| x                        | x                           | Sections 6.1 and 6.2       | 10631(b)(1)           | Provide a discussion of anticipated supply availability under a normal, single dry year, and a drought lasting five years, as well as more frequent and severe periods of drought, including changes in supply due to climate change.                                                                                                                                                                | System supplies                   | n/a                            |                          |
| x                        | x                           | Section 6.2.2              | 10631(b)(4)(C)        | Indicate whether groundwater is an existing or planned source of water available to the Supplier. If groundwater is identified as an existing or planned source of water... (include) a detailed description and analysis of the location, amount and sufficiency of groundwater pumped by the Supplier for the past five years.                                                                     | Water supplies and recycled water | 6-1                            |                          |
| x                        | x                           | Section 6.2.2              | 10631(b)(4)(A)        | Indicate whether a groundwater sustainability plan or groundwater management plan has been adopted by the Supplier or if there is any other specific authorization for groundwater management. Include a copy of the plan or authorization.                                                                                                                                                          | System supplies                   | n/a                            |                          |
| x                        | x                           | Section 6.2.2              | 10631(b)(4)(B)        | Describe the groundwater basin.                                                                                                                                                                                                                                                                                                                                                                      | System supplies                   | n/a                            |                          |
| x                        | x                           | Section 6.2.2              | 10631(b)(4)(B)        | Indicate if the basin has been adjudicated and include a copy of the court order or decree and a description of the amount of water the Supplier has the legal right to pump.                                                                                                                                                                                                                        | System supplies                   | n/a                            |                          |
| x                        | x                           | Section 6.2.2              | 10631(b)(4)(B)        | For unadjudicated basins... (include) information as to whether DWR has identified the basin as a high- or medium-priority basin in the most current official departmental bulletin...                                                                                                                                                                                                               | Water supplies and recycled water | n/a                            |                          |
| x                        | x                           | Section 6.2.2              | 10631(b)(4)(B)        | For unadjudicated basins... describe efforts by the Supplier to coordinate with sustainability or groundwater agencies to achieve sustainable groundwater conditions.                                                                                                                                                                                                                                | Water supplies and recycled water | n/a                            |                          |
| x                        | x                           | Section 6.2.2.             | 10631(b)(4)(C)        | If groundwater is identified as an existing or planned source of water... (include) a detailed description and analysis of the location, amount and sufficiency of groundwater pumped by the Supplier for the past five years.                                                                                                                                                                       | System supplies                   | n/a                            |                          |
| x                        | x                           | Section 6.2.2              | 10631(b)(4)(D)        | Provide a detailed description and analysis of the amount and location of groundwater that is projected to be pumped.                                                                                                                                                                                                                                                                                | System supplies                   | 6-9                            |                          |
| x                        | x                           | Section 6.1                | 10631(b)              | Identify and quantify the existing and planned sources of water available for 2025, 2030, 2035, 2040, 2045 and optionally 2050.                                                                                                                                                                                                                                                                      | System supplies                   | 6-8 and 6-9                    |                          |
| x                        | x                           | Section 6.2.7              | 10631(c)              | Describe the opportunities for exchanges or transfers of water on a short-term or long-term basis.                                                                                                                                                                                                                                                                                                   | System supplies                   | n/a                            |                          |

| Retail<br>(x = required) | Wholesale<br>(x = required) | 2025 Guidebook<br>Location    | Water Code<br>Section | Summary as Applies to UWMP                                                                                                                                                                                                                                                  | Subject                                | Relevant<br>Submittal<br>Table   | 2025<br>UWMP<br>Location |
|--------------------------|-----------------------------|-------------------------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|----------------------------------|--------------------------|
| x                        | n/a                         | Section 6.2.5                 | 10633(a)              | Describe the wastewater collection and treatment systems in the Supplier's service area with quantified amount of collection and treatment and the disposal methods.                                                                                                        | System supplies<br>(recycled water)    | 6-2                              |                          |
| x                        | x                           | Section 6.2.5                 | 10633(b)              | Describe the quantity of treated wastewater that meets recycled water standards, is being discharged, and is otherwise available for use in a recycled water project.                                                                                                       | System supplies<br>(recycled water)    | 6-3                              |                          |
| x                        | x                           | Section 6.2.5                 | 10633(c)              | Describe the recycled water currently being used in the Supplier's service area.                                                                                                                                                                                            | System supplies<br>(recycled water)    | 6-4                              |                          |
| x                        | x                           | Section 6.2.5                 | 10633(d)              | Describe and quantify the potential uses of recycled water and provide a determination of the technical and economic feasibility of those uses.                                                                                                                             | System supplies<br>(recycled water)    | 6-4                              |                          |
| x                        | x                           | Section 6.2.5                 | 10633(e)              | Describe the projected use of recycled water within the Supplier's service area at the end of 5, 10, 15, and 20 years, and describe the actual use of recycled water in comparison to uses previously projected.                                                            | System supplies<br>(recycled water)    | 6-4 and 6-5                      |                          |
| x                        | x                           | Section 6.2.5                 | 10633(f)              | Describe the actions that may be taken to encourage the use of recycled water and the projected results of these actions in terms of acre-feet of recycled water used per year.                                                                                             | System supplies<br>(recycled water)    | 6-6                              |                          |
| x                        | x                           | Section 6.2.5                 | 10633(g)              | Provide a plan for optimizing the use of recycled water in the Supplier's service area.                                                                                                                                                                                     | System supplies<br>(recycled water)    | n/a                              |                          |
| x                        | x                           | Section 6.2.6                 | 10631(g)              | Describe desalinated water project opportunities for long-term supply.                                                                                                                                                                                                      | System supplies                        | 6-7                              |                          |
| x                        | x                           | Section 6.2.10                | 10631(f)              | Describe the expected future water supply projects and programs that may be undertaken by the water Supplier to address water supply reliability in average, single-dry, and for a period of drought lasting five consecutive water years.                                  | System supplies                        | 6-7                              |                          |
| x                        | x                           | Section 6.3 and<br>Appendix O | 10631.2(a)            | The UWMP must include energy information, as stated in the code, that a Supplier can readily obtain.                                                                                                                                                                        | System suppliers,<br>energy intensity  | O-1A, O-1B,<br>O-1C, and O-<br>2 |                          |
| x                        |                             | Section 7.1                   | 10634                 | Provide information on the quality of existing sources of water available to the Supplier and the manner in which water quality affects water management strategies and supply reliability.                                                                                 | Water supply<br>reliability assessment | n/a                              |                          |
| x                        | x                           | Section 7.2                   | 10635(a)              | Service Reliability Assessment: Assess the water supply reliability during normal, dry, and a drought lasting five consecutive water years by comparing the total water supply sources available to the Supplier with the total projected water use over the next 20 years. | Water supply<br>reliability assessment | 7-2, 7-3, and<br>7-4             |                          |
| x                        | x                           | Section 7.2.3                 | 10620(f)              | Describe water management tools and options to maximize resources and minimize the need to import water from other regions.                                                                                                                                                 | Water supply<br>reliability assessment | n/a                              |                          |
| x                        | x                           | Section 7.3                   | 10635(b)              | Provide a drought risk assessment as part of information considered in developing the demand management measures and water supply projects.                                                                                                                                 | Water supply<br>reliability assessment | n/a                              |                          |
| x                        | x                           | Section 7.3                   | 10635(b)(1)           | Include a description of the data, methodology, and basis for one or more supply shortage conditions that are necessary to conduct a drought risk assessment for a drought period that lasts five consecutive years.                                                        | Water supply<br>reliability assessment | n/a                              |                          |
| x                        | x                           | Section 7.3                   | 10635(b)(2)           | Include a determination of the reliability of each source of supply under a variety of water shortage conditions.                                                                                                                                                           | Water supply<br>reliability assessment | n/a                              |                          |
| x                        | x                           | Section 7.3                   | 10635(b)(3)           | Include a comparison of the total water supply sources available to the Supplier with the total projected water use for the drought period.                                                                                                                                 | Water supply<br>reliability assessment | 7-5                              |                          |
| x                        | x                           | Section 7.3                   | 10635(b)(4)           | Include considerations of the historical drought hydrology, plausible changes on projected supplies and demands under climate change conditions, anticipated regulatory changes, and other locally applicable criteria.                                                     | Water supply<br>reliability assessment | n/a                              |                          |
| x                        | x                           | Chapter 8                     | 10632(a)              | Provide a water shortage contingency plan (WSCP) with specified elements below.                                                                                                                                                                                             | Water shortage<br>contingency planning | n/a                              |                          |

| Retail<br>(x = required) | Wholesale<br>(x = required) | 2025 Guidebook<br>Location | Water Code<br>Section             | Summary as Applies to UWMP                                                                                                                                                                                                                                                                                                                                               | Subject                             | Relevant<br>Submittal<br>Table | 2025<br>UWMP<br>Location |
|--------------------------|-----------------------------|----------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------------|--------------------------|
| x                        | x                           | Chapter 8                  | 10632(a)(1)                       | Provide an analysis of water supply reliability (from Guidebook Chapter 7) in the WSCP.                                                                                                                                                                                                                                                                                  | Water shortage contingency planning | n/a                            |                          |
| x                        | x                           | Section 8.2                | 10632(a)(2)(A)                    | Provide the written decision-making process and other methods that the Supplier will use each year to determine its water reliability.                                                                                                                                                                                                                                   | Water shortage contingency planning | n/a                            |                          |
| x                        | x                           | Section 8.2                | 10632(a)(2)(B)                    | Provide data and methodology to evaluate the Supplier’s water reliability for the current year and one dry year pursuant to factors in the code.                                                                                                                                                                                                                         | Water shortage contingency planning | n/a                            |                          |
| x                        | x                           | Section 8.3                | 10632(a)(3)(A)                    | Define six standard water shortage levels of 10%, 20%, 30%, 40%, 50% shortage, and greater than 50% shortage. These levels shall be based on supply conditions, including percent reductions in supply, changes in groundwater levels, changes in surface elevation, or other conditions. The shortage levels shall also apply to a catastrophic interruption of supply. | Water shortage contingency planning | n/a                            |                          |
| x                        | x                           | Section 8.3                | 10632(a)(3)(B)                    | Suppliers with an existing WSCP that uses different water shortage levels must cross reference their categories with the six standard categories.                                                                                                                                                                                                                        | Water shortage contingency planning | 8-1                            |                          |
| x                        | x                           | Section 8.4                | 10632(a)(4)(A)                    | Suppliers with WSCPs that align with the defined shortage levels must specify locally appropriate supply augmentation actions.                                                                                                                                                                                                                                           | Water shortage contingency planning | 8-2                            |                          |
| x                        | x                           | Section 8.4                | 10632(a)(4)(B)                    | Specify locally appropriate demand reduction actions to adequately respond to shortages.                                                                                                                                                                                                                                                                                 | Water shortage contingency planning | 8-3                            |                          |
| x                        | x                           | Section 8.4                | 10632(a)(4)(C)                    | Specify locally appropriate operational changes.                                                                                                                                                                                                                                                                                                                         | Water shortage contingency planning | 8-2                            |                          |
| x                        | x                           | Section 8.4                | 10632(a)(4)(D)                    | Specify additional mandatory prohibitions against specific water use practices that are in addition to State-mandated prohibitions are appropriate to local conditions.                                                                                                                                                                                                  | Water shortage contingency planning | Table 8-3                      |                          |
| x                        | x                           | Section 8.4                | 10632(a)(4)(E)                    | Estimate the extent to which the gap between supplies and demand will be reduced by implementation of the action.                                                                                                                                                                                                                                                        | Water shortage contingency planning | 8-2 and 8-3                    |                          |
| x                        | x                           | Section 8.4.6              | 10632.5                           | The UWMP shall include a seismic risk assessment and mitigation plan.                                                                                                                                                                                                                                                                                                    | Water shortage contingency plan     | n/a                            |                          |
| x                        | x                           | Section 8.5                | 10632(a)(5)(A)                    | Suppliers must describe that they will inform customers, the public and others regarding any current or predicted water shortages.                                                                                                                                                                                                                                       | Water shortage contingency planning | n/a                            |                          |
| x                        | x                           | Section 8.5                | 10632(a)(5)(B),<br>10632(a)(5)(C) | Suppliers must describe that they will inform customers, the public and others regarding any shortage response actions triggered or anticipated to be triggered and other relevant communications.                                                                                                                                                                       | Water shortage contingency planning | n/a                            |                          |
| x                        | n/a                         | Section 8.6                | 10632(a)(6)                       | Retail Supplier must describe how it will ensure compliance with and enforce provisions of the WSCP.                                                                                                                                                                                                                                                                     | Water shortage contingency planning | n/a                            |                          |
| x                        | x                           | Section 8.7                | 10632(a)(7)(A)                    | Describe the legal authority that empowers the Supplier to enforce shortage response actions.                                                                                                                                                                                                                                                                            | Water shortage contingency planning | n/a                            |                          |
| x                        | x                           | Section 8.7                | 10632(a)(7)(B)                    | Provide a statement that the Supplier will declare a water shortage emergency per Water Code Chapter 3. <i>Water Shortage Emergencies</i> .                                                                                                                                                                                                                              | Water shortage contingency planning | n/a                            |                          |
| x                        | x                           | Section 8.7                | 10632(a)(7)(C)                    | Provide a statement that the Supplier will coordinate with any city or county within which it provides water for the possible proclamation of a local emergency.                                                                                                                                                                                                         | Water shortage contingency planning | n/a                            |                          |
| x                        | x                           | Section 8.8                | 10632(a)(8)(A)                    | Describe the potential revenue reductions and expense increases associated with activated shortage response actions.                                                                                                                                                                                                                                                     | Water shortage contingency planning | n/a                            |                          |
| x                        | x                           | Section 8.8                | 10632(a)(8)(B)                    | Provide a description of mitigation actions needed to address revenue reductions and expense increases associated with activated shortage response actions.                                                                                                                                                                                                              | Water shortage contingency planning | n/a                            |                          |
| x                        | n/a                         | Section 8.8                | 10632(a)(8)(C)                    | Retail Suppliers must describe the cost of compliance with Water Code Chapter 3.3, <i>Excessive Residential Water Use During Drought</i> .                                                                                                                                                                                                                               | Water shortage contingency planning | n/a                            |                          |

| Retail<br>(x = required) | Wholesale<br>(x = required) | 2025 Guidebook<br>Location      | Water Code<br>Section | Summary as Applies to UWMP                                                                                                                                                                                        | Subject                                      | Relevant<br>Submittal<br>Table | 2025<br>UWMP<br>Location |
|--------------------------|-----------------------------|---------------------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------------|--------------------------|
| x                        | n/a                         | Section 8.9                     | 10632(a)(9)           | Retail Suppliers must describe the monitoring and reporting requirements and procedures that ensure appropriate data are collected, tracked, and analyzed for purposes of monitoring customer compliance.         | Water shortage contingency planning          | n/a                            |                          |
| x                        | x                           | Section 8.10                    | 10632(a)(10)          | Describe reevaluation and improvement procedures for monitoring and evaluation the WSCP to ensure risk tolerance is adequate and appropriate water shortage mitigation strategies are implemented.                | Water shortage contingency planning          | n/a                            |                          |
| x                        | n/a                         | Section 8.11                    | 10632(b)              | Analyze and define water features that are artificially supplied with water, including ponds, lakes, waterfalls, and fountains, separately from swimming pools and spas.                                          | Water shortage contingency planning          | n/a                            |                          |
| x                        | x                           | Section 8.12                    | 10632(c)              | Make available the WSCP to customers and any city or county where it provides water within 30 days after adoption of the plan.                                                                                    | Water shortage contingency planning          | n/a                            |                          |
| x                        | n/a                         | Sections 9.1                    | 10631(e)(1)           | Retail Suppliers shall provide a description of the nature and extent of each demand management measure implemented over the past five years. The description will address specific measures listed in code.      | Demand management measures                   | n/a                            |                          |
| n/a                      | x                           | Sections 9.2                    | 10631(e)(2)           | Wholesale Suppliers shall describe specific demand management measures listed in code, their distribution system asset management program, and Supplier assistance program.                                       | Demand management measures                   | n/a                            |                          |
| x                        | n/a                         | Chapter 10                      | 10608.26(a)           | Retail Suppliers shall conduct a public hearing to discuss adoption, implementation, and economic impact of water use targets (recommended to discuss compliance).                                                | Plan adoption, submittal, and implementation | n/a                            |                          |
| x                        | x                           | Section 10.2.1                  | 10621(b)              | Notify, at least 60 days prior to the public hearing, any city or county within which the Supplier provides water that the Supplier will be reviewing the UWMP and considering amendments or changes to the plan. | Plan adoption, submittal, and implementation | 10-1                           |                          |
| x                        | x                           | Section 10.4                    | 10621(f)              | Each urban water Supplier shall update and submit its 2025 plan to DWR by July 1, 2026.                                                                                                                           | Plan adoption, submittal, and implementation | n/a                            |                          |
| x                        | x                           | Sections 10.2.2, 10.3, and 10.5 | 10642                 | Provide supporting documentation that the Supplier made the UWMP and WSCP available for public inspection, published notice of the public hearing, and held a public hearing about the UWMP and WSCP.             | Plan adoption, submittal, and implementation | n/a                            |                          |
| x                        | x                           | Section 10.2.2                  | 10642                 | The Supplier is to provide the time and place of the hearing to any city or county within which the Supplier provides water.                                                                                      | Plan adoption, submittal, and implementation | 10-1                           |                          |
| x                        | x                           | Section 10.3.2                  | 10642                 | Provide supporting documentation that the UWMP and WSCP has been adopted as prepared or modified.                                                                                                                 | Plan adoption, submittal, and implementation | n/a                            |                          |
| x                        | x                           | Section 10.4                    | 10644(a)              | Provide supporting documentation that the Supplier has submitted their UWMP to the California State Library.                                                                                                      | Plan adoption, submittal, and implementation | n/a                            |                          |
| x                        | x                           | Section 10.4                    | 10644(a)(1)           | Provide supporting documentation that the Supplier has submitted their UWMP to any city or county within which the Supplier provides water no later than 30 days after adoption.                                  | Plan adoption, submittal, and implementation | n/a                            |                          |
| x                        | x                           | Sections 10.4.1 and 10.4.2      | 10644(a)(2)           | The UWMP, or amendments to the UWMP, submitted to DWR shall be submitted electronically.                                                                                                                          | Plan adoption, submittal, and implementation | n/a                            |                          |
| x                        | x                           | Section 10.7.2                  | 10644(b)              | If revised, submit a copy of the WSCP to DWR within 30 days of adoption.                                                                                                                                          | Plan adoption, submittal, and implementation | n/a                            |                          |

| Retail<br>(x = required) | Wholesale<br>(x = required) | 2025 Guidebook<br>Location | Water Code<br>Section | Summary as Applies to UWMP                                                                                                                                                                               | Subject                                      | Relevant<br>Submittal<br>Table | 2025<br>UWMP<br>Location |
|--------------------------|-----------------------------|----------------------------|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------------|--------------------------|
| x                        | x                           | Section 10.5               | 10645(a)              | Provide supporting documentation that, not later than 30 days after filing a copy of its UWMP with DWR, the Supplier has or will make the plan available for public review during normal business hours. | Plan adoption, submittal, and implementation | n/a                            |                          |
| x                        | x                           | Section 10.5               | 10645(b)              | Provide supporting documentation that, not later than 30 days after filing a copy of its WSCP with DWR, the Supplier has or will make the plan available for public review during normal business hours. | Plan adoption, submittal, and implementation | n/a                            |                          |
| x                        | x                           | Section 10.6               | 10621(c)              | If Supplier is regulated by the Public Utilities Commission, include its plan and contingency plan as part of its general rate case filings.                                                             | Plan adoption, submittal, and implementation | n/a                            |                          |

**APPENDIX G**  
**PUBLIC HEARING AND DISTRICT/AGENCY QUESTIONS AND RESPONSES**