UWMP Standardized Tables

Livermore District

2015 Urban Water Management Plan Appendix H



| Table 2-1 Retail Only: P | Table 2-1 Retail Only: Public Water Systems | | | | | | | |
|-------------------------------|---|---|-------------------------------------|--|--|--|--|--|
| Public Water System Number | Public Water System Name | Number of Municipal Connections 2015 | Volume of Water Supplied 2015 | | | | | |
| 110003 | Livermore | 18,123 | 7,255 | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | TOTAL | 18,123 | 7,255 | | | | | |

| Table 2-2: | Table 2-2: Plan Identification | | | | | | | | |
|--------------------|--------------------------------|--|---|--|--|--|--|--|--|
| Select Only One | Type of Plan | | Name of RUWMP or Regional Alliance if applicable drop down list | | | | | | |
| 7 | Individual | UWMP | | | | | | | |
| | | Water Supplier is also a member of a RUWMP | | | | | | | |
| | V | Water Supplier is also a member of a Regional Alliance | Other | | | | | | |
| | Regional U | rban Water Management Plan (RUWMP) | | | | | | | |

| Table 2-3 | Table 2-3: Agency Identification | | | | | |
|--------------|--|--|--|--|--|--|
| Type of Ag | ency (select one or both) | | | | | |
| | Agency is a wholesaler | | | | | |
| 7 | Agency is a retailer | | | | | |
| Fiscal or Ca | alendar Year (select one) | | | | | |
| 7 | UWMP Tables Are in Calendar Years | | | | | |
| | UWMP Tables Are in Fiscal Years | | | | | |
| If Using Fi | iscal Years Provide Month and Date that the Fiscal Year Begins (mm/dd) | | | | | |
| | | | | | | |
| Units of M | easure Used in UWMP (select from Drop down) | | | | | |
| Unit | AF | | | | | |

| Table 2-4 Retail: Water Supplier Information Exchange |
|---|
| The retail supplier has informed the following wholesale supplier(s) of projected water use in accordance with CWC 10631. |
| Wholesale Water Supplier Name (Add additional rows as needed) |
| Zone 7 Water Agency |
| |
| |

| Table 3-1 Retail: Population - Current and Projected | | | | | | | | | |
|--|--------|--------|--------|--------|--------|-----------|--|--|--|
| Population | 2015 | 2020 | 2025 | 2030 | 2035 | 2040(opt) | | | |
| Served | 58,095 | 62,212 | 67,382 | 68,566 | 68,566 | 68,566 | | | |

| Table 4-1 Retail: Demands for Potable and Raw Water - Actual | | | | | | |
|--|--|------------------|-------|--|--|--|
| Use Type (Add additional rows as needed) | 2015 Actual | | | | | |
| Drop down list May select each use multiple times These are the only Use Types that will be recognized by the WUEdata online submittal tool | Additional Description (as needed) Level of Treatment When Delivered Drop down list | | | | | |
| Single Family | | Drinking Water | 4,803 | | | |
| Multi-Family | Drinking Water 404 | | | | | |
| Commercial | | Drinking Water | 1,050 | | | |
| Industrial | | Drinking Water 0 | | | | |
| Institutional/Governmental | Drinking Water 599 | | | | | |
| Other | | Drinking Water | 8 | | | |
| Landscape | Drinking Water 6 | | | | | |
| Losses | Drinking Water 385 | | | | | |
| | | TOTAL | 7,255 | | | |

NOTES: Reported losses are the average for 2010-14. Loss estimates for 2015 were not deemed reliable due to production meter calibration issues caused by changes in system operations in response to the State Board's emergency drought regulation.

| Use Type (Add additional rows as needed) | Additional Description | Projected Water Use Report To the Extent that Records are Available | | | | | |
|--|------------------------|--|--------|--------|--------|----------|--|
| <u>Drop down list</u> May select each use multiple times These are the only Use Types that will be recognized by the WUEdata online submittal tool | (as needed) | 2020 | 2025 | 2030 | 2035 | 2040-opt | |
| Single Family | | 7,804 | 7,731 | 7,668 | 7,613 | 7,569 | |
| Multi-Family | | 833 | 1,046 | 1,082 | 1,066 | 1,052 | |
| Commercial | | 1,691 | 2,038 | 2,112 | 2,097 | 2,084 | |
| Industrial | | 0 | 0 | 0 | 0 | 0 | |
| Institutional/Governmental | | 1,068 | 1,076 | 1,076 | 1,073 | 1,071 | |
| Other | | 10 | 13 | 14 | 14 | 14 | |
| Losses | | 539 | 553 | 556 | 556 | 556 | |
| | TOTAL | 11,946 | 12,457 | 12,507 | 12,418 | 12,346 | |

| Table 4-3 Retail: Total Water Demands | | | | | | | | |
|--|-------|--------|--------|--------|--------|------------|--|--|
| | 2015 | 2020 | 2025 | 2030 | 2035 | 2040 (opt) | | |
| Potable and Raw Water From Tables 4-1 and 4-2 | 7,255 | 11,946 | 12,457 | 12,507 | 12,418 | 12,346 | | |
| Recycled Water Demand* From Table 6-4 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| TOTAL WATER DEMAND | 7,255 | 11,946 | 12,457 | 12,507 | 12,418 | 12,346 | | |
| *Recycled water demand fields will be blank until Table 6-4 is complete. | | | | | | | | |

| Table 4-4 Retail: 12 Month Water Loss Audit Reporting | | | | | | |
|--|--|--|--|--|--|--|
| Reporting Period Start Date (mm/yyyy) Volume of Water Loss* | | | | | | |
| 01/2014 144 | | | | | | |
| * Taken from the field "Water Losses" (a combination of apparent | | | | | | |

losses and real losses) from the AWWA worksheet.

| Table 4-5 Retail Only: Inclusion in Water Use Projections | |
|--|--|
| Are Future Water Savings Included in Projections? (Refer to Appendix K of UWMP Guidebook) Drop down list (y/n) | Yes |
| If "Yes" to above, state the section or page number, in the cell to the right, where citations of the codes, ordinances, etc utilized in demand projections are found. | Location in UWMP: Section 4.4 of Chapter 4 |
| Are Lower Income Residential Demands Included In Projections? Drop down list (y/n) | Yes |

| Table 5-1 | Table 5-1 Baselines and Targets Summary | | | | | | | | |
|----------------------|---|-----------------|------------------------------|--------------------------|---------------------------|--|--|--|--|
| Retail Age | Retail Agency or Regional Alliance Only | | | | | | | | |
| Baseline Period | Start Year | End Year | Average Baseline GPCD* | 2015 Interim Target * | Confirmed 2020 Target* | | | | |
| 10-15 year | 1999 | 2008 | 197 | 177 | 158 | | | | |
| 5 Year 2003 2007 199 | | | | | | | | | |
| *All values | are in Gallons p | er Capita per I | Day (GPCD) | | | | | | |

| | Table 5-2: 2015 Compliance Retail Agency or Regional Alliance Only | | | | | | | |
|----------------------|--|--------------------------|----------------------|------------------------|-----------------------|------------------------|---|--|
| Actual 2015 GPCD* | 2015 Interim Target | | ments not used | l Methodology 8 | TOTAL | Enter From | 2015 GPCD* (Adjusted if applicable) | Did Supplier Achieve Targeted Reduction for |
| | GPCD* | Extraordinary Events* | Economic Adjustment* | Weather Normalization* | TOTAL Adjustments* | Adjusted 2015 GPCD* | <i>арриован</i> | 2015? Y/N |
| 111 | 177 | 0 | 0 | 0 | 0 | 111 | 111 | Yes |
| *All values are | e in Gallons p | per Capita per Da | y (GPCD) | | | | | |

| Table 6-1 Retail: Groundwater Volume Pumped | | | | | | | |
|---|--|-------|-------|-------|-------|-------|--|
| | upplier does not pump groundwater. he supplier will not complete the table below. | | | | | | |
| Groundwater Type Drop Down List May use each category multiple times | Location or Basin Name | 2011 | 2012 | 2013 | 2014 | 2015 | |
| Add additional rows as needed | | | | | | | |
| Alluvial Basin | Livermore Valley | 2,987 | 3,250 | 2,667 | 2,821 | 2,361 | |
| | | | | | | | |
| | | | | | | | |
| | TOTAL | 2,987 | 3,250 | 2,667 | 2,821 | 2,361 | |

| Table 6-2 Retail: V | Vastewater Collected | Within Service Area | in 2015 | | | | | |
|---|--|--|---|--|---|---|--|--|
| | There is no wastewate | r collection system. Th | ne supplier will not comple | ete the table belov | v. | | | |
| | Percentage of 2015 se | rvice area covered by v | wastewater collection syst | em <i>(optional)</i> | | | | |
| Percentage of 2015 service area population covered by wastewater collection system (optional) | | | | | | | | |
| | Wastewater Collection | ı | | Recipient of Coll | ected Wastewater | | | |
| Name of Wastewater Collection Agency | Wastewater Volume Metered or Estimated? Drop Down List | Volume of Wastewater Collected from UWMP Service Area 2015 | Name of Wastewater Treatment Agency Receiving Collected Wastewater | Treatment Plant Name | Is WWTP Located Within UWMP Area? Drop Down List | Is WWTP Operation Contracted to a Third Party? (optional) Drop Down List | | |
| Add additional rows as | needed | | | | | | | |
| City of Livermore | Estimated | 4,182 | City of Livermore | Livermore Water Reclamation Plant | No | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | Collected from Service in 2015: | 4,182 | | | | | | |

| Table 6-3 Reta ✓ | | r is treated or c | | | service area. | | | | | |
|---------------------------------------|--|--------------------------------------|--|---|---|-----------------|-----------------------|-------------------------------------|------------------------------------|--|
| | | | | | | | | 2015 vo | lumes | |
| Wastewater Treatment Plant Name | Discharge Location Name or Identifier | Discharge Location Description | Wastewater Discharge ID Number (optional) | Method of Disposal Drop down list | Does This Plant Treat Wastewater Generated Outside the Service Area? | Treatment Level | Wastewater Treated | Discharged Treated Wastewater | Recycled Within Service Area | Recycled Outside of Service Area |
| Add additional ro | ws as needed | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | Total | 0 | 0 | 0 | 0 |

| V | Recycled water is not used and in The supplier will not complete to | | thin the service area of | the supplier | | | | | |
|-----------------|---|----------------------------------|------------------------------------|--------------|------|------|------|------|------------|
| Name of Agen | cy Producing (Treating) the Recyc | led Water: | | | | | | | |
| Name of Agen | icy Operating the Recycled Water | Distribution System: | | | | | | | |
| | Water Added in 2015 | <u> </u> | | | | | | | |
| | 5 Supplemental Water | | | | | | | | |
| | Beneficial Use Type | General Description of 2015 Uses | Level of Treatment Drop down list | 2015 | 2020 | 2025 | 2030 | 2035 | 2040 (opt) |
| Agricultural ir | rigation | | | | | | | | |
| Landscape irri | gation (excludes golf courses) | | | | | | | | |
| Golf course irr | rigation | | | | | | | | |
| Commercial u | se | | | | | | | | |
| Industrial use | | | | | | | | | |
| Geothermal a | nd other energy production | | | | | | | | |
| Seawater intri | usion barrier | | | | | | | | |
| Recreational i | mpoundment | | | | | | | | |
| Wetlands or w | vildlife habitat | | | | | | | | |
| Groundwater | recharge (IPR)* | | | | | | | | |
| Surface water | augmentation (IPR)* | | | | | | | | |
| Direct potable | reuse | | | | | | | | |
| Other | Type of Use | | | | | | | | |
| | | | Total: | 0 | 0 | 0 | 0 | 0 | 0 |

| Table 6-5 Retail: 2010 UW | /MP Recycled Water | Use Projection Compared to 201 | 5 Actual |
|-------------------------------|--------------------|--|-----------------|
| V | | ot used in 2010 nor projected for use complete the table below. | e in 2015. |
| Use Typ | pe | 2010 Projection for 2015 | 2015 Actual Use |
| Agricultural irrigation | | | |
| Landscape irrigation (exclude | s golf courses) | | |
| Golf course irrigation | | | |
| Commercial use | | | |
| Industrial use | | | |
| Geothermal and other energy | y production | | |
| Seawater intrusion barrier | | | |
| Recreational impoundment | | | |
| Wetlands or wildlife habitat | | | |
| Groundwater recharge (IPR) | | | |
| Surface water augmentation | (IPR) | | |
| Direct potable reuse | | | |
| Other | Type of Use | | |
| | Total | 0 | 0 |

| Table 6-6 Retail: Methods to Expand Future Recycled Water Use | | | | | | | |
|---|---|--------------------------------|---|--|--|--|--|
| V | Supplier does not plan to expand recycled water use in the future. Supplier will not complete the table below but will provide narrative explanation. | | | | | | |
| 62 | Provide page location of narrative in UWMP | | | | | | |
| Name of Action | Description | Planned Implementation Year | Expected Increase in Recycled Water Use | | | | |
| Add additional rows as nee | ded | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | Tota | | | | | | |

| Table 6-7 Retail: Exp | ected Future Water | Supply Projects | or Programs | | | | | | |
|--|---|--|----------------------------|-----------------------------------|---------------------------------|---|--|--|--|
| | No expected future water supply projects or programs that provide a quantifiable increase to the agency's water supply. Supplier will not complete the table below. | | | | | | | | |
| | Some or all of the superior in a narrative format | ome or all of the supplier's future water supply projects or programs are not compatible with this table and are described a narrative format. | | | | | | | |
| | Provide page location of narrative in the UWMP | | | | | | | | |
| Name of Future Projects or Programs | Joint Project with | other agencies? | Description (if needed) | Planned Implementation Year | Planned for Use in Year Type | Expected Increase in Water Supply to Agency | | | |
| | Drop Down List (y/n) | If Yes, Agency Name | | . 03. | · | This may be a range | | | |
| Add additional rows as needed | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| Table 6-8 Retail: Water Supplies – | - Actual | 2015 | | | |
|--|--------------------------------------|---------------|------------------------------------|--|--|
| Water Supply | | | 2015 | | |
| Drop down list May use each category multiple times. These are the only water supply categories that will be recognized by the WUEdata online submittal tool | Additional Detail on Water Supply | Actual Volume | Water Quality Drop Down List | Total Right or Safe Yield (optional) | |
| Add additional rows as needed | | | | | |
| Purchased or Imported Water | | 4,745 | Drinking Water | | |
| Groundwater | | 2,510 | Drinking Water | | |
| | | | | | |
| | | | | | |
| | Total | 7,255 | | 0 | |

| Water Supply | | | | Projected Water Supply Report To the Extent Practicable | | | | | | | |
|--|--------|-----------------------------------|--|--|--|-----------------------------------|--|-----------------------------------|--|-----------------------------------|--|
| Drop down list May use each category multiple times. These are the only water supply categories that will be recognized by the WUEdata online submittal tool | Supply | 2020 | | 2025 | | 2030 | | 2035 | | 2040 (opt) | |
| | | Reasonably Available Volume | Total Right or Safe Yield (optional) | Reasonably Available Volume | Total Right or Safe Yield (optional) | Reasonably Available Volume | Total Right or Safe Yield (optional) | Reasonably Available Volume | Total Right or Safe Yield (optional) | Reasonably Available Volume | Total Right or Safe Yield (optional) |
| Add additional rows as needed | | | | | | | | | | | |
| Purchased or Imported Water | | 8,877 | | 9,388 | | 9,438 | | 9,349 | | 9,277 | |
| Groundwater | | 3,069 | | 3,069 | | 3,069 | | 3,069 | | 3,069 | |
| | Total | 11,946 | 0 | 12,457 | 0 | 12,507 | 0 | 12,418 | 0 | 12,346 | 0 |

| Table 7-1 Retail: Basis of Water Year Data | | | | | | | |
|--|---|---|---|---------------------|--|--|--|
| | | Available Supplies if Year Type Repeats | | | | | |
| Year Type | type in the last year of the fiscal or water year, for example, water year 1999-2000, | : | Quantification of available supplies is not compatible with this table and is provided elsewhere in the UWMP. Location | | | | |
| | | Þ | Quantification of available supplies is provided in this table as either volume only, percent only, or both. | | | | |
| | | , | Volume Available | % of Average Supply | | | |
| Average Year | 1957 | | 12,507 | 100% | | | |
| Single-Dry Year | 2013 | | 13,190 | | | | |
| Multiple-Dry Years 1st Year | 1988 | | 13,024 | | | | |
| Multiple-Dry Years 2nd Year | 1989 | | 12,979 | | | | |
| Multiple-Dry Years 3rd Year | 1990 | | 12,993 | | | | |
| Multiple-Dry Years 4th Year Optional | | | | | | | |
| Multiple-Dry Years 5th Year Optional | | | | | | | |
| Multiple-Dry Years 6th Year Optional | | | | | | | |

Agency may use multiple versions of Table 7-1 if different water sources have different base years and the supplier chooses to report the base years for each water source separately. If an agency uses multiple versions of Table 7-1, in the "Note" section of each table, state that multiple versions of Table 7-1 are being used and identify the particular water source that is being reported in each table.

NOTES: Available volumes are the maximum volumes across all forecast years in Tables 7-2, 7-3, and 7-4.

| Table 7-2 Retail: Normal | Table 7-2 Retail: Normal Year Supply and Demand Comparison | | | | | | | | |
|--|--|--------|--------|--------|---------------|--|--|--|--|
| | 2020 | 2025 | 2030 | 2035 | 2040 (Opt) | | | | |
| Supply totals (autofill from Table 6-9) | 11,946 | 12,457 | 12,507 | 12,418 | 12,346 | | | | |
| Demand totals (autofill from Table 4-3) | 11,946 | 12,457 | 12,507 | 12,418 | 12,346 | | | | |
| Difference | 0 | 0 | 0 | 0 | 0 | | | | |

| Table 7-3 Retail: Singl | Table 7-3 Retail: Single Dry Year Supply and Demand Comparison | | | | | | | | |
|-------------------------|--|--------|--------|--------|---------------|--|--|--|--|
| | 2020 | 2025 | 2030 | 2035 | 2040 (Opt) | | | | |
| Supply totals | 12,597 | 13,137 | 13,190 | 13,096 | 13,019 | | | | |
| Demand totals | 12,597 | 13,137 | 13,190 | 13,096 | 13,019 | | | | |
| Difference | 0 | 0 | 0 | 0 | 0 | | | | |

| Table 7-4 Retail: Multiple Dry Years Supply and Demand Comparison | | | | | | |
|---|---------------|--------|--------|--------|--------|---------------|
| | | 2020 | 2025 | 2030 | 2035 | 2040 (Opt) |
| | Supply totals | 12,439 | 12,972 | 13,024 | 12,931 | 12,856 |
| First year | Demand totals | 12,439 | 12,972 | 13,024 | 12,931 | 12,856 |
| | Difference | 0 | 0 | 0 | 0 | 0 |
| | Supply totals | 12,396 | 12,926 | 12,979 | 12,886 | 12,811 |
| Second year | Demand totals | 12,396 | 12,926 | 12,979 | 12,886 | 12,811 |
| | Difference | 0 | 0 | 0 | 0 | 0 |
| | Supply totals | 12,409 | 12,941 | 12,993 | 12,900 | 12,825 |
| Third year | Demand totals | 12,409 | 12,941 | 12,993 | 12,900 | 12,825 |
| | Difference | 0 | 0 | 0 | 0 | 0 |
| | Supply totals | | | | | |
| Fourth year (optional) | Demand totals | | | | | |
| , , , | Difference | 0 | 0 | 0 | 0 | 0 |
| | Supply totals | | | | | |
| Fifth year (optional) | Demand totals | | | | | |
| , | Difference | 0 | 0 | 0 | 0 | 0 |

| Table 8-1 Retail Stages of Water Shortage Contingency Plan | | | |
|---|--|-----------------------|--|
| | Complete Both | | |
| Stage | Percent Supply Reduction Numerical value as a (Narrative description) percent | | |
| Add additional r | rows as needed | | |
| | numerical value as percent | narrative description | |
| 1 | Up to 10% | Minimal shortage | |
| 2 | Up to 20% | Moderate shortage | |
| 3 | Up to 35% Severe shortage | | |
| 4 | Greater than 35% Critical shortage | | |
| ¹ One stage in the Water Shortage Contingency Plan must address a water shortage of 50%. | | | |

| Table 8-2 Re | etail Only: Restrictions and Prohibitions on End Uses | | |
|----------------|--|---|--|
| Stage | Restrictions and Prohibitions on End Users Drop down list These are the only categories that will be accepted by the WUEdata online submittal tool | Additional Explanation or Reference (optional) | Penalty, Charge, or Other Enforcement? Drop Down List |
| Add additional | rows as needed | | |
| 1 | Landscape - Limit landscape irrigation to specific days | Limited to no more than 3 days per week | Yes |
| 1 | Landscape - Limit landscape irrigation to specific times | Limited to 8 am and 6pm | Yes |
| 1 | Other - Customers must repair leaks, breaks, and malfunctions in a timely manner | Must be repaired within 5 business days | Yes |
| 1 | Landscape - Restrict or prohibit runoff from landscape irrigation | | Yes |
| 1 | Landscape - Other landscape restriction or prohibition | Prohibit application of potable water to outdoor landscapes within 48 hours of measurable rainfall. | Yes |
| 1 | Other - Require automatic shut off hoses | | Yes |
| 1 | Other - Prohibit use of potable water for washing hard surfaces | | Yes |
| 1 | Other | Limits filling ornamental lakes or ponds; prohibit use of potable water in a water feature except where the water is recirculated | Yes |
| 2 | Landscape - Limit landscape irrigation to specific days | Limited to no more than 3 days per week | Yes |

| Table 8-2 Re | tail Only: Restrictions and Prohibitions on End Uses | | |
|--------------|--|--|--|
| Stage | Restrictions and Prohibitions on End Users Drop down list These are the only categories that will be accepted by the WUEdata online submittal tool | Additional Explanation or Reference (optional) | Penalty, Charge, or Other Enforcement? Drop Down List |
| 2 | Landscape - Limit landscape irrigation to specific times | Limited to 8 am and 6pm | Yes |
| 2 | Other - Customers must repair leaks, breaks, and malfunctions in a timely manner | Must be repaired within 3 business days | Yes |
| 2 | Landscape - Restrict or prohibit runoff from landscape irrigation | | Yes |
| 2 | Landscape - Other landscape restriction or prohibition | Prohibits irrigation of ornamental turf on public street medians with potable water; prohibit application of potable water to outdoor landscapes within 48 hours of measurable rainfall. | Yes |
| 2 | CII - Lodging establishment must offer opt out of linen service | | Yes |
| 2 | CII - Restaurants may only serve water upon request | | Yes |
| 2 | Other - Require automatic shut off hoses | | Yes |
| 2 | Other - Prohibit use of potable water for washing hard surfaces | | Yes |

| Table 8-2 Re | tail Only: Restrictions and Prohibitions on End Uses | | |
|--------------|--|--|--|
| Stage | Restrictions and Prohibitions on End Users Drop down list These are the only categories that will be accepted by the WUEdata online submittal tool | Additional Explanation or Reference (optional) | Penalty, Charge, or Other Enforcement? Drop Down List |
| 2 | Other | Limits filling ornamental lakes or ponds; prohibit use of potable water in a water feature except where the water is recirculated | Yes |
| 3 | Landscape - Limit landscape irrigation to specific days | Limited to no more than 2 days per week | Yes |
| 3 | Landscape - Limit landscape irrigation to specific times | Limited to 8 am and 6pm | Yes |
| 3 | Other - Customers must repair leaks, breaks, and malfunctions in a timely manner | Must be repaired within 2 business days | Yes |
| 3 | Landscape - Restrict or prohibit runoff from landscape irrigation | | Yes |
| 3 | Landscape - Other landscape restriction or prohibition | Prohibits irrigation of ornamental turf on public street medians with potable water; prohibit application of potable water to outdoor landscapes within 48 hours of measurable rainfall. | Yes |
| 3 | CII - Lodging establishment must offer opt out of linen service | | Yes |
| 3 | CII - Restaurants may only serve water upon request | | Yes |

| Table 8-2 Re | etail Only: Restrictions and Prohibitions on End Uses | | |
|--------------|--|--|--|
| Stage | Restrictions and Prohibitions on End Users Drop down list These are the only categories that will be accepted by the WUEdata online submittal tool | Additional Explanation or Reference (optional) | Penalty, Charge, or Other Enforcement? Drop Down List |
| 3 | Other - Require automatic shut off hoses | | Yes |
| 3 | Other - Prohibit use of potable water for washing hard surfaces | Prohibits use of potable water for street cleaning with trucks except for initial wash-down for construction purposes if street sweeping is not feasible | Yes |
| 3 | Other | Limits filling ornamental lakes or ponds; prohibit use of potable water in a water feature except where the water is recirculated | Yes |
| 3 | Other - Prohibit use of potable water for construction and dust control | Prohibited unless no other method or source of water can be used | Yes |
| 4 | Landscape - Prohibit all landscape irrigation | Prohibited except with hand-held bucket nozzle to maintain trees and shrubs. | Yes |
| 4 | Other - Customers must repair leaks, breaks, and malfunctions in a timely manner | Must be repaired within 1 business day | Yes |
| 4 | Landscape - Restrict or prohibit runoff from landscape irrigation | | Yes |

| Table 8-2 Re | tail Only: Restrictions and Prohibitions on End Uses | | |
|--------------|--|---|--|
| Stage | Restrictions and Prohibitions on End Users Drop down list These are the only categories that will be accepted by the WUEdata online submittal tool | Additional Explanation or Reference (optional) | Penalty, Charge, or Other Enforcement? Drop Down List |
| 4 | CII - Lodging establishment must offer opt out of linen service | | Yes |
| 4 | CII - Restaurants may only serve water upon request | | Yes |
| 4 | Other - Require automatic shut off hoses | | Yes |
| 4 | Other - Prohibit use of potable water for washing hard surfaces | Prohibits use of potable water for street cleaning with trucks | Yes |
| 4 | Other | Limits filling ornamental lakes or ponds; prohibit use of potable water in a water feature except where the water is recirculated | Yes |
| 4 | Other - Prohibit use of potable water for construction and dust control | No exceptions | Yes |

| Table 8-3 Ret Stages of Wa | ail Only: ter Shortage Contingency Plan - Consun | nption Reduction Methods |
|-------------------------------|--|--|
| Stage | Consumption Reduction Methods by Water Supplier Drop down list These are the only categories that will be accepted by the WUEdata online submittal tool | Additional Explanation or Reference (optional) |
| Add additional re | ows as needed | |
| 2 | Expand Public Information Campaign | |
| 2 | Offer Water Use Surveys | Offered as part of standard conservation program. Will expand as needed to achieve additional savings. |
| 2 | Provide Rebates or Giveaways of Plumbing Fixtures and Devices | Offered as part of standard conservation program. Will expand as needed to achieve additional savings. |
| 2 | Provide Rebates for Landscape Irrigation Efficiency | Offered as part of standard conservation program. Will expand as needed to achieve additional savings. |
| 2 | Decrease Line Flushing | |
| 2 | Reduce System Water Loss | |
| 2 | Increase Water Waste Patrols | |
| 2 | Other | Mandatory water budgets and banking Water budgets will be based on a customer's consumption during a historical base period and will include a percentage reduction designed to meet necessary water-use reductions. |

| | Table 8-3 Retail Only: Stages of Water Shortage Contingency Plan - Consumption Reduction Methods | | |
|-------|--|--|--|
| Stage | Consumption Reduction Methods by Water Supplier Drop down list These are the only categories that will be accepted by the WUEdata online submittal tool | Additional Explanation or Reference (optional) | |
| 2 | Implement or Modify Drought Rate Structure or Surcharge | Drought surcharges charged to customers for each unit of water used over the established water budget for the billing period. For Stage 2 surcharges are two times the highest residential tier rate, with exceptions discussed in Section 8.3 | |
| | | | |
| 3 | Expand Public Information Campaign | | |
| 3 | Offer Water Use Surveys | Offered as part of standard conservation program. Will expand as needed to achieve additional savings. | |
| 3 | Provide Rebates or Giveaways of Plumbing Fixtures and Devices | Offered as part of standard conservation program. Will expand as needed to achieve additional savings. | |
| 3 | Provide Rebates for Landscape Irrigation Efficiency | Offered as part of standard conservation program. Will expand as needed to achieve additional savings. | |
| 3 | Decrease Line Flushing | | |
| 3 | Reduce System Water Loss | | |
| 3 | Increase Water Waste Patrols | | |
| 3 | Other | Mandatory water budgets and banking | |
| 3 | Implement or Modify Drought Rate Structure or Surcharge | Drought surcharges charged to customers for each unit of water used over the established | |
| 4 | Expand Public Information Campaign | | |

| Table 8-3 Retail Only: Stages of Water Shortage Contingency Plan - Consumption Reduction Methods | | |
|---|--|---|
| Stage | Consumption Reduction Methods by Water Supplier Drop down list These are the only categories that will be accepted by the WUEdata online submittal tool | Additional Explanation or Reference (optional) |
| 4 | Offer Water Use Surveys | Offered as part of standard conservation program. Will expand as needed to achieve additional savings. |
| 4 | Provide Rebates or Giveaways of Plumbing Fixtures and Devices | Offered as part of standard conservation program. Will expand as needed to achieve additional savings. |
| 4 | Provide Rebates for Landscape Irrigation Efficiency | Offered as part of standard conservation program. Will expand as needed to achieve additional savings. |
| 4 | Decrease Line Flushing | |
| 4 | Reduce System Water Loss | |
| 4 | Increase Water Waste Patrols | |
| 4 | Other | Mandatory water budgets and banking |
| 4 | Other | Mandatory water budgets and banking |
| 4 | Implement or Modify Drought Rate Structure or Surcharge | Drought surcharges charged to customers for each unit of water used over the established water budget for the billing period. |
| NOTES: The actions included may be implemented through a combination of Rule 14.1 and Schedule 14.1 | | |

| Table 8-4 Retail: Minimum Supply Next Three Years | | | |
|---|--------|--------|--------|
| | 2016 | 2017 | 2018 |
| Available Water Supply | 12,439 | 12,396 | 12,409 |

| Table 10-1 Retail: Notification to Cities and Counties | | | |
|--|----------------------------|-----------------------------|--|
| City Name | 60 Day Notice | Notice of Public Hearing | |
| A | dd additional rows as need | led | |
| City of Livermore | V | V | |
| | | | |
| | | | |
| County Name Drop Down List | 60 Day Notice | Notice of Public Hearing | |
| Add additional rows as needed | | | |
| Alameda County | V | 7 | |
| | | | |