

## 2-1R | Public Water Systems

Public Water System Number	Public Water System Name	Number of Municipal Connections 2020	Volume of Water Supplied 2020
CA1010007	CITY OF FRESNO	139,523	121,994
<b>Total:</b>		<b>139,523</b>	<b>121,994</b>

Note: Data provided by City of Fresno Water Division

## 2-2 | Public Water Systems

Type of Plan	Member of RUWMP	Member of Regional Alliance	Name of RUWMP or Regional Alliance
Individual UWMP	No	No	N/A

### 2-3 | Agency Identification

Type of Supplier	Year Type	First Day of Year		Unit Type
Retailer	Calendar Years	DD	MM	Acre Feet (AF)

**Conversion to Gallons:** 325851  
**Conversion to Gallons per Day:** 892.7425

## 2-4R | Water Supplier Information Exchange

Wholesale Water Supplier Name
United States Bureau of Reclamation
Fresno Irrigation District

### 3-1R | Current & Projected Population

<b>Population Served</b>	<b>2020</b>	<b>2025</b>	<b>2030</b>	<b>2035</b>	<b>2040</b>	<b>2045</b>
<b>Total</b>	<b>550,217</b>	<b>609,433</b>	<b>674,677</b>	<b>719,327</b>	<b>765,278</b>	<b>812,529</b>

### 4-1R | Actual Demands for Water

Use Type	Additional Description	Level of Treatment When Delivered	2020 Volume
Single Family		Drinking Water	60,065
Multi-Family		Drinking Water	18,842
Commercial		Drinking Water	16,971
Industrial		Drinking Water	5,729
Institutional/Governmental	See Note 1	Drinking Water	---
Landscape		Drinking Water	10,478
Other	Travel Meters	Drinking Water	340
Losses		Drinking Water	9,568
Groundwater Recharge		Raw Water	42,686
<b>Total:</b>			<b>164,679</b>
Notes:			
1. Institutional and Governmental water usage is included in the Commercial use type.			

### 4-2R | Projected Demands for Water

Use Type	Additional Description	Projected Water Use				
		2025	2030	2035	2040	2045
Single Family		76,255	80,429	82,934	85,437	87,936
Multi-Family		19,000	20,654	21,737	22,831	23,935
Commercial		19,052	21,135	22,587	24,041	25,496
Industrial		7,410	9,003	9,922	10,841	11,758
Institutional/Governmental	See Note 1					
Landscape		4,490	5,035	5,422	5,809	6,196
Other	Travel Meters	200	200	200	200	200
Losses		10,097	10,900	11,408	11,917	12,426
Groundwater Recharge	Raw Water	62,700	65,400	68,100	70,800	73,500
<b>Total:</b>		<b>199,204</b>	<b>212,756</b>	<b>222,310</b>	<b>231,876</b>	<b>241,447</b>
Notes: 1. Institutional and Governmental water usage is included in the Commercial use type.						

### 4-3R | Total Gross Water Use

	2020	2025	2030	2035	2040	2045
<b>Potable and Raw Water</b> From Table 4-1R and 4-2R	164,679	199,204	212,756	222,310	231,876	241,447
<b>Recycled Water Demand</b> From Table 6-4R	4,757					
<b>Total Water Use:</b>	<b>169,436</b>	<b>199,204</b>	<b>212,756</b>	<b>222,310</b>	<b>231,876</b>	<b>241,447</b>
Note: Recycled water supply is a potable water offset, thus the recycled water demand in years 2025-2045 is included in the potable and raw water demand total.						



### 4-4R | 12 Month Water Loss Audit Reporting

Report Period Start Date		Volume of Water Loss*
MM	YYYY	
1	2016	9,036
1	2017	10,235
1	2018	9,028
1	2019	9,059
1	2020	9,568

\*For years 2016, through 2019, volume of water loss is taken from the field "Water Losses" (a combination of apparent losses and real losses) from the AWWA worksheet. For 2020 the volume of water loss is estimates as the difference in metered water produced and entered into the distribution system and metered consumption.

### 4-5R | Inclusion in Water Use Projections

<p><b>Are Future Water Savings Included in Projections?</b> Refer to Appendix K of UWMP Guidebook.</p>	<p>Yes</p>
<p>Section or page number where the citations utilized in the demand projects can it be found:</p>	<p>Section 4.2.4.2</p>
<p><b>Are Lower Income Residential Demands Included in Projections?</b></p>	<p>Yes</p>

### 5-1R | Baselines & Targets Summary

Baseline Period	Start Year	End Year	Average Baseline GPCD*	Confirmed 2020 Target *
10-15 Year	1999	2008	309	247
5 Year	2003	2007	304	N/A
*All values are in Gallons per Capita per Day (GPCD)				

**5-2R | 2020 Compliance**

Actual 2020 GPCD*	Optional Adjustments to 2020 GPCD					2020 GPCD* (Adjusted if applicable)	Supplier Achieved Targeted Reduction in 2020
	Extraordinary Events*	Economic Adjustment*	Weather Normalization*	Total Adjustments*	Adjusted 2020 GPCD*		
198	0	0	0	0	0	0	Yes
*All values are in Gallons per Capita per Day (GPCD)							

### 6-1R | Groundwater Volume Pumped

Groundwater Type	Location or Basin Name	2016	2017	2018	2019	2020
<b>Alluvial Basin</b>	San Joaquin Groundwater Basin: Kings Subbasin	99,107	105,211	76,796	54,609	55,028
<b>Total:</b>		<b>99,107</b>	<b>105,211</b>	<b>76,796</b>	<b>54,609</b>	<b>55,028</b>

**6-2R | Wastewater Collected within Service Area in 2020**

The supplier will complete the table.						
Percentage of 2020 service area covered by wastewater collection system (optional):						
Percentage of 2020 service area population covered by wastewater collection system (optional):						
Wastewater Collection			Recipient of Collected Wastewater			
Name of Wastewater Collection Agency	Wastewater Volume Metered or Estimated	Wastewater Volume Collected from UWMP Service Area in 2020	Name of Wastewater Agency Receiving Collected Wastewater	Wastewater Treatment Plant Name	Wastewater Treatment Plant Located within UWMP Area	WWTP Operation Contracted to a Third Party
City of Fresno	Metered	63,652	City of Fresno	RWRF	Yes	No
City of Fresno	Metered	325	City of Fresno	NFWRP	Yes	No
<b>Total:</b>		<b>63,977</b>				
Note: Wastewater Volume in units of AF						

**6-3R | Wastewater Treatment & Discharge Within Service Area in 2020**

The supplier will complete the table.											
Wastewater Treatment Plant Name	Discharge Location Name or Identifier	Discharge Location Description	Wastewater Discharge ID Number	Method of Disposal	Plant Treats Wastewater Generated Outside the Service Area	Treatment Level	2020 Volumes				
							Wastewater Treated	Discharged Treated Wastewater	Recycled Within Service Area	Recycled Outside of Service Area	Instream Flow Permit Requirement
RWRF	Treatment Site	Onsite Percolation Ponds	WDR Order R5-2018-0080	Percolation ponds	Yes	Secondary, Undisinfected	63,652	58,949	-	3,845	-
RWRF	Treatment Site	Onsite Percolation Ponds	WDR Order R5-2018-0080	Percolation ponds	Yes	Tertiary			858	5,809	-
NFWRF	Treatment Site	Onsite Pond	WDR Order R5-2014-0162	Percolation ponds	No	Tertiary	325	271	54	-	-
<b>Total:</b>							<b>63,977</b>	<b>59,220</b>	<b>912</b>	<b>9,654</b>	<b>-</b>

**6-4R | Recycled Water Direct Beneficial Uses Within Service Area**

The supplier will complete the table.										
Name of Supplier Producing (Treating) the Recycled Water:				City of Fresno						
Name of Supplier Operating the Recycled Water Distribution System:				City of Fresno						
Supplemental Volume of Water Added in 2020:				0%						
Source of 2020 Supplemental Water:				N/A						
Beneficial Use Type	Potential Beneficial Uses of Recycled Water	Amount of Potential Uses of Recycled Water	General Description of 2020 Uses	Level of Treatment	2020	2025	2030	2035	2040	2045
<b>Agricultural Irrigation</b>	Non-food crop irrigation	7,900	Irrigate non-food crops	Secondary, Undisinfected	3,845	7,900	7,900	7,900	7,900	7,900
<b>Landscape Irrigation (excludes golf courses)</b>	Landscape Irrigation	5,800	Landscape irrigation, distributed through the southwest recycled water distribution system	Tertiary	858	5,800	5,800	5,800	5,800	5,800
<b>Agricultural Irrigation</b>	Food crop irrigation	410	Irrigate limited food crops, distributed through the southwest recycled water distribution system	Tertiary	-	410	410	410	410	410
<b>Golf Course Irrigation</b>	Landscape Irrigation	110	Copper River Golf Course	Tertiary	54	110	110	110	110	110
<b>Total:</b>					<b>4,757</b>	<b>14,220</b>	<b>14,220</b>	<b>14,220</b>	<b>14,220</b>	<b>14,220</b>
<b>Internal Reuse (Not included in Statewide Recycled Water Volume).</b>					11	30	30	30	30	30



**6-5R | 2015 Recycled Water Use Projection Compared to 2020 Actual**

The supplier will complete the table.		
Use Type	2015 Projection for 2020	2020 Actual Use
Agricultural Irrigation	14,200	3,845
Landscape Irrigation (excludes golf courses)	4,300	858
Golf Course Irrigation		54
Commercial Use		
Industrial Use	1,400	
Geothermal and Other Energy Production		
Seawater Intrusion Barrier		
Recreational Impoundment		
Wetlands or Wildlife Habitat		
Groundwater Recharge (IPR)*	1,300	
Surface Water Augmentation (IPR)*		
Direct Potable Reuse		
<b>Total:</b>	<b>21,200</b>	<b>4,757</b>

**6-6R | Methods to Expand Future Recycled Water Use**

<b>The supplier will complete the table below.</b>			
<b>Name of Action</b>	<b>Description</b>	<b>Planned Implementation Year</b>	<b>Expected Increase of Recycled Water Use</b>
<b>Build Infrastructure</b>	Recycled Water Distribution System Expansion	2021	5,000
<b>Total:</b>			<b>5,000</b>

**6-7R | Expected Future Water Supply Projects or Programs**

Some or all of the supplier's future water supply projects or programs are not compatible with this table and are described in a narrative format.						
Page Location for Narrative in UWMP:			Section 6.7			
Name of Future Projects or Programs	Joint Project with Other Suppliers	Agency Name	Description	Planned Implementation Year	Planned for Use in Year Type	Expected Increase in Water Supply to Supplier
Expansion of Tertiary Recycled Water Treatment	No		See Section 6.7		All Year Types	
Expansion of Surface Water Treatment Capacity	No		See Section 6.7		All Year Types	
Expansion of Groundwater Recharge Program	No		See Section 6.7		All Year Types	

**6-8R | Actual Water Supplies**

Water Supply	Additional Detail on Water Supply	2020		
		Actual Volume	Water Quality	Total Right or Safe Yield
Groundwater (not desalinated)		55,028	Drinking Water	
Surface water (not desalinated)	USBR CVP	37,447	Drinking Water	
Surface water (not desalinated)	FID Contract	71,292	Drinking Water	
Recycled Water	RWRF	858	Recycled Water	
Recycled Water	NFWRF	54	Recycled Water	
<b>Total:</b>		<b>164,679</b>		<b>-</b>

## **6-8DS | Source Water Desalination**

**Neither groundwater nor surface water are reduced in salinity prior to distribution. The supplier will not complete the table.**

**6-9R | Projected Water Supplies**

Water Supply	Additional Detail on Water Supply	Projected Water Supply									
		2025		2030		2035		2040		2045	
		Reasonably Available Volume	Total Right or Safe Yield	Reasonably Available Volume	Total Right or Safe Yield	Reasonably Available Volume	Total Right or Safe Yield	Reasonably Available Volume	Total Right or Safe Yield	Reasonably Available Volume	Total Right or Safe Yield
Groundwater (not desalinated)	Kings Subbasin	138,090		143,630		149,100		154,490		159,820	
Surface water (not desalinated)	USBR CVP	60,000		60,000		60,000		60,000		60,000	
Surface water (not desalinated)	FID Contract	125,030		131,600		131,600		131,600		131,600	
Recycled Water	NFWRF Tertiary Disinfected	5,800		5,800		5,800		5,800		5,800	
Recycled Water	RWRF Tertiary Disinfected	110		110		110		110		110	
<b>Total:</b>		<b>329,030</b>	<b>-</b>	<b>341,140</b>	<b>-</b>	<b>346,610</b>	<b>-</b>	<b>352,000</b>	<b>-</b>	<b>357,330</b>	<b>-</b>

### 7-1R | Basis of Water Year Data (Reliability Assessment)

<b>Quantification of available supplies is not compatible with this table and is provided elsewhere in the UWMP.</b>		
<b>Page Location for Narrative in UWMP:</b>	See Section 7.1.3 in the UWMP	

### 7-2R | Normal Year Supply and Demand Comparison

	2025	2030	2035	2040	2045
<b>Supply Totals</b> From Table 6-9R	329,030	341,140	346,610	352,000	357,330
<b>Demand Totals</b> From Table 4-3R	199,204	212,756	222,310	231,876	241,447
<b>Difference:</b>	<b>129,826</b>	<b>128,384</b>	<b>124,300</b>	<b>120,124</b>	<b>115,883</b>



**7-3R | Single Dry Year Supply & Demand Comparison**

	<b>2025</b>	<b>2030</b>	<b>2035</b>	<b>2040</b>	<b>2045</b>
<b>Supply Totals</b>	189,852	195,392	200,862	206,252	211,582
<b>Demand Totals</b>	164,092	176,132	184,174	192,228	200,287
<b>Difference:</b>	<b>25,760</b>	<b>19,260</b>	<b>16,688</b>	<b>14,024</b>	<b>11,295</b>

### 7-4R | Multiple Dry Years Supply & Demand Comparison

		2025	2030	2035	2040	2045
First Year	Supply Totals	273,725	279,265	284,735	290,125	295,455
	Demand Totals	199,204	212,756	222,310	231,876	241,447
Difference:		74,521	66,509	62,425	58,249	54,008
Second Year	Supply Totals	274,626	280,166	285,636	291,026	296,356
	Demand Totals	199,204	212,756	222,310	231,876	241,447
Difference:		75,422	67,410	63,326	59,150	54,909
Third Year	Supply Totals	217,568	223,108	228,578	233,968	239,298
	Demand Totals	190,267	193,637	197,736	201,753	205,708
Difference:		27,301	29,471	30,842	32,215	33,589
Fourth Year	Supply Totals	189,852	195,392	200,862	206,252	211,582
	Demand Totals	162,551	165,920	170,020	174,036	177,992
Difference:		27,301	29,471	30,842	32,215	33,589
Fifth Year	Supply Totals	314,840	320,380	325,850	331,240	336,570
	Demand Totals	199,204	212,756	222,310	231,876	241,447
Difference:		115,636	107,624	103,540	99,364	95,123

**7-5 | Five-Year Drought Risk Assessment Tables to Address Water Code Section 10635(b)**

2021	Gross Water Use	184,910
	Total Supplies	240,905
	Surplus/Shortfall without WSCP Action	<b>55,995</b>
	<b>Planned WSCP Actions (Use Reduction and Supply Augmentation)</b>	
	WSCP (Supply Augmentation Benefit)	0
	WSCP (Use Reduction Savings Benefit)	0
	Revised Surplus/Shortfall	<b>55,995</b>
	Resulting Percent Use Reduction from WSCP Action	<b>0%</b>
2022	Gross Water Use	187,827
	Total Supplies	244,448
	Surplus/Shortfall without WSCP Action	<b>56,621</b>
	<b>Planned WSCP Actions (Use Reduction and Supply Augmentation)</b>	
	WSCP (Supply Augmentation Benefit)	0
	WSCP (Use Reduction Savings Benefit)	0
	Revised Surplus/Shortfall	<b>56,621</b>
	Resulting Percent Use Reduction from WSCP Action	<b>0%</b>
2023	Gross Water Use	170,051
	Total Supplies	196,200
	Surplus/Shortfall without WSCP Action	<b>26,149</b>
	<b>Planned WSCP Actions (Use Reduction and Supply Augmentation)</b>	
	WSCP (Supply Augmentation Benefit)	0
	WSCP (Use Reduction Savings Benefit)	0
	Revised Surplus/Shortfall	<b>26,149</b>
	Resulting Percent Use Reduction from WSCP Action	<b>0%</b>
2024	Gross Water Use	151,432
	Total Supplies	178,164
	Surplus/Shortfall without WSCP Action	<b>26,732</b>
	<b>Planned WSCP Actions (Use Reduction and Supply Augmentation)</b>	
	WSCP (Supply Augmentation Benefit)	0
	WSCP (Use Reduction Savings Benefit)	0
	Revised Surplus/Shortfall	<b>26,732</b>
	Resulting Percent Use Reduction from WSCP Action	<b>0%</b>
2025	Gross Water Use	196,504
	Total Supplies	300,911
	Surplus/Shortfall without WSCP Action	<b>104,407</b>
	<b>Planned WSCP Actions (Use Reduction and Supply Augmentation)</b>	
	WSCP (Supply Augmentation Benefit)	0
	WSCP (Use Reduction Savings Benefit)	0
	Revised Surplus/Shortfall	<b>104,407</b>
	Resulting Percent Use Reduction from WSCP Action	<b>0%</b>

8-1 | Water Shortage Contingency Plan Levels

Shortage Level	Percent Shortage <sup>1</sup>	Water Shortage Condition
0		No water shortage condition. Corresponds with year-round water use measures listed in Section 1.5.1 and demand reduction measures listed for "All" stages in Table 3.
1	0-10%	<p>Stage 1 may be triggered by any of the following conditions:</p> <ul style="list-style-type: none"> <li>•The available water supplies for the next year are projected to be less than 100% of projected demand considering infrastructure constraints and an operational buffer. The available water supplies, infrastructure constraints, projected demand, and operational buffer will be estimated at least once per calendar year – and more often as appropriate - as part of the Annual Water Supply and Demand Assessment. Section 1.3 of the City’s Water Shortage Contingency Plan describes the key data inputs, evaluation criteria, and procedures for the annual assessment; or</li> <li>•After having been in a Stage 2 classification from drought conditions, the upcoming water year USBR and FID allocations results in normal-dry water year type<sup>2</sup> or higher; or</li> <li>•After having been in a higher classification as a result of emergency, original trigger for a previous higher-stage classification has been rectified to a point that is consistent with the above conditions for this stage.</li> </ul>
2	10-25%	<p>Stage 2 may be triggered by any of the following conditions:</p> <ul style="list-style-type: none"> <li>•The available water supplies for the next year are projected to be less than 90% of projected demand considering infrastructure constraints and an operational buffer. The available water supplies, infrastructure constraints, projected demand, and operational buffer will be estimated at least once per calendar year – and more often as appropriate - as part of the Annual Water Supply and Demand Assessment. Section 1.3 of the City’s Water Shortage Contingency Plan describes the key data inputs, evaluation criteria, and procedures for the annual assessment; or</li> <li>•After having been in a Stage 3 classification from drought conditions, the upcoming water year USBR and FID allocations results in normal-dry water year type<sup>2</sup> or higher; or</li> <li>•After having been in a higher classification as a result of emergency, original trigger for a previous higher-stage classification has been rectified to a point that is consistent with the above conditions for this stage.</li> </ul>
3	25-35%	<p>Stage 3 may be triggered by any of the following conditions:</p> <ul style="list-style-type: none"> <li>•The available water supplies for the next year are projected to be less than 75% of projected demand considering infrastructure constraints and an operational buffer. The available water supplies, infrastructure constraints, projected demand, and operational buffer will be estimated at least once per calendar year – and more often as appropriate - as part of the Annual Water Supply and Demand Assessment. Section 1.3 of the City’s Water Shortage Contingency Plan describes the key data inputs, evaluation criteria, and procedures for the annual assessment; or</li> <li>•After having been in a Stage 4 classification from drought conditions, the upcoming water year USBR and FID allocations results in normal-dry water year type<sup>2</sup> or higher; or</li> <li>•After having been in a higher classification as a result of emergency, original trigger for a previous higher-stage classification has been rectified to a point that is consistent with the above conditions for this stage.</li> </ul>
4	35-50%	<p>Stage 4 may be triggered by any of the following conditions:</p> <ul style="list-style-type: none"> <li>•The available water supplies for the next year are projected to be less than 65% of projected demand considering infrastructure constraints and an operational buffer. The available water supplies, infrastructure constraints, projected demand, and operational buffer will be estimated at least once per calendar year – and more often as appropriate - as part of the Annual Water Supply and Demand Assessment. Section 1.3 of the City’s Water Shortage Contingency Plan describes the key data inputs, evaluation criteria, and procedures for the annual assessment; or</li> <li>•After having been in a Stage 5 classification from drought conditions, the upcoming water year USBR and FID allocations results in normal-dry water year type<sup>2</sup> or higher; or</li> <li>•After having been in a higher classification as a result of emergency, original trigger for a previous higher-stage classification has been rectified to a point that is consistent with the above conditions for this stage.</li> </ul>
5	>50%	<p>Stage 5 may be triggered by any of the following conditions:</p> <ul style="list-style-type: none"> <li>•The available water supplies for the next year are projected to be less than 50% of projected demand considering infrastructure constraints and an operational buffer. The available water supplies, infrastructure constraints, projected demand, and operational buffer will be estimated at least once per calendar year – and more often as appropriate - as part of the Annual Water Supply and Demand Assessment. Section 1.3 of the City’s Water Shortage Contingency Plan describes the key data inputs, evaluation criteria, and procedures for the annual assessment.</li> </ul>

<sup>1</sup>Shortage levels indicate the gap between supply and demand compared to normal-year conditions. The Annual Assessment incorporates a 10% buffer on top of projected demands for conservative planning.

<sup>2</sup>Water year types were defined 2006 San Joaquin River Restoration Settlement Agreement for USBR allocations and characterized in Section 6.2 of the City’s 2020 UWMP.

8-2 | Demand Reduction Actions

Shortage Level	Demand Reduction Actions	How much is this going to reduce the shortage gap? <sup>1</sup>	Additional Explanation or Reference	Penalty, Charge, or Other Enforcement <sup>2</sup>
All	Expand Public Information Campaign	Not Applicable	Community outreach includes classroom presentations, outreach educational information, and water tours. Increase communication as drought stages increase.	Not Applicable
All	Improve Customer Billing	Not Applicable	Water bills show customer usage vs. average usage for the customer category. Increase customer notifications of high water use based on advanced metering infrastructure (AMI) data as drought stages increase.	Not Applicable
All	Offer Water Use Surveys	Not Applicable	Use water leak surveys with all community members.	Not Applicable
All	Provide Rebates for Landscape Irrigation Efficiency	Not Applicable	The City offers rebates for micro-irrigation conversions, soil moisture sensors, smart irrigation controller, and rain sensors to improve efficiencies.	Not Applicable
All	Provide Rebates for Turf Replacement	Not Applicable	The City provides rebates for community members who wish to replace their turf with a drought-resistant garden.	Not Applicable
All	Provide Rebates on Plumbing Fixtures and Devices	Not Applicable	The City offers rebates on a variety of high-efficiency plumbing fixtures, such as washers, toilets, and urinals.	Not Applicable
All	Decrease Line Flushing	Not Applicable	The City uses NO-DES for regular pipe flushing to eliminate discharging water.	Not Applicable
All	Reduce System Water Loss	Not Applicable	The City has a comprehensive system water loss reduction program in place. Increase efforts to correct water system losses as drought stages increase.	Not Applicable
1	Decrease Line Flushing	0 to 100% of shortage gap	For dead-end flushing where the NO-DES truck cannot be used, reduce normal flushing time.	Not Applicable
1	Increase Water Waste Patrols	0 to 100% of shortage gap	Increase monitoring of AMI reporting and communication with customers; Conduct patrols based on public input.	Not Applicable
1	Landscape — Limit landscape irrigation to specific times	0 to 100% of shortage gap	Voluntary limits: Summer: three days/week Winter: one day/week	No
2	Landscape — Limit landscape irrigation to specific times	0 to 100% of shortage gap	Summer: three days/week Winter: one day/week	Yes
3	Landscape — Limit landscape irrigation to specific times	0 to 100% of shortage gap	Summer: two days/week Winter: one day/week	Yes
4	Landscape — Limit landscape irrigation to specific times	0 to 100% of shortage gap	Summer: one day/week Winter: one day/week	Yes
4	Other — Prohibit use of potable water for construction and dust control	0 to 100% of shortage gap	The City provides rebates for community members who wish to replace their turf with a drought resistant garden	No
4	Other — Prohibit use of potable water for construction and dust control	0 to 100% of shortage gap	Prohibit use of potable water for construction, compaction, dust control, street or parking lot sweeping, and building washdowns where non-potable or recycled water is sufficient.	Yes
4	Other — Prohibit vehicle washing except at facilities using recycled or recirculating water	0 to 100% of shortage gap	Prohibit washing cars, boats, trailers, aircraft, or other vehicles, except at commercial or fleet vehicle-washing facilities using water recycling equipment.	Yes
4	Pools and Spas - Require covers for pools and spas	0 to 100% of shortage gap	Require covers for swimming pools when not in use.	No
4	Other	0 to 100% of shortage gap	Prohibit use of potable water for sewer system maintenance or fire protection training without prior approval by the City manager.	Not Applicable
4	Other	0 to 100% of shortage gap	Prohibit use of outdoor misters.	No
5	Landscape — Prohibit all landscape irrigation	0 to 100% of shortage gap	Prohibit outdoor irrigation year-round.	Yes
5	Moratorium or Net Zero Demand Increase on New Connections	0 to 100% of shortage gap	The City will temporarily limit or ban new water service connections within the service area.	Not Applicable

<sup>1</sup>Reduction in the shortage gap is estimated and can vary significantly.

<sup>2</sup>Refer to WSCP Section 1.7 for Penalties for Water Wastage.

### 8-3R | Supply Augmentation & Other Actions

Shortage Level	Supply Augmentation Methods and Other Actions by Water Supplier	How much is this going to reduce the shortage gap?	Additional Explanation or Reference
1 to 5	Transfers	As Needed	Purchase or exchange available USBR or FID surface water
1 to 5	Other Purchases	As Needed	Interconnection with City of Clovis for use in emergencies

10-1R | Notification to Cities & Counties

City	60 Day Notice	Notice of Public Hearing	Other
City of Clovis	Yes	Yes	
County	60 Day Notice	Notice of Public Hearing	Other
County of Fresno	Yes	Yes	
Other	60 Day Notice	Notice of Public Hearing	Other
Bakman Water Company	Yes	Yes	
Fresno Irrigation District	Yes	Yes	
Fresno Metropolitan Flood Control District	Yes	Yes	
Friant Water Authority	Yes	Yes	
Garfield Water District	Yes	Yes	
Malaga County Water District	Yes	Yes	
North Kings Groundwater Sustainability Agency	Yes	Yes	
Pinedale County Water District	Yes	Yes	
United States Bureau of Reclamation South-Central California Area Office	Yes	Yes	