

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
CA3310009	Eastern Municipal Water District	147,300	78,937
TOTAL		147,300	78,937

NOTES: 1) The number of connections and volume of water supplied in this table reflect EMWD's potable water system only. Recycled water connections (500) and volume supplied (44,150 AF) in 2015 is not included.

Table 2-2: Plan Identification		
Select Only One	Type of Plan	Name of RUWMP or Regional Alliance <i>if applicable</i> <i>drop down list</i>
<input checked="" type="checkbox"/>	Individual UWMP	
	<input type="checkbox"/> Water Supplier is also a member of a RUWMP	
	<input type="checkbox"/> Water Supplier is also a member of a Regional Alliance	
<input type="checkbox"/>	Regional Urban Water Management Plan (RUWMP)	
NOTES:		

Table 2-3: Agency Identification

Type of Agency (select one or both)

<input checked="" type="checkbox"/>	Agency is a wholesaler
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<input checked="" type="checkbox"/>	Agency is a retailer
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Fiscal or Calendar Year (select one)

<input checked="" type="checkbox"/>	UWMP Tables Are in Calendar Years
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<input type="checkbox"/>	UWMP Tables Are in Fiscal Years
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If Using Fiscal Years Provide Month and Date that the Fiscal Year Begins (mm/dd)

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Units of Measure Used in UWMP (select from Drop down)

Unit	AF
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NOTES:

Table 2-4 Retail: Water Supplier Information Exchange
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The retail supplier has informed the following wholesale supplier(s) of projected water use in accordance with CWC 10631.

Wholesale Water Supplier Name <i>(Add additional rows as needed)</i>
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Metropolitan Water District of Southern California
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NOTES:

Table 2-4 Wholesale: Water Supplier Information Exchange (select one)

<input type="checkbox"/>	Supplier has informed more than 10 other water suppliers of water supplies available in accordance with CWC 10631. Completion of the table below is optional. If not completed include a list of the water suppliers that were informed.
	Provide page number for location of the list.
<input checked="" type="checkbox"/>	Supplier has informed 10 or fewer other water suppliers of water supplies available in accordance with CWC 10631. Complete the table below.

<i>Water Supplier Name (Add additional rows as needed)</i>	
	City of Hemet
	City of Perris
	City of San Jacinto
	Elsinore Valley Municipal Water District
	Lake Hemet Municipal Water District
	Nuevo Water Company
	Rancho California Water District
	Western Municipal Water District
NOTES:	

Table 3-1 Retail: Population - Current and Projected

Population Served	2015	2020	2025	2030	2035	2040(opt)
	546,146	617,100	699,800	784,100	864,200	939,100

NOTES: Retail population for 2015 was estimated using a SWRCB reporting method using 2010 Census data and the American Community Survey for 2014. DWR pre-approved EMWD's methodology for estimating population. Retail population projections for 2020-2040 were estimated using EMWD's Database of Proposed Projects and the 2015 SWRCB estimated population. DWR pre-approved EMWD's methodology for estimating population.

Table 3-1 Wholesale: Population - Current and Projected

Population Served	2015	2020	2025	2030	2035	2040(opt)
	215,075	239,400	267,300	291,100	314,400	335,500

NOTES: Wholesale population for 2015 was estimated using GIS and 2010 Census tract data. Wholesale population projections for 2020-2040 were estimated using EMWD's Database of Proposed Projects and the 2015 population. DWR pre-approved EMWD's methodology for estimating population.

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

Use Type <i>(Add additional rows as needed)</i>	2015 Actual		
<i>Drop down list</i> <i>May select each use multiple times</i> <i>These are the only Use Types that will be recognized by the WUEdata online submittal tool</i>	Additional Description <i>(as needed)</i>	Level of Treatment When Delivered <i>Drop down list</i>	Volume
Single Family		Drinking Water	45,735
Multi-Family		Drinking Water	5,830
Commercial		Drinking Water	4,603
Industrial		Drinking Water	270
Institutional/Governmental		Drinking Water	2,083
Landscape		Drinking Water	7,735
Agricultural irrigation	Potable Water	Drinking Water	1,924
Agricultural irrigation	Raw Water	Raw Water	941
Agricultural irrigation	Brackish groundwater used to supplement the recycled water system	Raw Water	682
Other	Temporary construction meters, etc	Drinking Water	1,507
Other	Unbilled, authorized consumption	Drinking Water	3,444
Losses	Real and apparent losses	Drinking Water	4,183
TOTAL			78,937

NOTES: 1) In 2015, brackish groundwater was used to supplement the recycled water system due to higher than average agricultural demands.
 2) Losses reflect real and apparent losses for fiscal year 2014/2015.

Table 4-1 Wholesale: Demands for Potable and Raw Water - Actual

Use Type <i>(Add additional rows as needed)</i>	2015 Actual		
<p>Drop down list <i>May select each use multiple times</i> <i>These are the only use types that will be recognized by the WUE data online submittal tool</i></p>	Additional Description <i>(as needed)</i>	Level of Treatment When Delivered <i>Drop down list</i>	Volume
Sales to other agencies	City of Hemet	Drinking Water	0
Sales to other agencies	City of Perris Water System	Drinking Water	1,542
Sales to other agencies	City of San Jacinto	Drinking Water	0
Sales to other agencies	Nuevo Water Company	Drinking Water	247
Sales to other agencies	Western Municipal Water District Murrieta Division	Drinking Water	728
Sales to other agencies	Rancho California Water District	Drinking Water	4,015
Sales to other agencies	Rancho California Water District	Raw Water	10,925
Sales to other agencies	Lake Hemet Municipal Water District	Raw Water	4,311
Groundwater recharge	Imported water recharge to the Hemet/San Jacinto Basin	Raw Water	0
TOTAL			21,768
<p>NOTES: Groundwater recharge will occur under the Hemet/San Jacinto Water Management Plan</p>			

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

Use Type <i>(Add additional rows as needed)</i>	Additional Description <i>(as needed)</i>	Projected Water Use <i>Report To the Extent that Records are Available</i>				
<i>Drop down list</i> <i>May select each use multiple times</i> <i>These are the only Use Types that will be recognized by the WUEdata online submittal tool</i>		2020	2025	2030	2035	2040-opt
Single Family		64,800	72,900	81,100	89,000	96,800
Multi-Family		8,300	9,300	10,300	11,400	12,300
Commercial		6,500	7,300	8,100	8,900	9,700
Industrial		400	400	500	500	600
Institutional/Governmental		3,000	3,300	3,700	4,100	4,400
Landscape		7,500	7,500	7,500	7,500	7,300
Agricultural irrigation	Potable Water	1,900	1,900	1,900	1,900	1,900
Agricultural irrigation	Raw Water	1,000	1,000	1,000	1,000	1,000
Losses	System losses & unbilled, authorized consumption	7,100	7,900	8,800	9,700	10,500
TOTAL		100,500	111,500	122,900	134,000	144,500

NOTES:1) Passive water savings due to the restrictions outlined in the Administrative Code are included in the demand projections for EMWD's retail service area.
 2) Landscape demands remain constant/decrease over time as landscape accounts are offset by conversion to the recycled water system.
 3) Projections for losses in the table include system losses (real and apparent) and unbilled, authorized consumption.

Table 4-2 Wholesale: Demands for Potable and Raw Water - Projected

Use Type (Add additional rows as needed)	Additional Description (as needed)	Projected Water Use <i>Report To the Extent that Records are Available</i>				
Drop down list <i>May select each use multiple times</i> <i>These are the only Use Types that will be recognized by the WUEdata online submittal tool.</i>		2020	2025	2030	2035	2040 (opt)
Sales to other agencies	City of Hemet	0	0	0	0	0
Sales to other agencies	City of Perris Water System	1,800	1,900	2,000	2,100	2,200
Sales to other agencies	City of San Jacinto	0	0	0	0	0
Sales to other agencies	Nuevo Water Company	400	500	600	600	700
Sales to other agencies	Western Municipal Water District Murrieta Division	2,500	3,900	5,200	6,500	7,900
Sales to other agencies	Rancho California Water District	33,600	35,200	36,900	38,600	40,200
Sales to other agencies	Raw Water to Lake Hemet Municipal Water District	4,700	5,100	5,500	5,900	6,300
Groundwater recharge	Imported water recharge to the Hemet/San Jacinto Basin	7,500	7,500	7,500	7,500	7,500
TOTAL		50,500	54,100	57,700	61,200	64,800
NOTES: 1) Deliveries to Lake Hemet Municipal Water District may be in the form of recharge managed through the Hemet/San Jacinto Water Management Plan. 2) Groundwater recharge will occur under the Hemet/San Jacinto Water Management Plan.						

Table 4-3 Retail: Total Water Demands

	2015	2020	2025	2030	2035	2040 <i>(opt)</i>
Potable and Raw Water <i>From</i> <i>Tables 4-1 and 4-2</i>	78,937	100,500	111,500	122,900	134,000	144,500
Recycled Water Demand* <i>From</i> <i>Table 6-4</i>	44,150	45,245	48,334	50,017	51,800	53,300
TOTAL WATER DEMAND	123,087	145,745	159,834	172,917	185,800	197,800

**Recycled water demand fields will be blank until Table 6-4 is complete.*

NOTES:

Table 4-3 Wholesale: Total Water Demands

	2015	2020	2025	2030	2035	2040(opt)
Potable and Raw Water <i>From Tables 4-1 and 4-2</i>	21,768	50,500	54,100	57,700	61,200	64,800
Recycled Water Demand* <i>From Table 6-4</i>	1,235	1,656	4,766	5,183	5,600	5,600
TOTAL WATER DEMAND	23,003	52,156	58,866	62,883	66,800	70,400

**Recycled water demand fields will be blank until Table 6-4 is complete.*

NOTES:

Table 4-4 Retail: 12 Month Water Loss Audit Reporting

Reporting Period Start Date (mm/yyyy)	Volume of Water Loss*
07/2014	4,183

** Taken from the field "Water Losses" (a combination of apparent losses and real losses) from the AWWA worksheet.*

NOTES: EMWD's retail and wholesale physical facilities are shared. Therefore, losses cannot be easily attributed to one system or the other. For this reason, all of EMWD's water losses are reported in the DWR Table 4-4 for retail. Water Loss includes Real losses (3,497 AF) and Apparent losses (686 AF).

Table 4-4 Wholesale: 12 Month Water Loss Audit Reporting

Reporting Period Start Date (mm/yyyy)	Volume of Water Loss*
See retail table	See retail table

** Taken from the field "Water Losses" (a combination of apparent losses and real losses) from the AWWA worksheet.*

NOTES: EMWD's retail and wholesale physical facilities are shared. Therefore, losses cannot be easily attributed to one system or the other. For this reason, all of EMWD's water losses are reported in the DWR Table 4-4 for retail.

Table 4-5 Retail Only: Inclusion in Water Use Projections

<p>Are Future Water Savings Included in Projections? (Refer to Appendix K of UWMP Guidebook) <i>Drop down list (y/n)</i></p>	<p>Yes</p>
<p>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.</p>	<p>Section 4.2.1 and Section 4.4</p>
<p>Are Lower Income Residential Demands Included In Projections? <i>Drop down list (y/n)</i></p>	<p>Yes</p>
<p>NOTES:</p>	

Table 5-1 Baselines and Targets Summary*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	187	176
5 Year	2003	2007	195		

*All values are in Gallons per Capita per Day (GPCD)

NOTES:

Table 5-2: 2015 Compliance*Retail Agency or Regional Alliance Only*

Actual 2015 GPCD*	2015 Interim Target GPCD*	Optional Adjustments to 2015 GPCD <i>From Methodology 8</i>					2015 GPCD* <i>(Adjusted if applicable)</i>	Did Supplier Achieve Targeted Reduction for 2015? Y/N
		Extraordinary Events*	Economic Adjustment*	Weather Normalization*	TOTAL Adjustments*	Adjusted 2015 GPCD*		
129	187				0	129	129	Yes

**All values are in Gallons per Capita per Day (GPCD)*

NOTES:

Table 6-1 Retail: Groundwater Volume Pumped						
<input type="checkbox"/>	Supplier does not pump groundwater. The supplier will not complete the table below.					
Groundwater Type <i>Drop Down List</i> <i>May use each category multiple times</i>	Location or Basin Name	2011	2012	2013	2014	2015
<i>Add additional rows as needed</i>						
Alluvial Basin	Hemet/San Jacinto Basin portion of the San Jacinto Groundwater Basin (DWR 8-05) ¹	12,709	10,091	13,828	8,021	9,559
Alluvial Basin	West San Jacinto Basin portion of the San Jacinto Groundwater Basin (DWR 8-05)	4,756	5,399	4,996	4,016	5,011
Alluvial Basin	Brackish Groundwater from the West San Jacinto Basin portion of the San Jacinto Groundwater Basin (DWR 8-05) ²	7,533	7,139	6,501	9,897	10,089
TOTAL		24,998	22,629	25,325	21,934	24,659
<p>NOTES: 1) There was additional EMWD pumping (641 AF in 2014; 1,284 AF in 2015) in the Hemet/San Jacinto Basin that was wheeled as part of sub-agency groundwater rights under the Hemet/San Jacinto Management Plan.</p> <p>2) Brackish groundwater pumped from the West San Jacinto Basin is not a direct supply – it is used to feed desalination facilities. The treated volume of this supply is shown in the other supply tables of this chapter as desalinated water instead of groundwater.</p>						

Table 6-1 Wholesale: Groundwater Volume Pumped

<input checked="" type="checkbox"/>	Supplier does not pump groundwater. The supplier will not complete the table below.					
Groundwater Type <i>Drop Down List</i> <i>May use each category multiple times</i>	Location or Basin Name	2011	2012	2013	2014	2015
TOTAL		0	0	0	0	0
NOTES:						

Table 6-2 Retail: Wastewater Collected Within Service Area in 2015

<input type="checkbox"/>	There is no wastewater collection system. The supplier will not complete the table below.					
	Percentage of 2015 service area covered by wastewater collection system <i>(optional)</i>					
	Percentage of 2015 service area population covered by wastewater collection system <i>(optional)</i>					
Wastewater Collection			Recipient of Collected Wastewater			
Name of Wastewater Collection Agency	Wastewater Volume Metered or Estimated? <i>Drop Down List</i>	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? <i>Drop Down List</i>	Is WWTP Operation Contracted to a Third Party? <i>(optional)</i> <i>Drop Down List</i>
<i>Add additional rows as needed</i>						
Eastern Municipal Water District	Metered	7,382	Eastern Municipal Water District	San Jacinto Valley RWRf	Yes	No
Eastern Municipal Water District	Metered	12,389	Eastern Municipal Water District	Moreno Valley RWRf	Yes	No
Eastern Municipal Water District	Metered	15,088	Eastern Municipal Water District	Temecula Valley RWRf	Yes	No
Eastern Municipal Water District	Metered	13,806	Eastern Municipal Water District	Perris Valley RWRf	Yes	No
Total Wastewater Collected from Service Area in 2015:		48,665				

NOTES: Total listed under "Volume of Wastewater Collected from UWMP Service Area 2015" differs from total listed under "Wastewater Treated" in DWR Table 6-3 due to losses in the treatment process.

Table 6-3 Retail: Wastewater Treatment and Discharge Within Service Area in 2015

<input type="checkbox"/> No wastewater is treated or disposed of within the UWMP service area. The supplier will not complete the table below.										
Wastewater Treatment Plant Name	Discharge Location Name or Identifier	Discharge Location Description	Wastewater Discharge ID Number (optional)	Method of Disposal <i>Drop down list</i>	Does This Plant Treat Wastewater Generated Outside the Service Area?	Treatment Level <i>Drop down list</i>	2015 volumes			
							Wastewater Treated	Discharged Treated Wastewater	Recycled Within Service Area	Recycled Outside of Service Area
<i>Add additional rows as needed</i>										
San Jacinto Valley Regional Water Reclamation Facility	Reach 4 Dissipater	Temescal Creek		River or creek outfall	No	Tertiary	6,884	0	5,157	0
Moreno Valley Regional Water Reclamation Facility	Reach 4 Dissipater	Temescal Creek		River or creek outfall	No	Tertiary	11,554	0	8,656	0
Temecula Valley Regional Water Reclamation Facility	Reach 4 Dissipater	Temescal Creek		River or creek outfall	No	Tertiary	14,071	0	10,542	0
Perris Valley Regional Water Reclamation Facility	Reach 4 Dissipater	Temescal Creek		River or creek outfall	No	Tertiary	12,876	0	9,646	0
Total							45,385	0	34,001	0
NOTES: 1) All four of EMWD's RWRFs are connected through EMWD's regional recycled water system with one discharge point. 2) Total listed under "Wastewater Treated" differs from the total listed under "Volume of Wastewater Collected in 2015" in DWR Table 6-2 due to losses occurring during treatment process. 3) Because all four RWRFs are connected through one regional recycled water system, it is not possible to distinguish the volume of water recycled from each individual facility. Volumes recycled from each facility in the table were estimated based on the proportion of wastewater collected and treated at each plant compared to the total volume of wastewater treated. 4) The balance between the total "Wastewater Treated" and the total volume "Recycled Within Service Area" represents EMWD's system losses (such as storage pond evaporation and incidental recharge). 5) Recycled water sold to RCWD and EVMWD is included in the total volume recycled within EMWD's service area and not reported separately in the DWR Table 6-3 for wholesale. Recycled water delivered to wholesale customers are distinguished from retail sales in DWR Table 6-4.										

Table 6-3 Wholesale: Wastewater Treatment and Discharge Within Service Area in 2015

Wholesale supplier neither distributes nor provides supplemental treatment to recycled water. The supplier will not complete the table below.										
Wastewater Treatment Plant Name	Discharge Location Name or Identifier	Discharge Location Description	Wastewater Discharge ID Number (optional)	Method of Disposal <i>Drop down list</i>	Does This Plant Treat Wastewater Generated Outside the Service Area?	Treatment Level <i>Drop down list</i>	2015 volumes			
							Wastewater Treated	Discharged Treated Wastewater	Recycled Within Service Area	Recycled Outside of Service Area
<i>Add additional rows as needed</i>										
Total							0	0	0	0
NOTES: EMWD sells recycled water to wholesale customers RCWD and EVMWD. These volumes are accounted for in the wastewater treated, discharged, and recycled in DWR Table 6-3 for retail.										

Table 6-4 Retail: Current and Projected Recycled Water Direct Beneficial Uses Within Service Area

<input type="checkbox"/> Recycled water is not used and is not planned for use within the service area of the supplier. The supplier will not complete the table below.								
Name of Agency Producing (Treating) the Recycled Water:		Eastern Municipal Water District						
Name of Agency Operating the Recycled Water Distribution System:		Eastern Municipal Water District						
Supplemental Water Added in 2015		682 AF						
Source of 2015 Supplemental Water		Raw, Brackish Groundwater from the West San Jacinto Basin						
Beneficial Use Type	General Description of 2015 Uses	Level of Treatment <i>Drop down list</i>	2015	2020	2025	2030	2035	2040 (opt)
Agricultural irrigation		Tertiary	22,979	18,784	17,912	17,784	17,756	17,756
Landscape irrigation (excludes golf courses)		Tertiary	2,464	5,124	6,124	7,124	8,124	9,624
Golf course irrigation		Tertiary	1,572	2,375	2,750	3,125	3,500	3,500
Commercial use		Tertiary	0	300	300	300	300	300
Industrial use		Tertiary	1,067	2,912	3,348	3,784	4,220	4,220
Geothermal and other energy production								
Seawater intrusion barrier								
Recreational impoundment		Tertiary	1,177	1,250	1,400	1,400	1,400	1,400
Wetlands or wildlife habitat		Tertiary	3,507	4,500	4,500	4,500	4,500	4,500
Groundwater recharge (IPR)*								
Surface water augmentation (IPR)*								
Direct potable reuse								
Other (Provide General Description)								
Total:			32,766	35,245	36,334	38,017	39,800	41,300

**IPR - Indirect Potable Reuse*

NOTES: 1) Raw, brackish groundwater from the West San Jacinto Basin was used in the recycled water system in 2015 to help meet higher than average agricultural demands for recycled water. This volume was removed from the agricultural beneficial uses volume in the table above. 2) Additional recycled water supply is available to EMWD from 2020 through 2040 that is planned for IPR. This volume is not included in the table as a projected beneficial use as IPR is still a conceptual project. The available supply will be redirected to other demands, including agricultural irrigation and landscape irrigation, if the IPR project is not implemented.

Table 6-4 Wholesale: Current and Projected Retailers Provided Recycled Water Within Service Area

<input type="checkbox"/>	Recycled water is not directly treated or distributed by the supplier. The supplier will not complete the table below.						The
Name of Receiving Supplier or Direct Use by Wholesaler	Level of Treatment <i>Drop down list</i>	2015	2020	2025	2030	2035	2040 <i>(opt)</i>
<i>Add additional rows as needed</i>							
Elsinore Valley Municipal Water District	Tertiary	251	289	400	400	400	400
Rancho California Water District	Tertiary	984	1,367	4,366	4,783	5,200	5,200
Total		1,235	1,656	4,766	5,183	5,600	5,600
NOTES:							

Table 6-5 Retail: 2010 UWMP Recycled Water Use Projection Compared to 2015 Actual

□	Recycled water was not used in 2010 nor projected for use in 2015. The supplier will not complete the table below.	
Use Type	2010 Projection for 2015	2015 Actual Use
Agricultural irrigation	20,000	22,979
Landscape irrigation (excludes golf courses)	5,100	2,464
Golf course irrigation	--	1,572
Commercial use	--	0
Industrial use	5,800	1,067
Geothermal and other energy production	--	--
Seawater intrusion barrier	--	--
Recreational impoundment	--	1,177
Wetlands or wildlife habitat	2,000	3,507
Groundwater recharge (IPR)	--	--
Surface water augmentation (IPR)	--	--
Direct potable reuse	--	--
Other		
Total	32,900	32,766

NOTES:

Table 6-5 Wholesale: 2010 UWMP Recycled Water Use Projection Compared to 2015 Actual

<input type="checkbox"/>	Recycled water was not used or distributed by the supplier in 2010, nor projected for use or distribution in 2015. The wholesale supplier will not complete the table below.	
Name of Receiving Supplier or Direct Use by Wholesaler	2010 Projection for 2015	2015 actual use
<i>Add additional rows as needed</i>		
Elsinore Valley Municipal Water District	--	251
Rancho California Water District	--	984
Total	0	1,235
NOTES: Projections for wholesale recycled water deliveries were not provided in the 2010 UWMP.		

Table 6-6 Retail: Methods to Expand Future Recycled Water Use

☐	Supplier does not plan to expand recycled water use in the future. Supplier will not complete the table below but will provide narrative explanation.
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	Provide page location of narrative in UWMP
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Name of Action	Description	Planned Implementation Year	Expected Increase in Recycled Water Use
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Add additional rows as needed

Mandatory Recycled Water Use Ordinance	The ordinance requiring new and existing customers to use recycled water for appropriate permitted uses when it is available	Ongoing	2,703
Rate Incentives	EMWD prices recycled water below the cost of potable water for both municipal and agricultural use	Ongoing	2,703
Water Supply Assessments	Assessments condition all major new developments to use recycled water as a condition of service where it is available and permitted	Ongoing	2,703
Public Education	EMWD has a recycled water public education campaign to promote the benefits of recycled water	Ongoing	2,703
Facilities Financing	EMWD helps arrange or provide financing for the construction of facilities needed to convert potable demands to recycled water	Ongoing	2,703
Total			13,515

NOTES: EMWD does not have any data to support a projection of how much increased recycled water sales will result from each of the listed methods of encouraging recycled water use. Historically, the low cost of recycled water was the primary inducement for agricultural customers to use recycled water in-lieu of groundwater. However, as municipal customers continue to replace agriculture, it is reasonable to assume that the mandatory provisions of EMWD's Recycled Water Use Ordinance will play a major role in program expansion.

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

<input type="checkbox"/>	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.					
<input type="checkbox"/>	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.					
	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 <i>Drop Down List</i>	Expected Increase in Water Supply to Agency <i>This may be a range</i>
	<i>Drop Down List (y/n)</i>	<i>If Yes, Agency Name</i>				
<i>Add additional rows as needed</i>						
San Jacinto Enhanced Recharge and Recovery Program (ERRP)	Yes	Inland Empire Utilities Agencies, Orange County Water District, San Bernardino Valley Municipal Water District, Western Municipal Water District, DWR	Project to be completed in phases and includes conjunctive use of groundwater recharge and stormwater capture	2020	Multi-Dry Year	45,000 AFY
Moreno Valley Groundwater Development	No		Completion of up to 3 new wells in the Moreno Valley area	2020	Average Year	2,000 AFY
North Perris Groundwater Development	No		Completion of a new well in the North Perris area	2020	Average Year	1,000 AFY
Perris II Desalter	Yes	Army Corps of Engineers	Project includes 4 new wells, 2 of which will be drilled by Army Corps of Engineers	2020	Average Year	3,000-6,000 AFY
Full Utilization of Recycled Water (Potential IPR)	No		Advanced treated recycled water used to recharge the Hemet/San Jacinto Basin	2020-2040	Average Year	18,500 AFY
<p>NOTES: 1) EMWD is planning on meeting future demands with additional imported water. Implementation of future water supply projects or programs would be expected to result in reduced imported water usage with the exception of the ERRP project. The ERRP will include the use of imported water stored for dry weather use.</p> <p>2) Phase 1 of the ERRP is EMWD's contribution to the SARCUPP. In addition to partnering with the SAWPA agencies, coordination will be required with the Hemet-San Jacinto Watermaster.</p> <p>3) While the implementation of IPR is a potential future supply project, the volume is not included in EMWD's supply projections in DWR Table 6-9 for retail.</p>						

Table 6-7 Wholesale: Expected 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 supplier's future water supply projects or programs are not compatible with this table and are described in 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 <i>Drop Down list</i>	Expected Increase in Water Supply to Agency
	<i>Drop Down Menu</i>	<i>If Yes, Agency Name</i>				

Add additional rows as needed

NOTES: EMWD's future supply projects are included in DWR's Retail Table 6-7. Future wholesale demands are expected to be met with imported water.

Table 6-8 Retail: Water Supplies — Actual				
Water Supply	Additional Detail on Water Supply	2015		
<i>Drop down list</i> <i>May use each category multiple times.</i> <i>These are the only water supply categories that will be recognized by the WUEdata online submittal tool</i>		Actual Volume	Water Quality <i>Drop Down List</i>	Total Right or Safe Yield <i>(optional)</i>
<i>Add additional rows as needed</i>				
Purchased or Imported Water	Treated water purchased from MWD	36,828	Drinking Water	
Purchased or Imported Water	Untreated Water purchased from MWD, treated at EMWD Filtration Plants	18,628	Drinking Water	
Purchased or Imported Water	Raw Water for Agriculture	941	Raw Water	
Groundwater	Potable water pumped from the Hemet/San Jacinto Basin portion of the San Jacinto Groundwater Basin (DWR 8-05)	9,559	Drinking Water	
Groundwater	Potable water pumped from the West San Jacinto Basin portion of the San Jacinto Groundwater Basin (DWR 8-05)	5,011	Drinking Water	
Groundwater	Brackish water pumped from the West San Jacinto Basin portion of the San Jacinto Groundwater Basin (DWR 8-05) used to supplement the recycled water system	682	Raw Water	
Desalinated Water	Desalinated water pumped from the West San Jacinto Basin portion of the San Jacinto Groundwater Basin (DWR 8-05)	7,288	Drinking Water	
Recycled Water	Includes Storage Pond Incidental Recharge / Evaporation	44,150	Recycled Water	
Total		123,087		0
<p>NOTES: 1) In 2015, brackish groundwater from the West San Jacinto Basin was used to supplement the recycled water system.</p> <p>2) Desalinated water is brackish groundwater pumped from the West San Jacinto Basin that has been desalinated to provide drinking water quality. The volume in the table reflects the volume after treatment that is available for potable supply. The 2015 volume pumped from the basin before treatment was reported in DWR Table 6-1 as brackish groundwater.</p>				

Table 6-8 Wholesale: Water Supplies — Actual

Table 6-8 Wholesale: Water Supplies — Actual				
Water Supply	Additional Detail on Water Supply	2015		
<i>Drop down list</i> <i>May use each category multiple times. These are the only water supply categories that will be recognized by the WUEdata online submittal tool</i>		Actual Volume	Water Quality <i>Drop Down List</i>	Total Right or Safe Yield <i>(optional)</i>
<i>Add additional rows as needed</i>				
Purchased or Imported Water	Treated Water purchased from MWD	6,532	Drinking Water	
Purchased or Imported Water	Raw Water purchased from MWD	15,236	Raw Water	
Recycled Water		1,235	Recycled Water	
Total		23,003		0
NOTES:				

Table 6-9 Retail: Water Supplies — Projected

Water Supply	Additional Detail on Water Supply	Projected Water Supply <i>Report To the Extent Practicable</i>									
		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)
<i>Add additional rows as needed</i>											
Purchased or Imported Water	MWD Treated/Untreated	73,697		81,597		92,997		104,097		114,597	
Purchased or Imported Water	Soboba Settlement Water	7,500		7,500		7,500		7,500		7,500	
Groundwater	Pumped from the Hemet/San Jacinto Basin	7,303		7,303		7,303		7,303		7,303	
Groundwater	Pumped from the West San Jacinto Basin	5,000		5,000		5,000		5,000		5,000	
Desalinated Water	Desalinated water from the West San Jacinto Basin	7,000		10,100		10,100		10,100		10,100	
Recycled Water	Includes Storage Pond Incidental Recharge / Evaporation	45,245		48,334		50,017		51,800		53,300	
Total		145,745	0	159,834	0	172,917	0	185,800	0	197,800	0

NOTES: 1) 7,500 AFY is the annual amount delivered by MWD to meet the Soboba Settlement Agreement. This water is delivered to EMWD as the member agency of MWD but the groundwater supplies that result from this recharged water are divided between the Soboba Tribe and the participants of the Hemet/San Jacinto Management Plan.
 2) Desalinated water is brackish groundwater pumped from the West San Jacinto Basin that has been desalinated to provide drinking water quality.

Table 6-9 Wholesale: Water Supplies — Projected

Water Supply		Projected Water Supply <i>Report To the Extent Practicable</i>										
		2020		2025		2030		2035		2040 (opt)		
<i>Drop down list</i> 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	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)
			<i>Add additional rows as needed</i>									
Purchased or Imported Water	MWD Treated/Untreated		50,500		54,100		57,700		61,200		64,800	
Recycled Water			1,656		4,766		5,183		5,600		5,600	
Total			52,156	0	58,866	0	62,883	0	66,800	0	70,400	0
NOTES:												

Table 7-1 Retail: Basis of Water Year Data

Year Type	Base Year <i>If not using a calendar year, type in the last year of the fiscal, water year, or range of years, for example, water year 1999-2000, use 2000</i>	Available Supplies if Year Type Repeats	
		<input type="checkbox"/>	Quantification of available supplies is not compatible with this table and is provided elsewhere in the UWMP. Location _____
		<input type="checkbox"/>	Quantification of available supplies is provided in this table as either volume only, percent only, or both.
		Volume Available	% of Average Supply
Average Year	1922-2004		100%
Single-Dry Year	1977		100%
Multiple-Dry Years 1st Year	1990		100%
Multiple-Dry Years 2nd Year	1991		100%
Multiple-Dry Years 3rd Year	1992		100%
Multiple-Dry Years 4th Year <i>Optional</i>			
Multiple-Dry Years 5th Year <i>Optional</i>			
Multiple-Dry Years 6th Year <i>Optional</i>			
<p>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.</p>			
<p>NOTES: The MWD IRP simulations show no risk of shortages (allocation) for MWD supply, for the average, single-dry year (1977) and multiple-dry year (1990–1992) conditions.</p>			

Table 7-1 Wholesale: Basis of Water Year Data

Year Type	Base Year <i>If not using a calendar year, type in the last year of the fiscal, water year, or range of years, for example, water year 1999-2000, use 2000</i>	Available Supplies if Year Type Repeats	
		<input type="checkbox"/>	Quantification of available supplies is not compatible with this table and is provided elsewhere in the UWMP. Location _____
		<input type="checkbox"/>	Quantification of available supplies is provided in this table as either volume only, percent only, or both.
		Volume Available	% of Average Supply
Average Year	1922-2004		100%
Single-Dry Year	1977		100%
Multiple-Dry Years 1st Year	1990		100%
Multiple-Dry Years 2nd Year	1991		100%
Multiple-Dry Years 3rd Year	1992		100%
Multiple-Dry Years 4th Year <i>Optional</i>			
Multiple-Dry Years 5th Year <i>Optional</i>			
Multiple-Dry Years 6th Year <i>Optional</i>			
<p>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.</p>			
<p>NOTES: The MWD IRP simulations show no risk of shortages (allocation) for MWD supply, for the average, single-dry year (1977) and multiple-dry year (1990–1992) conditions.</p>			

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

	2020	2025	2030	2035	2040 <i>(Opt)</i>
Supply totals <i>(autofill from Table 6-9)</i>	145,745	159,834	172,917	185,800	197,800
Demand totals <i>(autofill from Table 4-3)</i>	145,745	159,834	172,917	185,800	197,800
Difference	0	0	0	0	0

NOTES:

Table 7-2 Wholesale: Normal Year Supply and Demand Comparison

	2020	2025	2030	2035	2040 <i>(Opt)</i>
Supply totals <i>(autofill from Table 6-9)</i>	52,156	58,866	62,883	66,800	70,400
Demand totals <i>(autofill fm Table 4-3)</i>	52,156	58,866	62,883	66,800	70,400
Difference	0	0	0	0	0

NOTES:

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

	2020	2025	2030	2035	2040 (Opt)
Supply totals	166,300	182,400	197,400	212,000	225,700
Demand totals	166,300	182,400	197,400	212,000	225,700
Difference	0	0	0	0	0

NOTES:

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

	2020	2025	2030	2035	2040 (Opt)
Supply totals	58,500	66,200	70,700	75,200	79,300
Demand totals	58,500	66,200	70,700	75,200	79,300
Difference	0	0	0	0	0

NOTES:

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

		2020	2025	2030	2035	2040 (Opt)
First year	Supply totals	166,300	182,400	197,400	212,000	225,700
	Demand totals	166,300	182,400	197,400	212,000	225,700
	Difference	0	0	0	0	0
Second year	Supply totals	142,500	155,400	167,400	179,000	190,100
	Demand totals	142,500	155,400	167,400	179,000	190,100
	Difference	0	0	0	0	0
Third year	Supply totals	149,500	162,700	175,100	186,900	198,600
	Demand totals	149,500	162,700	175,100	186,900	198,600
	Difference	0	0	0	0	0
Fourth year <i>(optional)</i>	Supply totals					
	Demand totals					
	Difference	0	0	0	0	0
Fifth year <i>(optional)</i>	Supply totals					
	Demand totals					
	Difference	0	0	0	0	0
Sixth year <i>(optional)</i>	Supply totals					
	Demand totals					
	Difference	0	0	0	0	0

NOTES:

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

		2020	2025	2030	2035	2040 (Opt)
First year	Supply totals	58,500	66,200	70,700	75,200	79,300
	Demand totals	58,500	66,200	70,700	75,200	79,300
	Difference	0	0	0	0	0
Second year	Supply totals	48,500	54,700	58,200	61,700	64,900
	Demand totals	48,500	54,700	58,200	61,700	64,900
	Difference	0	0	0	0	0
Third year	Supply totals	52,000	57,400	61,100	64,600	68,000
	Demand totals	52,000	57,400	61,100	64,600	68,000
	Difference	0	0	0	0	0
Fourth year <i>(optional)</i>	Supply totals					
	Demand totals					
	Difference	0	0	0	0	0
Fifth year <i>(optional)</i>	Supply totals					
	Demand totals					
	Difference	0	0	0	0	0
Sixth year <i>(optional)</i>	Supply totals					
	Demand totals					
	Difference	0	0	0	0	0

NOTES:

**Table 8-1 Retail
Stages of Water Shortage Contingency Plan**

Stage	Complete Both	
	Percent Supply Reduction ¹ <i>Numerical value as a percent</i>	Water Supply Condition <i>(Narrative description)</i>
<i>Add additional rows as needed</i>		
1	up to 10%	Supply watch. Customers will be asked to reduce up to 10% of demand voluntarily.
2	up to 25%	Supply alert. Customers will be asked to reduce 25% of demand voluntarily.
3	up to 25%	Mandatory Waste Reduction. At this stage efforts will be focused on a mandatory reduction of excessive water use.
4	up to 50%	Mandatory Outdoor Reduction. At this stage efforts will be focused on mandatory reduction of outdoor water use.
5	50% or greater	Mandatory Indoor Reduction. At this stage efforts will be focused on mandatory reduction of indoor water use. This stage would only be implemented in response to a catastrophic loss of supplies requiring a 50 percent or more reduction in demand.

¹ One stage in the Water Shortage Contingency Plan must address a water shortage of 50%.

NOTES: EMWD has built flexibility into its WSCP. Stages are not directly tied to water supply conditions. The WSCP can be implemented as needed to meet a reduction in demand or to respond to other conditions. In 2015 and 2016, EMWD implemented Stage 4 of its WSCP to meet the requirements of the State Water Resource Control Board Emergency Regulation. The required reduction did not reflect EMWD’s supply reliability..

**Table 8-1 Wholesale
Stages of Water Shortage Contingency Plan**

Stage	Complete Both	
	Supply Reduction ¹	Water Supply Condition (Narrative description)
<i>Add additional rows as needed</i>		
1	5%	MWD regional shortage level 1
2	10%	MWD regional shortage level 2
3	15%	MWD regional shortage level 3
4	20%	MWD regional shortage level 4
5	25%	MWD regional shortage level 5
6	30%	MWD regional shortage level 6
7	35%	MWD regional shortage level 7
8	40%	MWD regional shortage level 8
9	45%	MWD regional shortage level 9
10	50%	MWD regional shortage level 10
¹ One stage in the Water Shortage Contingency Plan must address a water shortage of 50%.		
NOTES: Percentages represent MWD’s regional shortage level and not retail shortages. EMWD will pass through MWD’s WSAP to its wholesale customers.		

Table 8-2 Retail Only: Restrictions and Prohibitions on End Uses

Stage	Restrictions and Prohibitions on End Users <i>Drop down list</i> <i>These are the only categories that will be accepted by the WUEdata online submittal tool</i>	Additional Explanation or Reference <i>(optional)</i>	Penalty, Charge, or Other Enforcement? <i>Drop Down List</i>
<i>Add additional rows as needed</i>			
1	Other - Prohibit use of potable water for washing hard surfaces	Except for health or sanitary reasons	Yes
1	Other - Customers must repair leaks, breaks, and malfunctions in a timely manner	Repair leaks within 48 hours of occurrence	Yes
1	Landscape - Limit landscape irrigation to specific times	Only between 9:00 p.m. and 6:00 a.m. except when: -manually watering; -establishing new landscape; -temperatures are predicted to fall below freezing; -it's for very short periods of time to adjust or repair an irrigation system.	Yes
1	Landscape - Prohibit certain types of landscape irrigation	Unattended irrigation systems using potable water are prohibited unless they are limited to no more than fifteen (15) minutes watering per day, per station. This limitation can be extended for: -Very low flow drip irrigation systems when no emitter produces more than two (2) gallons of water per hour. -Weather based controllers or stream rotor sprinklers that meet a 70% efficiency.	Yes
1	Landscape - Restrict or prohibit runoff from landscape irrigation	Avoid over watering or watering of hardscape and the resulting runoff	Yes
1	Other water feature or swimming pool restriction	Decorative fountains must be equipped with a recycling system	Yes
1	Other	Allowing water to run while washing vehicles is prohibited	Yes
1	Other	Install new landscaping with low-water demand trees and plants. New turf shall only be installed for functional purposes.	Yes

1	Landscape - Other landscape restriction or prohibition	Watering during rain, or within 48 hours after measurable rain, is prohibited	Yes
2	Landscape - Other landscape restriction or prohibition	Reduce watering or irrigating of lawn, landscape or other vegetated areas with sprinklers by one day a week	Yes
2	Other - Customers must repair leaks, breaks, and malfunctions in a timely manner	All leaks, breaks, or other malfunctions in the water user's plumbing or distribution system repaired within seventy-two hours	Yes
2	Other water feature or swimming pool restriction	Refrain from filling or re-filling of ornamental lakes or ponds	Yes
2	Other	Refrain from using potable water to wash or clean a vehicle, including but not limited to, any automobile, truck, van, bus, motorcycle, boat or trailer, whether motorized or not	Yes
3a	Other	No variances or adjustments will be allowed for filling swimming pools, establishing new landscapes or leaks that are not repaired within 48 hours	Yes
3b	Other	Tier 3 (Excessive Use) water budget decreased by 50 percent	Yes
3c	Other	Tier 3 (Excessive Use) water budget decreased by 100 percent	Yes
4	Landscape - Other landscape restriction or prohibition	Watering or irrigating of lawn, landscape, or other vegetated areas with sprinklers should be limited to the following schedule: -June through August: A maximum of two days a week -September through May: A maximum of one day a week	Yes
4a	Other	Tier 2 (Outdoor Use) water budget decreased by 10 percent	Yes
4b	Other	Tier 2 (Outdoor Use) water budget decreased by up to 50 percent	Yes

4c	Other	Tier 2 (Outdoor Use) water budget decreased by up to 100 percent	Yes
5a	Other	Tier 1 (Indoor Use) water budget decreased by 10 percent	Yes
5b	Other	Tier 1 (Indoor Use) water budget decreased by 30 percent	Yes
5c	Other	Tier 1 (Indoor Use) water budget decreased by 50 percent	Yes
5	Other	CI, Agricultural, and any other customer without a water budget will be given a water budget based on historical water use, and allocations will be reduced according to the percentages listed for stages 5a-5c (up to 50 percent)	Yes
NOTES:			

**Table 8-3 Retail Only:
Stages of Water Shortage Contingency Plan - Consumption Reduction Methods**

Stage	Consumption Reduction Methods by Water Supplier <i>Drop down list</i> <i>These are the only categories that will be accepted by the WUEdata online submittal tool</i>	Additional Explanation or Reference <i>(optional)</i>
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Add additional rows as needed

1-5	Expand Public Information Campaign	EMWD will continue to implement its conservation program and may supplement programs during WSCP implementation.
3	Other	EMWD has four tiers in its allocation based rate structure. Stage 3 progressively reduces the tier 3 allocation. Any water used over the allocations for tiers 1-3 is charged at the tier 4 rate ¹ .
4	Other	EMWD has four tiers in its allocation based rate structure. Stage four eliminated the tier 3 allocation and progressively reduces the tier 2 allocation. Any water used over the allocations for tiers 1-2 is charged at the tier 4 rate ¹ .
5	Other	EMWD has four tiers in its allocation based rate structure. Stage 5 eliminated the tier 3 and 4 allocations and progressively reduces the tier 1 allocation. Any water used over the allocations for tiers 1 is charged at the tier 4 rate ¹ .

NOTES: The current tier 4 rate is \$11.16 per hundred cubic feet

Table 8-4 Retail: Minimum Supply Next Three Years

	2016	2017	2018
Available Water Supply	128,500	131,700	135,000

NOTES:

Table 8-4 Wholesale: Minimum Supply Next Three Years

	2016	2017	2018
Available Water Supply	25,900	26,500	27,200

NOTES:

Table 10-1 Retail: Notification to Cities and Counties

City Name	60 Day Notice	Notice of Public Hearing
<i>Add additional rows as needed</i>		
City of Beaumont	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
City of Menifee	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
City of Moreno Valley	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
City of Murrieta	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
City of Riverside	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
City of Temecula	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
County Name <i>Drop Down List</i>	60 Day Notice	Notice of Public Hearing
<i>Add additional rows as needed</i>		
Riverside County	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Table 10-1 Wholesale: Notification to Cities and Counties (select one)

Supplier has notified more than 10 cities or counties in accordance with CWC 10621 (b) and 10642.
Completion of the table below is not required. Provide a separate list of the cities and counties that were notified.

Provide the page or location of this list in the UWMP.

Supplier has notified 10 or fewer cities or counties.
Complete the table below.

City Name	60 Day Notice	Notice of Public Hearing
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Add additional rows as needed

City of Perris	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
City of Hemet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
City of San Jacinto	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Lake Hemet Municipal Water District	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Nuevo Water Company	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Rancho California Water District	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Western Municipal Water District	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Elsinore Valley Municipal Water District	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Metropolitan Water District of Southern California	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

County Name <i>Drop Down List</i>	60 Day Notice	Notice of Public Hearing
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Add additional rows as needed

Riverside County	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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NOTES: