

Appendix 34
Growth-inducing Impacts

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APPENDIX 34A

Growth-inducing Considerations for Municipal and Industrial Water Users

34A.1 Introduction

This appendix includes a summary of projected water supplies and demands anticipated by municipal and industrial (M&I) water users that could be served by water developed under the Sites Reservoir Project (Project).

As described in Chapter 6 Surface Water Resources, the Project water supplied to M&I water users would be used to improve their water deliveries under their contractual agreements with Central Valley Project (CVP) or State Water Project (SWP) up to the total amount in the CVP or SWP agreement. The Project water would not increase the amount water delivered through the CVP or SWP facilities by more than the existing total contract amounts.

The changes in water deliveries to M&I water users projected by the CALSIM II model results for Alternatives A, B, C, C₁, and D as compared to the Existing Conditions/No Project/No Action Condition for average long-term and Dry/Critical Water Years are summarized in Table 34A-1.

For M&I water users that currently receive CVP or SWP water supplies, information from their most recent Urban Water Management Plans (UWMPs) submitted to the California Department of Water Resources was reviewed to identify total water supply and water demand projections through 2030. The future water demands include assumptions for implementation of water conservation measures to meet the statewide mandate to reduce M&I water demand by 20 percent by 2020. For water users that did not prepare a UWMP, information was obtained from water master plans and integrated regional water management plans. This information is summarized in Tables 34A-2 through 34A-45.

As indicated in Table 34A-1, CVP and SWP water deliveries to M&I users would represent no increase in total water supplies over the long-term average water deliveries, and less than 10 percent increase in total water supplies in Dry and Critical water years except for the South Lahontan SWP water users under Alternative D when the increased water deliveries would represent a 17 percent increase in total water supplies.

Table 34A-1
Changes in CVP and/or SWP M&I Deliveries as a Portion of Total Water Supplies under Alternatives A, B, C, and D as Compared to Existing Conditions/No Project/No Action Conditions

Area	Total 2030 Water Supply (acre-feet) (see Tables 34A-2 through 34A-46)	Change in CVP and/or SWP Deliveries under Alternative A compared to Existing Conditions/No Project/No Action Conditions		Change in CVP and/or SWP Deliveries under Alternative B compared to Existing Conditions/No Project/No Action Conditions		Change in CVP and/or SWP Deliveries under Alternative C compared to Existing Conditions/No Project/No Action Conditions		Change in CVP and/or SWP Deliveries under Alternative D compared to Existing Conditions/No Project/No Action Conditions	
		Acre-Feet	% of Total Water Supply						
Sacramento Valley CVP Water Contractors	642,995	2,000 Long-term Average 1,000 Dry/Critical	0% Long-term Average 0% Dry/Critical	0 Long-term Average 0 Dry/Critical	0% Long-term Average 0% Dry/Critical	2,000 Long-term Average 1,000 Dry/Critical	0% Long-term Average 0% Dry/Critical	1,000 Long-term Average 0 Dry/Critical	0% Long-term Average 0% Dry/Critical
San Joaquin Valley CVP Water Contractors	298,957	0 Long-term Average 0 Dry/Critical	0% Long-term Average 0% Dry/Critical	0 Long-term Average 0 Dry/Critical	0% Long-term Average 0% Dry/Critical	0 Long-term Average 0 Dry/Critical	0% Long-term Average 0% Dry/Critical	0 Long-term Average 0 Dry/Critical	0% Long-term Average 0% Dry/Critical
San Francisco Bay Area CVP and SWP Water Contractors	1,070,039 (includes SWP water)	9,000 Long-term Average 18,000 Dry/Critical	1% Long-term Average 2% Dry/Critical	10,000 Long-term Average 18,000 Dry/Critical	1% Long-term Average 2% Dry/Critical	10,000 Long-term Average 21,000 Dry/Critical	1% Long-term Average 2% Dry/Critical	9,000 Long-term Average 16,000 Dry/Critical	1% Long-term Average 2% Dry/Critical
Sacramento Valley SWP Water Contractors	323,043 (includes agricultural use)	1,000 Long-term Average 2,000 Dry/Critical	0% Long-term Average 1% Dry/Critical	1,000 Long-term Average 2,000 Dry/Critical	0% Long-term Average 1% Dry/Critical	2,000 Long-term Average 3,000 Dry/Critical	1% Long-term Average 1% Dry/Critical	1,000 Long-term Average 2,000 Dry/Critical	0% Long-term Average 1% Dry/Critical
Tulare Lake Area SWP Water Contractors	135,834	4,000 Long-term Average 9,000 Dry/Critical	3% Long-term Average 7% Dry/Critical	4,000 Long-term Average 8,000 Dry/Critical	3% Long-term Average 6% Dry/Critical	5,000 Long-term Average 10,000 Dry/Critical	4% Long-term Average 7% Dry/Critical	4,000 Long-term Average 7,000 Dry/Critical	3% Long-term Average 5% Dry/Critical
Central Coast SWP Water Contractors	126,863	2,000 Long-term Average 5,000 Dry/Critical	2% Long-term Average 4% Dry/Critical	2,000 Long-term Average 4,000 Dry/Critical	2% Long-term Average 3% Dry/Critical	2,000 Long-term Average 5,000 Dry/Critical	2% Long-term Average 4% Dry/Critical	2,000 Long-term Average 4,000 Dry/Critical	2% Long-term Average 3% Dry/Critical

Area	Total 2030 Water Supply (acre-feet) (see Tables 34A-2 through 34A-46)	Change in CVP and/or SWP Deliveries under Alternative A compared to Existing Conditions/No Project/No Action Conditions		Change in CVP and/or SWP Deliveries under Alternative B compared to Existing Conditions/No Project/No Action Conditions		Change in CVP and/or SWP Deliveries under Alternative C compared to Existing Conditions/No Project/No Action Conditions		Change in CVP and/or SWP Deliveries under Alternative D compared to Existing Conditions/No Project/No Action Conditions	
		Acre-Feet	% of Total Water Supply	Acre-Feet	% of Total Water Supply	Acre-Feet	% of Total Water Supply	Acre-Feet	% of Total Water Supply
South Lahontan SWP Water Contractors	302,823	13,000 Long-term Average 30,000 Dry/Critical	4% Long-term Average 9% Dry/Critical	14,000 Long-term Average 28,000 Dry/Critical	4% Long-term Average 9% Dry/Critical	14,000 Long-term Average 33,000 Dry/Critical	4% Long-term Average 10% Dry/Critical	12,000 Long-term Average 26,000 Dry/Critical	4% Long-term Average 9% Dry/Critical
South Coast SWP Water Contractors	7,153,693	62,000 Long-term Average 141,000 Dry/Critical	1% Long-term Average 2% Dry/Critical	65,000 Long-term Average 131,000 Dry/Critical	1% Long-term Average 2% Dry/Critical	68,000 Long-term Average 155,000 Dry/Critical	1% Long-term Average 2% Dry/Critical	59,000 Long-term Average 119,000 Dry/Critical	1% Long-term Average 2% Dry/Critical

34A.2 Agency Summaries of Average Annual Water Demands and Supplies

This section includes summaries of water demand and water supply projections for M&I users of CVP and SWP water supplies. The M&I water users are generally organized geographically in this section from north to south.

**Table 34A-2
Bella Vista Water District – Sacramento Valley CVP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand (includes M&I, rural, and agricultural demands)	17,897	Bella Vista Water District serves portions of Redding. These values are from the <i>Bella Vista Water District Urban Water Management Plan Update 2015, 2016</i> .
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	19,114	CVP Water Service Contract 24,578 acre-feet, includes 24,000 acre-feet (14-06-200-851A-LTR1) and 578 acre-feet assigned from Shasta County Water Agency initial CVP Water Service Contract (14-06-200-3464A-LTR1). (Volume calculated from UWMP). Assumed CVP water supplies could be reduced to 54 percent of the contract amount in driest water years.
SWP Water Supplies	–	–
Other Imported Water Supplies	–	–
Local Surface Water Supplies	–	–
Groundwater	5,820	Assumed new wells by 2020 per existing Water Master Plan, as discussed in the UWMP.
Recycled Water	–	–
Desalination	–	–
Transfers/Exchanges	1,536	Long-term transfer from Anderson-Cottonwood Irrigation District through 2045. Does not include short-term historic transfers.
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	26,470	This volume assumes an average of 78% CVP allocation; however, during drier years, the allocation could be reduced to 50%. Water supplies that exceed demand could be used for groundwater recharge.

**Table 34A-3
Centerville Community Services District – Sacramento Valley CVP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	3,185	–
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	3,185	CVP Water Exchange Contract 900 acre-feet (pre-1914 water right on Clear Creek) and CVP Water Service Contract 2,900 acre-feet (14-06-200-3367A-LTR1).
SWP Water Supplies	–	–
Other Imported Water Supplies	–	–
Local Surface Water Supplies	–	–
Groundwater	–	–
Recycled Water	–	–
Desalination	–	–
Transfers/Exchanges	–	–
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	3,185	This volume assumes an average of 84% CVP allocation; however, during drier years, the allocation could be reduced to 50%.
Other Information	–	Sanitary Survey states that 25% of 35 million gallons/day Clear Creek Community Services District Water Treatment Plant is owned by Centerville Community Services District Source: Redding Area Water Suppliers. 2011. <i>Redding Area Watershed Sanitary Survey</i> .

**Table 34A-4
City of Shasta Lake – Sacramento Valley CVP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	2,937	Source: City of Shasta Lake. 2016. <i>2015 Urban Water Management Plan Update</i> . August.
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	4,450	CVP Water Service Contract 4,400 acre-feet, (4-7-20-W1134-LTR1) and 50 acre-feet from Shasta County Water Agency, which is being assigned to the city. Assumed CVP water supplies could be reduced to 50% of the contract amount in driest water years.
SWP Water Supplies	–	–
Other Imported Water Supplies	–	–
Local Surface Water Supplies	–	–
Groundwater	–	–
Recycled Water	135	–
Desalination	–	–
Transfers/Exchanges	140	Long-term transfer through 2045 from Anderson-Cottonwood Irrigation District.
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	4,725	This volume assumes an average of 100% CVP allocation; however, during drier years, the allocation could be reduced to 50%.

**Table 34A-5
Clear Creek Community Services District – Sacramento Valley CVP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	7,410	Clear Creek Community Services District serves areas near Redding. Assumed growth rate from City of Redding <i>2010 Urban Water Management Plan</i> .
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	7,410	CVP Water Service Contract 15,300 acre-feet, (14-06-200-4894A-LTR1).
SWP Water Supplies	–	–
Other Imported Water Supplies	–	–
Local Surface Water Supplies	–	–
Groundwater	–	–
Recycled Water	–	–
Desalination	–	–
Transfers/Exchanges	–	–
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	7,410	This volume assumes an average of 48% CVP allocation.

**Table 34A-6
City of Redding – Sacramento Valley CVP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	27,068	Source: City of Redding. 2016. <i>2015 Urban Water Management Plan</i> . June.
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	27,140	CVP Sacramento River Settlement Contract 21,000 acre-feet. CVP Water Service Contract (Buckeye Zone) 6,140 acre-feet (14-06-200-5272A-LTR1). Assumed CVP water supplies could be reduced to 65 to 75% of the contract amount in driest water years.
SWP Water Supplies	–	–
Other Imported Water Supplies	–	–
Local Surface Water Supplies	–	–
Groundwater	9,000	
Recycled Water	–	–
Desalination	–	–
Transfers/Exchanges	4,000	Long-term water transfer from the Anderson-Cottonwood Irrigation District for 40 years.
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	40,140	This volume assumes an average of 100% CVP allocation; however, during drier years, the allocation could be reduced to 50%. Water supplies that exceed demand could be used for groundwater recharge.

**Table 34A-7
Mountain Gate Community Services District – Sacramento Valley CVP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	2,180	–
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	1,350	CVP Water Service Contract 1,350 acre-feet (14-06-200-6998-LTR1).
SWP Water Supplies	–	–
Other Imported Water Supplies	–	–
Local Surface Water Supplies	–	–
Groundwater	830	
Recycled Water	–	–
Desalination	–	–
Transfers/Exchanges	–	–
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	2,180	This volume assumes an average of 100% CVP allocation; however, during drier years, the allocation could be reduced to 50%.

**Table 34A-8
Shasta Community Services District – Sacramento Valley CVP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	487	Source: <i>Shasta Community Services District 2014 Water Rate Study.</i>
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	1,000	Assume full use of CVP water supplies.
SWP Water Supplies	–	–
Other Imported Water Supplies	–	–
Local Surface Water Supplies	–	–
Groundwater	–	–
Recycled Water	–	–
Desalination	–	–
Transfers/Exchanges	–	–
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	1,000	This volume assumes an average of 100% CVP allocation; however, during drier years, the allocation could be reduced to 50%.

**Table 34A-9
Shasta County Water Agency – Sacramento Valley CVP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	1,022	Assume full use of CVP water supplies.
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	1,022	Assume full use of CVP water supplies.
SWP Water Supplies	–	–
Other Imported Water Supplies	–	–
Local Surface Water Supplies	–	–
Groundwater	–	–
Recycled Water	–	–
Desalination	–	–
Transfers/Exchanges	–	–
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	1,022	This volume assumes an average of 100% CVP allocation; however, during drier years, the allocation could be reduced to 50%.

**Table 34A-10
City of Yuba City – Sacramento Valley SWP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	7,876	Source: Yuba City. 2011. <i>2010 Urban Water Management Plan, Public Review Document</i> . June.
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	–	–
SWP Water Supplies	3,145	SWP Contract 9,600 acre-feet. Long-term average based on Department of Water Resources per UWMP.
Other Imported Water Supplies	–	–
Local Surface Water Supplies	5,051	Up to 6,500 acre-feet State Water Resources Control Board (SWRCB) Permit 14045. Up to 9,000 acre-feet SWRCB Permit 18558.
Groundwater	1,059	
Recycled Water	131	Bureau of Reclamation (Reclamation) use is limited to 140 acre-feet of landscape irrigation at the Wastewater Treatment Facility.
Desalination	–	–
Transfers/Exchanges	1,466	Up to 4,500 acre-feet from North Yuba Water District.
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	10,852	This volume assumes an average of 35% SWP allocation. Water supplies that exceed demand could be used for groundwater recharge.

**Table 34A-11
City of West Sacramento – Sacramento Valley CVP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	19,396	Source: City of West Sacramento. 2016. <i>2015 Urban Water Management Plan Final</i> . October.
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	–	–
SWP Water Supplies	25,920	CVP Sacramento River Settlement Contract 23,600 acre-feet (0-07-20-W0187) including delivery of portions of the 18,300 acre-foot Appropriative Water Right on Sacramento River (State Water Resources Control Board Permit Number 18150). Assumed CVP water supplies could be reduced to 75% of the contract amount in driest water years.
Other Imported Water Supplies	–	–
Local Surface Water Supplies	2,592	5,000 acre-feet as part of North Delta Water Agency water rights, in accordance with agreements with the state of California.
Groundwater	500	–
Recycled Water	–	–
Desalination	–	–
Transfers/Exchanges	–	–
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	29,012	This volume assumes an average of 62% SWP allocation.

**Table 34A-12
EI Dorado County Water Agency – Sacramento Valley CVP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	12,054	11,741 acre-feet for Georgetown Divide Public Utility District and 313 acre-feet for Grizzly Flats Community Service District (including County areas) (Source: EI Dorado County Water Agency. 2014. <i>Water Resources Development & Management Plan [December 2007] 2014 West Slope Update, Final Draft</i> . October). Includes agricultural expansion for trees, vines, and pasture. Remaining areas of community development within EI Dorado Irrigation District.
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	–	–
SWP Water Supplies	–	–
Other Imported Water Supplies	–	–
Local Surface Water Supplies	12,200	12,200 acre-feet from Stumpy Meadows Reservoir on Pilot Creek (Source: Georgetown Divide Public Utility District. 2011. <i>2010 Urban Water Management Plan</i> . July 22).
Groundwater	150	150 acre-feet for Grizzly Flats Community Service District (Source: EI Dorado County Water Agency. 2014. <i>Water Resources Development & Management Plan [December 2007] 2014 West Slope Update, Final Draft</i> . October).
Recycled Water	–	–
Desalination	–	–
Transfers/Exchanges	–	–
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	12,350	–
Other Information	–	Future water supplies include 9,000 acre-feet of the 15,000-acre-foot CVP water service contract authorized by Public Law 101-514 (also known as “Fazio Water”) for Georgetown Divide Public Utility District (Source: EI Dorado County Water Agency. 2014. <i>Water Resources Development & Management Plan [December 2007] 2014 West Slope Update, Final Draft</i> . October). Assumed that 6,000 acre-feet would be used by EI Dorado Irrigation District.

Items	Average Water Demand and Supplies (acre-feet)	Notes
		<p>40,000 acre-feet from water rights applications State Water Resources Control Board Filed Applications Nos. 5644 and 5645 for storage of water from Sacramento Municipal Utility District (SMUD) Upper American River Project and diversion at Folsom Lake with an exchange with an upstream water rights holder. To be shared with El Dorado Irrigation District (Source: El Dorado County Water Agency. 2014. <i>Water Resources Development & Management Plan [December 2007] 2014 West Slope Update, Final Draft.</i> October).</p> <p>10,300 acre-feet from diversion of water from South Fork of the Rubicon River with a negotiation under the El Dorado-SMUD Cooperation Agreement (Source: El Dorado County Water Agency. 2014. <i>Water Resources Development & Management Plan [December 2007] 2014 West Slope Update, Final Draft.</i> October).</p>

**Table 34A-13
EI Dorado Irrigation District – Sacramento Valley CVP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	57,039	Source: EI Dorado Irrigation District. 2011. <i>Urban Water Management Plan, 2010 Update</i> . July.
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	7,550	CVP Water Service Contract (C 14-06-200-1357A-LTR1) 7,550 acre-feet diverted from Folsom Lake for portion of EI Dorado Hills per UWMP. Assumed CVP water supplies could be reduced to 50% of the contract amount in driest water years.
SWP Water Supplies	–	–
Other Imported Water Supplies	–	–
Local Surface Water Supplies	59,640	Per UWMP: <ul style="list-style-type: none"> • 23,000 acre-feet from Jenkinson Lake on Park Creek (actually 33,400 acre-foot water right L11835 and L11836, with restriction of 23,000 acre-feet/2 years). • 4,560 acre-feet from Weber Creek (Farmer's Free Ditch) and Reservoir, Slab Creek (Summerfield Ditch), and Hangtown Creek (Gold Hill Ditch) diverted from Folsom Lake using a 40-year Warren Act Contract (signed March 1, 2011). • 17,000 acre-foot EI Dorado Hydroelectric Project 184 at Folsom Lake under State Water Resources Control Board Permit 21112. • 15,080 acre-feet from Project 184 at EI Dorado Forebay pre-1914 water rights. • EI Dorado Irrigation District acquired Project 184 from Pacific Gas & Electric Company in 1999 with water rights from the South Fork American River and conveyed in the EI Dorado Canal to EI Dorado Forebay and Jenkinson Lake; however, needs a Warren Act Contract to divert at Folsom Reservoir.
Groundwater		
Recycled Water	3,804	
Desalination	–	–
Transfers/Exchanges	–	–
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	70,994	This volume assumes an average of 100% CVP allocation; however, during drier years, the allocation could be reduced to 50%.

Items	Average Water Demand and Supplies (acre-feet)	Notes
Other Information		<p>Up to 40,000 acre-feet under the Sacramento Municipal Utility District (SMUD)-El Dorado Agreement from SMUD reservoirs (Source: El Dorado Irrigation District. 2011. <i>Urban Water Management Plan, 2010 Update</i>. July).</p> <p>7,500 acre-feet of the 15,000-acre-foot CVP water service contract authorized by Public Law 101-514 (also known as "Fazio Water") (Source: El Dorado Irrigation District. 2011. <i>Urban Water Management Plan, 2010 Update</i>. July).</p> <p>However, the available supply may only be 6,000 acre-feet (Source: El Dorado County Water Agency. 2014. <i>Water Resources Development & Management Plan [December 2007] 2014 West Slope Update, Final Draft</i>. October).</p>

**Table 34A-14
City of Folsom – Sacramento Valley CVP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	28,527	Source: City of Folsom. 2016. <i>2015 Urban Water Management Plan</i> . June.
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	7,000	7,000 acre-foot Water Service Contract (C 6-07-20-W1372) under Public Law 101-514 (Fazio Water).
SWP Water Supplies	–	–
Other Imported Water Supplies	–	–
Local Surface Water Supplies	28,540	22,000 acre-feet pre-1914 water right diverted from South Fork American River at Folsom Lake and Folsom Canal. 5,000 acre-feet pre-1914 diverted from South Fork American River at Folsom Lake and Folsom Canal. 1,540 acre-feet from American River at Folsom Lake purchased from San Juan Water District for use in the Ashland Service Area.
Groundwater	3,250	Groundwater extraction and treatment produced by Aerojet groundwater cleanup process.
Recycled Water	–	–
Desalination	–	–
Transfers/Exchanges	–	–
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	38,790	This volume assumes an average of 100% CVP allocation; however, during drier years, the allocation could be reduced to 50%. Water supplies that exceed demand could be used for groundwater recharge or stored in reservoirs.

**Table 34A-15
Placer County Water Agency – Sacramento Valley CVP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	209,954	Source: Placer County Water Agency. 2011. <i>2010 Urban Water Management Plan</i> . June 16.
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	32,000	35,000 acre-foot CVP Water Service Contract (14-06-200-5082A) diverted from the American River upstream of and from Folsom Lake. Assumed CVP water supplies could be reduced to 50% of the contract amount in driest water years.
SWP Water Supplies	–	–
Other Imported Water Supplies	–	–
Local Surface Water Supplies	233,800	125,400-acre-foot purchase from Pacific Gas & Electric Company under two pre-1914 water rights on the Yuba and Bear rivers. 120,000 acre-foot water right on the American River for the Middle Fork Project diverted from the American River upstream of and from Folsom Lake. Used by San Juan Water District, Sacramento Suburban Water District, Rio Linda/Elverta Community Water District, and Roseville. 12,000 acre-foot purchase from South Sutter Water District (SSWD) is only available when SSWD purchases surplus water from Nevada Irrigation District and not considered part of long-term supplies. Assumed average of 3,400 acre-feet/year from four pre-1914 appropriative water rights on Canyon Creek, tributary to Auburn Ravine, South Fork Dry Creek tributary to Coon Creek, and North Fork Dry Creek tributary to Coon Creek.
Groundwater	0	
Recycled Water	5,000	–
Desalination	–	–
Transfers/Exchanges	–	–
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	270,800	This volume assumes an average of 91% CVP allocation; however, during drier years, the allocation could be reduced to 50%. Water supplies that exceed demand could be stored in reservoirs or transferred to meet other water users' demands that have experienced reductions in CVP and/or SWP water deliveries.

**Table 34A-16
City of Roseville – Sacramento Valley CVP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	46,074	Source: City of Roseville. 2016. <i>2015 Urban Water Management Plan</i> . May.
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	32,000	32,000 acre-foot CVP Water Service Contract (14-06-200-3474A). Assumed CVP water supplies could be reduced to 50% of the contract amount in driest water years.
SWP Water Supplies	–	–
Other Imported Water Supplies	–	–
Local Surface Water Supplies	–	–
Groundwater	–	–
Recycled Water	5,259	–
Desalination	–	–
Transfers/Exchanges	34,000	31,500 acre-foot purchase from Placer County Water Agency. 4,000 acre-foot purchase from San Juan Water District.
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	72,759	This volume assumes an average of 100% CVP allocation; however, during drier years, the allocation could be reduced to 50%.

**Table 34A-17
Sacramento County Water Agency – Sacramento Valley CVP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	63,288	Source: Sacramento County Water Agency. 2016. <i>2015 Urban Water Management Plan</i> . June.
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	21,300	15,000 acre-foot CVP Water Service Contract authorized by Public Law 101-514 (Fazio Water). Assume 12,320 acre-feet for long-time average based on capacity of conveyance. 30,000 acre-foot CVP Water Service Contract assigned from Sacramento Municipal Utility District (14-06-200-5198A) to Sacramento County Water Agency under two assignments. Assumed CVP water supplies could be reduced to 75% of the contract amount in driest water years.
SWP Water Supplies	–	–
Other Imported Water Supplies	–	–
Local Surface Water Supplies	4,000	Up to 71,000 acre-feet intermittent water from American and Sacramento rivers water rights under State Water Resources Control Board Permit 21209. Use 17,500 acre-feet for long-term average.
Groundwater	60,900	31,000 acre-feet from wells and 7,500 acre-feet from groundwater treatment processes.
Recycled Water	11,700	–
Desalination	–	–
Transfers/Exchanges	–	–
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	87,900	This volume assumes an average of 47% CVP allocation. Water supplies that exceed demand could be used for groundwater recharge.

**Table 34A-18
San Juan Water District – Sacramento Valley CVP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	87,938	Source: San Juan Water District. 2016. <i>Final 2015 Urban Water Management Plan for San Juan Water District</i> . June.
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	24,200	11,200 acre-foot CVP Water Service Contract (06-07-20-W1373). 13,000 acre-foot CVP Water Service Contracts diverted from Folsom Lake as authorized under Public Law 101-514 (Fazio Water) (06-07-20-W1373). Assumed CVP water supplies could be reduced to 50% of the contract amount in driest water years.
SWP Water Supplies	–	–
Other Imported Water Supplies	–	–
Local Surface Water Supplies	33,000	33,000 acre-feet pre-1914 water rights.
Groundwater	–	–
Recycled Water	–	–
Desalination	–	–
Transfers/Exchanges	25,000	25,000 acre-foot purchase from Placer County Water Agency.
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	82,200	This volume assumes an average of 100% CVP allocation; however, during drier years, the allocation could be reduced to 50%.

**Table 34A-19
Solano County Water Agency – Sacramento Valley CVP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	228,249	Source: Solano County Water Agency. 2016. <i>2015 Solano County Water Agency Urban Water Management Plan</i> . August.
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	–	–
SWP Water Supplies	38,356	47,756 acre-foot SWP contract including North Delta Allocation. Assumed SWP water supplies could be reduced to 27% of the contract amount in driest water years.
Other Imported Water Supplies	205,825	207,350 acre-feet with Reclamation Solano Project.
Local Surface Water Supplies	–	–
Groundwater	–	–
Recycled Water	–	–
Desalination	–	–
Transfers/Exchanges	–	–
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	244,181	This volume assumes an average of 80% SWP allocation. Water supplies that exceed demand could be stored in reservoirs.

**Table 34A-20
Napa County Flood Control and Water Conservation District – Sacramento Valley SWP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	20,758	3,898 acre-feet for American Canyon (Source: City of American Canyon. 2016. <i>Final 2015 Urban Water Management Plan for the City of American Canyon</i> . June). 1,469 acre-feet for Calistoga (Source: Napa County. 2007. <i>Draft Environmental Impact Report for Napa County General Plan</i> . February). 14,391 acre-feet for Napa (Source: City of Napa. 2011. <i>Urban Water Management Plan, 2010 Update</i> . June 21).
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	–	–
SWP Water Supplies	26,321	3,413 acre-feet per UWMP. 1,008 acre-feet for Calistoga treated by City of Napa. Total 1,925 acre-foot SWP entitlement in 2010 (Source: Napa County. 2007. <i>Draft Environmental Impact Report for Napa County General Plan</i> . February). Total amount available is limited 1,008 acre-feet due to conveyance limitations. 21,900 acre-feet for Napa (Source: City of Napa. 2011. <i>Urban Water Management Plan, 2010 Update</i> . June 21). Assume 19,900 acre-feet due to conveyance limitations. Assumed SWP water supplies could be reduced to 22% of the contract amount in driest water years.
Other Imported Water Supplies	–	–
Local Surface Water Supplies	32,092	392 acre-feet for Calistoga from Kimball Reservoir (Source: Napa County. 2007. <i>Draft Environmental Impact Report for Napa County General Plan</i> . February). 31,700 acre-feet for Napa from Lake Hennessey and Milliken Reservoir (Source: City of Napa. 2011. <i>Urban Water Management Plan, 2010 Update</i> . June 21).
Groundwater	–	–
Recycled Water	5,891	1,351 acre-feet for American Canyon per UWMP. 4,540 acre-feet for Napa (Source: City of Napa. 2011. <i>Urban Water Management Plan, 2010 Update</i> . June 21).
Desalination	–	–
Transfers/Exchanges	3,706	Purchase by American Canyon from City of Vallejo, which diverts water from the Delta per UWMP.
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	68,010	This volume assumes an average of 100% SWP allocation. Water supplies that exceed demand could be stored in reservoirs.

**Table 34A-21
Stockton East Water District – San Joaquin Valley CVP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	243,437	Source: Stockton East Water District. 2016. <i>2015 Urban Water Management Plan Update</i> . June.
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	75,000	75,000 acre-foot CVP water service contract on Stanislaus River from New Melones Reservoir. Assumed CVP water supplies could be reduced to 17% of the contract amount in driest water years.
SWP Water Supplies	–	–
Other Imported Water Supplies	–	–
Local Surface Water Supplies	80,000	Water rights on Calaveras River diverted from New Hogan Reservoir, assumes that Calaveras County Water District is not fully diverting under their water right.
Groundwater	73,437	Includes 18,548 acre-feet from naturally recharged groundwater wells and 54,889 acre-feet of water from banked surface water in the groundwater bank.
Recycled Water	–	–
Desalination	–	–
Transfers/Exchanges	15,000	Transfer from Oakdale Irrigation District and South San Joaquin Irrigation District.
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	243,437	–

**Table 34A-22
City of Tracy – San Joaquin Valley CVP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	23,861	Source: City of Tracy. 2016. <i>2015 Urban Water Management Plan</i> . June.
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	26,000	10,000 acre-foot CVP Water Service Contract (14-06-200-7858A), 5,000 acre-feet assigned CVP Water Service Contract from Banta-Carbona Irrigation District (14-06-200-4305A), and 5,000 acre-feet from assigned CVP Water Service Contract from West Side Irrigation District (7-07-20-W-0045). 11,000 acre-foot CVP Water Service Contract assigned from Byron-Bethany Irrigation District from acquisition from Plainview Water District (14-06-200-785). Assumed CVP water supplies could be reduced to 33% of the contract amount in driest water years.
SWP Water Supplies	–	–
Other Imported Water Supplies	–	–
Local Surface Water Supplies	23,200	13,000 acre-feet under the Lathrop-Tracy Purchase for pre-1914 water rights on the Stanislaus River from South County Water Supply Project. 3,000 acre-feet pre-1914 water rights from Byron-Bethany Irrigation District for annexations in city of Tracy.
Groundwater	2,500	Approximately up to 2,500 acre-feet/year.
Recycled Water	–	–
Desalination	–	–
Transfers/Exchanges	–	–
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	39,020	Water supplies that exceed demand could be used for groundwater recharge.
Other Information	–	In drier years, up to 3,500 acre-feet from stored water in Semitropic Water Storage District Groundwater Bank, and 7,500 acre-feet in local groundwater.

**Table 34A-23
City of Avenal – San Joaquin Valley CVP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	3,500	Includes demands for Avenal State Prison. Source: Bureau of Reclamation. 2014. <i>Central Valley Project Municipal and Industrial Water Shortage Policy, Draft Environmental Impact Statement</i> . November.
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	3,500	3,500 acre-foot CVP Water Service Contract (14-06-200-4619A).
SWP Water Supplies	–	–
Other Imported Water Supplies	–	–
Local Surface Water Supplies	–	–
Groundwater	–	–
Recycled Water	–	–
Desalination	–	–
Transfers/Exchanges	–	–
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	3,500	This volume assumes an average of 100% CVP allocation; however, during drier years, the allocation could be reduced to 50%.

**Table 34A-24
City of Coalinga – San Joaquin Valley CVP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	10,000	Includes demands for Coalinga State Hospital. Source: Bureau of Reclamation. 2014. <i>Central Valley Project Municipal and Industrial Water Shortage Policy, Draft Environmental Impact Statement</i> . November.
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	10,000	10,000 acre-foot CVP Water Service Contract (14-06-200-4173A).
SWP Water Supplies	–	–
Other Imported Water Supplies	–	–
Local Surface Water Supplies	–	–
Groundwater	–	CVP Water Service Contract signed in 1968 required Coalinga to abandon groundwater wells.
Recycled Water	–	–
Desalination	–	–
Transfers/Exchanges	–	–
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	10,000	This volume assumes an average of 100% CVP allocation; however, during drier years, the allocation could be reduced to 50%.

**Table 34A-25
City of Huron – San Joaquin Valley CVP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	3,000	Source: Bureau of Reclamation. 2014. <i>Central Valley Project Municipal and Industrial Water Shortage Policy, Draft Environmental Impact Statement.</i> November.
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	3,000	3,000 acre-foot CVP Water Service Contract (14-06-200-7081A).
SWP Water Supplies	–	–
Other Imported Water Supplies	–	–
Local Surface Water Supplies	–	–
Groundwater	–	–
Recycled Water	–	–
Desalination	–	–
Transfers/Exchanges	–	–
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	3,000	This volume assumes an average of 100% CVP allocation; however, during drier years, the allocation could be reduced to 50%.

**Table 34A-26
Kern County Water Agency Improvement District No. 4 and North of the River Municipal Water District – Tulare Lake SWP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	64,075	Source: Kern County Water Agency Improvement District No. 4 and North of the River Municipal Water District. 2016. <i>Urban Water Management Plan 2015 Update</i> . June.
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	–	–
SWP Water Supplies	49,768	82,946-acre-foot SWP Water Service Entitlement. Assumed SWP water supplies could be reduced to 33% of the contract amount in driest water years.
Other Imported Water Supplies	–	–
Local Surface Water Supplies	–	–
Groundwater	86,066	Including Kern Water Bank, Pioneer Project Bank, and Allen Road Complex Well Field.
Recycled Water	–	–
Desalination	–	–
Transfers/Exchanges	–	–
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	135,834	This volume assumes an average of 60% SWP allocation; however, during drier years, the allocation could be reduced to 50%.

**Table 34A-27
Contra Costa Water District – San Francisco Bay Area CVP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	185,200	Source: Contra Costa Water District. 2016. <i>2015 Urban Water Management Plan</i> . June.
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	194,200	195,000 acre-foot CVP Water Service Contract (175r-3401A-LTR1). Assumed CVP water supplies could be reduced to 60% of the contract amount in driest water years.
SWP Water Supplies	–	–
Other Imported Water Supplies	–	–
Local Surface Water Supplies	21,500	3,100 acre-foot water right from Mallard Slough. 6,400 acre-foot water right from San Joaquin River by City of Antioch. 10,000 acre-foot water right from San Joaquin River by industrial water users in Contra Costa Water District (CCWD) service area. 10,000 acre-feet from Los Vaqueros Reservoir storage.
Groundwater	7,000	–
Recycled Water	16,900	–
Desalination	–	–
Transfers/Exchanges	7,400	Purchase surplus water from East Contra Costa Irrigation District.
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	247,000	This volume assumes an average of 100% CVP allocation; however, during drier years, the allocation could be reduced to 50%. Water supplies that exceed demand could be stored in Los Vaqueros Reservoir.

**Table 34A-28
East Bay Municipal Utility District (EBMUD) – San Francisco Bay Area CVP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	248,689	Source: East Bay Municipal Utility District. 2016. <i>Urban Water Management Plan 2015</i> . July.
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	Dry year supply	Up to 133,000 acre-feet in a dry year, with a maximum of 165,000 acre-feet over three dry years, CVP Water Service Contract (14-08-200-5183A-LTR1) from the American River.
SWP Water Supplies	–	–
Other Imported Water Supplies	Up to 248,689	EBMUD has up to 364,037 acre-feet of water rights on the Mokelumne River, but available amount varies depending on hydrology per UWMP. Although EBMUD has water rights up to 364,037 acre-feet, the actual amount available in any given year varies depending on hydrology, required releases to senior downstream water rights holders, and releases to meet instream flow requirements.
Local Surface Water Supplies		
Groundwater	Dry year supply	Up to 1,120 acre-feet in dry years from Bayside Groundwater Project Phase 1 groundwater recharge facility within EBMUD service area per UWMP.
Recycled Water	19,044	–
Desalination	–	–
Transfers/Exchanges	–	EBMUD has identified a range of water supply projects that it will pursue simultaneously to meet future water needs. By considering a broad mix of projects, with inherent scalability and the ability to adjust implementation schedules for a particular component, EBMUD will be able to minimize the risks associated with future uncertainties such as project implementation challenges and climate change. If EBMUD is able to successfully develop one component, this could result in deferral of other additional water supply components over the planning period.
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	248,689	Does not include CVP and other water supplies for dry years or up to 15 percent rationing in dry years. During normal years, EBMUD anticipates having sufficient supplies to meet demands. Meeting customer demands during dry years will depend on the use of CVP supplies, rationing, and the implementation of additional water supply projects.

**Table 34A-29
Zone 7 Water Agency – San Francisco Bay Area SWP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	89,500	Source: Zone 7 Water Agency. 2016. <i>2015 Urban Water Management Plan</i> . March.
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	–	–
SWP Water Supplies	60,000	50,000 acre-feet from the 80,619 acre-foot SWP Water contract. 10,000 acre-feet from carryover storage in SWP reservoirs. Portions are stored in Semitropic Water Storage District and Cawelo Water District groundwater banks, Lake Del Valle, and local groundwater. Assumed SWP water supplies could be reduced to 16% of the contract amount in driest water years.
Other Imported Water Supplies	–	–
Local Surface Water Supplies	10,300	10,300 acre-foot water right in Arroyo del Valley under Water Right Permit 11319.
Groundwater	9,200	Recharged by Zone 7 Water Agency; wells owned and operated by local agencies.
Recycled Water	10,000	Either future recycled water or desalination.
Desalination	–	–
Transfers/Exchanges	10,000	2,000 acre-feet from Byron-Bethany Irrigation District and 8,000 acre-feet from other sources.
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	99,500	This volume assumes an average of 100% CVP allocation; however, during drier years, the allocation could be reduced to 50%. Water supplies that exceed demand could be used for groundwater recharge.

**Table 34A-30
Alameda County Water District – San Francisco Bay Area SWP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	68,600	Source: Alameda County Water District. 2016. <i>Urban Water Management Plan, 2015-2020.</i>
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	–	–
SWP Water Supplies	27,500	27,500 acre-feet of the 42,000-acre-foot SWP Water contract. Assumed SWP water supplies could be reduced to 12% of the contract amount in driest water years.
Other Imported Water Supplies	15,400	15,400 acre-foot contract with San Francisco Public Utility Commission.
Local Surface Water Supplies	5,000	Up to 18,500 acre-feet from Del Valle Reservoir.
Groundwater	23,600	From groundwater recharge and storage.
Recycled Water	–	–
Desalination	5,100	Newark Desalination Facility.
Transfers/Exchanges	–	–
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	76,600	This volume assumes an average of 100% CVP allocation; however, during drier years, the allocation could be reduced to 50%. Water supplies that exceed demand could be used for groundwater recharge.

**Table 34A-31
Santa Clara Valley Water District – San Francisco Bay Area CVP and SWP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	408,600	Source: Santa Clara Valley Water District. 2016. <i>Urban Water Management Plan 2015</i> . May.
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies and SWP Water Supplies	175,300	152,500 acre-foot CVP Water Service Contract (7-07-20-W0023). 100,000 acre-foot SWP Water contract. Assumed combined CVP and SWP water supplies could be reduced to 42 percent of the contract amount in driest water years.
Other Imported Water Supplies	57,800	Up to 63,850 acre-feet (Source: San Francisco Public Utility Commission per Santa Clara Valley Water District. 2011. <i>Urban Water Management Plan 2010</i> . April).
Local Surface Water Supplies	89,700	
Groundwater	60,900	
Recycled Water	52,100	
Desalination	–	–
Transfers/Exchanges		
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	435,800	This volume assumes an average of 69% CVP and SWP allocation. Water supplies that exceed demand could be used for groundwater recharge and storage.

**Table 34A-32
San Benito County Water District, Zone 6 – San Francisco Bay Area CVP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	8,840	M&I use for San Benito County Water District, Sunnyslope County Water District, and City of Hollister. 2016. <i>Hollister Urban Area Urban Water Management Plan</i> . July. Does not include agricultural demands or groundwater use in San Juan Bautista, which does not directly use CVP water.
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	7,425	43,800 acre-foot CVP Water Service Contract (8-07-20-W0130), including 8,250 acre-feet for M&I uses within Hollister and Sunnyslope County Water District. Assumed CVP water supplies could be reduced to 50% of the contract amount in driest water years.
SWP Water Supplies	–	–
Other Imported Water Supplies	–	–
Local Surface Water Supplies	–	–
Groundwater	3,998	
Recycled Water	116	
Desalination	–	–
Transfers/Exchanges	–	–
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	11,539	This volume assumes an average of 90% CVP allocation; however, during drier years, the allocation could be reduced to 50%. Water supplies that exceed demand could be used for groundwater recharge and storage.

Table 34A-33
San Luis Obispo County Flood Control and Water Conservation District – Central Coast SWP
Water Contractor

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	7,732	<p>1,363 acre-feet for City of Morro Bay (Source: City of Morro Bay. 2016. <i>2015 Urban Water Management Plan</i> June).</p> <p>1,990 acre-feet for City of Pismo Beach (Source: City of Pismo Beach. 2016. <i>2015 Urban Water Management Plan for the City of Pismo Beach</i>. June).</p> <p>1,135 acre-feet for California Men's Colony; 94 acre-feet for County Operations Center; 125 acre-feet for Cuesta College; 1,419 acre-feet for Oceano Community Services District; 393 acre-feet for San Miguelito Mutual Water Company; 170 acre-feet for Avila Beach Community Services District; 32 acre-feet for Avila Valley Mutual Water Company; 7 acre-feet for San Luis Coastal Unified School District through San Luis Obispo County Service Area No. 12; and 1,100 acre-feet for Shandon (San Luis Obispo County Service Area No. 16) (Source: San Luis Obispo County Flood Control and Water Conservation District. 2012. <i>San Luis Obispo County Master Water Report</i>. May).</p>
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	–	–
SWP Water Supplies	4,507	<p>1,313 acre-feet for City of Morro Bay of Central Coast Water Authority SWP Water contract per UWMP.</p> <p>1,240 acre-feet for City of Pismo Beach per UWMP.</p> <p>735 acre-feet for California Men's Colony; 150 acre-feet for County Operations Center; 140 acre-feet for Cuesta College; 495 acre-feet for Oceano Community Services District; 275 acre-feet for San Miguelito Mutual Water Company; 66 acre-feet for Avila Beach Community Services District; 20 acre-feet for Avila Valley Mutual Water Company; 7 acre-feet for San Luis Coastal Unified School District through San Luis Obispo County Service Area No. 12; and 66 acre-feet for Shandon (San Luis Obispo County Service Area No. 16) (Source: San Luis Obispo County Flood Control and Water Conservation District. 2012. <i>San Luis Obispo County Master Water Report</i>. May).</p>
Other Imported Water Supplies	–	–

Items	Average Water Demand and Supplies (acre-feet)	Notes
Local Surface Water Supplies	2,011	892 acre-feet from Lopez Lake Reservoir for City of Pismo Beach per UWMP. 445 acre-feet from Whale Rock Reservoir and Chorro Reservoir for California Men's Colony; 28 acre-feet from Whale Rock Reservoir for County Operations Center; 303 acre-feet from Lopez Lake Reservoir for Oceano Community Services District; 263 acre-feet from San Miguelito Mutual Water Company; 68 acre-feet from Lopez Lake Reservoir for Avila Beach Community Services District; and 12 acre-feet from Lopez Lake Reservoir for Avila Valley Mutual Water Company (Source: San Luis Obispo County Flood Control and Water Conservation District. 2012. <i>San Luis Obispo County Master Water Report</i> . May).
Groundwater	4,239	2,374 acre-feet for City of Morro Bay per UWMP. 700 acre-feet for City of Pismo Beach per City of Pismo Beach per UWMP. 900 acre-feet for Oceano Community Services District; 118 acre-feet for San Miguelito Mutual Water Company; and 147 acre-feet for Shandon (San Luis Obispo County Service Area No. 16) (Source: San Luis Obispo County Flood Control and Water Conservation District. 2012. <i>San Luis Obispo County Master Water Report</i> . May).
Recycled Water	1,530	650 acre-feet for City of Morro Bay per UWMP. 680 acre-feet for City of Pismo Beach per UWMP. 200 acre-feet for California Men's Colony (Source: San Luis Obispo Regional Water Management Group. 2014. <i>San Luis Obispo Integrated Regional Water Management Plan</i> . July).
Desalination	645	645 acre-feet for City of Morro Bay per UWMP.
Transfers/Exchanges	-	-
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	12,932	This volume assumes an average of 90% SWP allocation; however, during drier years, the allocation could be reduced to 50%. Water supplies that exceed demand could be used for groundwater recharge and storage.

**Table 34A-34
Santa Barbara County Flood Control and Water Conservation District – Central Coast SWP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	78,259	<p>1,635 acre-feet for City of Guadalupe (Source: City of Guadalupe. 2014. <i>Water Master Plan Update</i>. May 13).</p> <p>12,354 acre-feet for City of Santa Barbara (Source: City of Santa Barbara. 2016. <i>Urban Water Management Plan, 2015 Update</i>. June).</p> <p>17,893 acre-feet for City of Santa Maria (Source: City of Santa Maria. 2016. <i>2015 Urban Water Management Plan</i>. May).</p> <p>4,177 acre-feet for Carpinteria Valley Water District (Source: Carpinteria Valley Water District. 2016. <i>Final 2015 Urban Water Management Plan Update</i>. August).</p> <p>14,113 acre-feet for Goleta Water District (Source: Goleta Water District. 2011. <i>Final 2010 Urban Water Management Plan Update</i>. November).</p> <p>8,787 acre-feet for Golden State Water Company (Source: Golden State Water Company. 2016. <i>Final Report, 2015 Urban Water Management Plan, Orcutt</i>. August).</p> <p>1,434 acre-feet for City of Buellton; 1,868 acre-feet for La Cumbre Mutual Water Company; 5,633 acre-feet for Montecito Water District; 1,929 acre-feet for Santa Ynez River Water Conservation District, Improvement District #1; and 1,371 acre-feet for Vandenberg Air Force Base (Source: Santa Barbara County. 2014. <i>Integrated Regional Water Management Plan 2013</i>).</p> <p>33 acre-feet for Raytheon Systems Company and 132 acre-feet for Morehart Land Company (Naples Water Company) for SWP water demand only (Source: Central Coast Water Authority. 2016. <i>2015 Urban Water Management Plan</i>. June).</p> <p>3,420 acre-feet water sales for Golden State Water Company, Orcutt community, and Nipomo Community Services District from City of Santa Maria (Source: City of Santa Maria. 2011. <i>2010 Urban Water Management Plan</i>. July).</p>
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	–	–

Items	Average Water Demand and Supplies (acre-feet)	Notes
SWP Water Supplies	39,821	<p>367 acre-feet of the 550-acre-foot allocation of the Central Coast Water Authority SWP Water contract for City of Guadalupe (Source: City of Guadalupe. 2014. <i>Water Master Plan Update</i>. May 13).</p> <p>1,987 acre-feet (including 300 acre-feet of banked storage) of the 3,000-acre-foot allocation of the Central Coast Water Authority SWP Water contract for City of Santa Barbara per UWMP.</p> <p>22,576 acre-feet (including return flows and exchange SWP water) of the 16,200-acre-foot allocation of the Central Coast Water Authority SWP Water contract for City of Santa Maria per UWMP.</p> <p>1,800 acre-feet (including exchange water) of the 2,000-acre-foot allocation of the Central Coast Water Authority SWP Water contract for Carpinteria Valley Water District per UWMP.</p> <p>3,800 acre-feet of the 4,500-acre-foot allocation of the Central Coast Water Authority SWP Water contract for Goleta Water District (Source: Goleta Water District. 2011. <i>Final 2010 Urban Water Management Plan Update</i>. November).</p> <p>1,065 acre-feet (including exchange water) of the 500-acre-foot allocation of the Central Coast Water Authority SWP Water contract for Golden State Water Company per UWMP.</p>
SWP Water Supplies (continued)	–	<p>386 acre-feet of the 578-acre-foot allocation of the Central Coast Water Authority SWP Water contract for City of Buellton; 667 acre-feet of the 1,000-acre-foot allocation of the Central Coast Water Authority SWP Water contract for La Cumbre Mutual Water Company; 2,002 acre-feet of the 3,000-acre-foot allocation of the Central Coast Water Authority SWP Water contract for Montecito Water District; 1,335 acre-feet of the 2,000-acre-foot allocation of the Central Coast Water Authority SWP Water contract for Santa Ynez River Water Conservation District, Improvement District #1; and 3,670 acre-feet of the 5,500-acre-foot allocation of the Central Coast Water Authority SWP Water contract for Vandenberg Air Force Base (Source: Santa Barbara County. 2014. <i>Integrated Regional Water Management Plan 2013</i>).</p> <p>33 acre-feet of the 50-acre-foot allocation of the Central Coast Water Authority SWP Water contract for Raytheon Systems Company; and 133 acre-feet of the 200-acre-foot allocation of the Central Coast Water Authority SWP Water contract for Morehart Land Company (Naples Water Company) per Central Coast UWMP.</p>

Items	Average Water Demand and Supplies (acre-feet)	Notes
Water Supplies from Reclamation Cachuma Project	23,458	6,770 acre-feet for City of Santa Barbara per UWMP. 1,970 acre-feet for Carpinteria Valley Water District per UWMP. 9,322 acre-feet for Goleta Water District (Source: Goleta Water District. 2011. <i>Final 2010 Urban Water Management Plan Update</i> . November). 2,777 acre-feet for Montecito Water District; and 2,619 acre-feet for Santa Ynez River Water Conservation District, Improvement District #1 (Source: Santa Barbara County. 2014. <i>Integrated Regional Water Management Plan 2013</i>).
Local Surface Water Supplies	21,742	4,331 acre-feet of water rights on Santa Ynez River and Devils Canyon Creek for City of Santa Barbara per UWMP. 14,300 acre-feet from Twitchell Reservoir for City of Santa Maria per UWMP. 611 acre-feet for City of Buellton; 1,500 acre-feet for Montecito Water District; and 1,000 acre-feet for Santa Ynez River Water Conservation District, Improvement District #1 (Source: Santa Barbara County. 2014. <i>Integrated Regional Water Management Plan 2013</i>).
Groundwater	26,660	1,300 acre-feet with well modifications for City of Guadalupe (Source: City of Guadalupe. 2014. <i>Water Master Plan Update</i> . May 13). 1,083 acre-feet for City of Santa Barbara per UWMP. 12,795 acre-feet for City of Santa Maria per UWMP. 1,400 acre-feet for Carpinteria Valley Water District per UWMP. 2,350 acre-feet for Goleta Water District (Source: Goleta Water District. 2011. <i>Final 2010 Urban Water Management Plan Update</i> . November). 7,722 acre-feet for Golden State Water Company per UWMP. Not quantified use for City of Buellton; La Cumbre Mutual Water Company; Montecito Water District; Santa Ynez River Water Conservation District, Improvement District #1; and Vandenberg Air Force Base (Source: Santa Barbara County. 2014. <i>Integrated Regional Water Management Plan 2013</i> ; and Central Coast Water Authority. 2011. <i>2010 Urban Water Management Plan</i> . June).
Recycled Water	2,250	1,100 acre-feet for City of Santa Barbara per UWMP. 1,150 acre-feet for Goleta Water District (Source: Goleta Water District. 2011. <i>Final 2010 Urban Water Management Plan Update</i> . November).
Desalination	–	–
Transfers/Exchanges	–	–
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	113,931	This volume assumes an average of SWP allocation plus exchange water. Water supplies that exceed demand could be used for groundwater recharge and storage.

**Table 34A-35
Antelope Valley-East Kern Water Agency – South Lahontan SWP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	85,940	Source: Antelope Valley-East Kern Water Agency. 2016. <i>2015 Urban Water Management Plan</i> . June.
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	–	–
SWP Water Supplies	85,460	85,460 acre-feet of the 141,400-acre-foot SWP Water contract. Assumed SWP water supplies could be reduced to 5% of the contract amount in driest water years.
Other Imported Water Supplies	–	–
Local Surface Water Supplies	–	–
Groundwater	3,550	–
Recycled Water	–	Recycled water is used by member agencies. The total is not quantified for the district.
Desalination	–	–
Transfers/Exchanges	–	–
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	89,010	This volume assumes an average of 60% SWP allocation; however, during drier years, the allocation could be reduced to 50%. Water supplies that exceed demand could be used for groundwater recharge.

**Table 34A-36
Castaic Lake Water Agency – South Coast SWP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	86,100	Source: Castaic Lake Water Agency, Newhall County Water District, and Valencia Water Company. 2016. <i>2015 Urban Water Management Plan</i> . June.
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	–	–
SWP Water Supplies	58,300	58,300 acre-feet of the 95,200-acre-foot SWP Water contract. Assumed SWP water supplies could be reduced to 9% of the contract amount in driest water years.
Other Imported Water Supplies	17,287	17,287 from Flexible Storage Accounts with Ventura County; contracts with Buena Vista-Rosedale; and Newhall Land.
Local Surface Water Supplies	–	–
Groundwater	44,495	31,545 acre-feet of local groundwater and 12,950 acre-feet from groundwater banks in Kern County.
Recycled Water	450	–
Desalination	–	–
Transfers/Exchanges	–	–
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	120,332	This volume assumes an average of 60% SWP allocation; however, during drier years, the allocation could be reduced to 50%. Water supplies that exceed demand could be used for groundwater recharge.

Table 34A-37 Coachella Valley Water District – South Coast SWP Water Contractor

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	208,500	208,500 acre-feet for urban water use. Total water use of 729,930 acre-feet includes water demands for agricultural users and groundwater recharge (Source: Coachella Valley Water District. 2016. <i>2015 Urban Water Management Plan, Final Report</i> . July).
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	–	–
SWP Water Supplies	–	23,100 acre-foot SWP Water contract plus 88,100 acre-feet from transfer of Metropolitan Water District of Southern California (MWDSC) SWP contract and 27,150 acre-feet from transfers of SWP contracts from Kern County Water Users.
Other Imported Water Supplies	55,000	This is for M&I uses of the Colorado River water supply for municipal and industrial uses. Additional water supplies of Colorado River water are available for agricultural uses and groundwater recharge.
Local Surface Water Supplies	–	–
Groundwater	112,700	This is for M&I uses.
Recycled Water	30,800	This is for M&I uses.
Desalination	10,000	This is for M&I uses.
Transfers/Exchanges	–	–
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	208,500	–

**Table 34A-38
Crestline-Lake Arrowhead Water Agency – South Lahontan SWP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	2,250	Source: Crestline-Lake Arrowhead Water Agency. 2011. <i>2010 Urban Water Management Plan</i> . August.
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	–	–
SWP Water Supplies	3,480	5,800 SWP Water contract.
Other Imported Water Supplies	–	–
Local Surface Water Supplies	481	Water right on Houston Creek conveyed through Lake Silverwood.
Groundwater	–	–
Recycled Water	–	–
Desalination	–	–
Transfers/Exchanges	–	–
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	3,961	This volume assumes an average of 60% SWP allocation.

**Table 34A-39
Desert Water Agency – South Coast SWP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	47,157	Source: Desert Water Agency. 2016. <i>2015 Urban Water Management Plan, Final</i> . June.
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	–	–
SWP Water Supplies		38,100 acre-foot SWP Water contract plus 11,900 acre-feet from transfer of MWDSC SWP contract and 5,750 acre-feet from transfers of SWP contracts from Kern County Water Users.
Other Imported Water Supplies	25,600	25,600 acre-foot Colorado River water supply for groundwater recharge including SWP water that is exchanged with MWDSC.
Local Surface Water Supplies	1,800	Water rights on Snow Creek, Falls Creek, Chino Creek, and Whitewater River.
Groundwater	8,900	–
Recycled Water	25,600	Non-consumptive returns to aquifer and recycled wastewater.
Desalination	–	–
Transfers/Exchanges	–	–
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	55,600	This volume assumes an average of 46% SWP allocation and other surface supplies. Water supplies that exceed demand could be used for groundwater recharge.

**Table 34A-40
Mojave Water Agency – South Lahontan SWP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	159,079	Source: Mojave Water Agency. 2016. <i>Final 2015 Urban Water Management Plan for Mojave Water Agency</i> . June.
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	–	–
SWP Water Supplies	56,276	82,800 acre-foot SWP Water contract, 600 acre-feet of Lower Yuba River Accord water, and 14,000 acre-feet of SWP Water transferred from Dudley Ridge Water District. Assumed SWP water supplies could be reduced to 11 percent of the contract amount in driest water years.
Other Imported Water Supplies	–	–
Local Surface Water Supplies and Groundwater	114,406	Includes surface water, groundwater, and return flows returned to the groundwater and reused.
Recycled Water	2,800	–
Desalination	–	–
Transfers/Exchanges	–	–
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	173,482	This volume assumes an average of 56% SWP allocation and other surface supplies. Water supplies that exceed demand could be used for groundwater recharge.

**Table 34A-41
Palmdale Water District – South Lahontan SWP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	25,020	Source: Palmdale Water District. 2016. <i>Final 2015 Urban Water Management Plan for the Palmdale Water District</i> . June. Includes sales to Littlerock Creek Irrigation District.
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	–	–
SWP Water Supplies	19,100	21,300 acre-foot SWP Water contract. Assumed SWP water supplies could be reduced to 9% of the contract amount in driest water years.
Other Imported Water Supplies	–	–
Local Surface Water Supplies	4,000	Water rights on Little Rock and Big Rock creeks.
Groundwater	7,770	
Recycled Water	5,500	–
Desalination	–	–
Transfers/Exchanges	6,100	Long-term Butte Creek water transfer.
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	36,370	This volume assumes an average of 61% SWP allocation and other surface supplies. Water supplies that exceed demand could be used for groundwater recharge.

**Table 34A-42
San Bernardino Valley Municipal Water District – South Coast SWP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	270,747	Source: San Bernardino Municipal Water District; East Valley Water District; cities of Loma Linda, Redlands, Colton, and San Bernardino; West Valley Water District; and Yucaipa Valley Water District. 2016. <i>2015 San Bernardino Valley Regional Urban Water Management Plan</i> . June.
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	–	–
SWP Water Supplies	76,593	102,600-acre-foot SWP Water contract, plus water from storage and return flows.
Other Imported Water Supplies	–	–
Local Surface Water Supplies	51,627	Water rights in the Santa Ana River watershed.
Groundwater	188,012	–
Recycled Water	36,320	–
Desalination	–	–
Transfers/Exchanges	–	–
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	352,552	This volume assumes an average of 61% SWP allocation and other surface supplies. Water supplies that exceed demand could be used for groundwater recharge.

Table 34A-43 San Gorgonio Pass Water Agency – South Coast SWP Water Contractor

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	66,420	Source: San Gorgonio Pass Water Agency. 2010. <i>2010 Urban Water Management Plan</i> . December.
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	–	–
SWP Water Supplies	8,000	17,300 acre-foot SWP Water contract primarily used for groundwater recharge.
Other Imported Water Supplies	–	–
Local Surface Water Supplies	3,000	Noble and Little San Gorgonio creeks used by Beaumont Cherry Valley Water District.
Groundwater	23,045	–
Recycled Water	17,907	–
Desalination	–	–
Transfers/Exchanges	–	–
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	51,952	This volume assumes an average of 46% SWP allocation and other surface supplies.

**Table 34A-44
Ventura County Watershed Protection District – South Coast SWP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	11,757	The only portion of Ventura County Watershed Protection District that uses SWP Water not from Metropolitan Water District of Southern California is the Oxnard-Hueneme System of United Water Conservation District (Source: United Water Conservation District. 2016. <i>2015 Urban Water Management Plan Update for the Oxnard-Hueneme System</i> . June).
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	–	–
SWP Water Supplies	–	5,000 acre-feet for United Water Conservation District of the Ventura County Watershed Conservation District 20,000 acre-foot SWP Water contract. The water is used for groundwater recharge. The 5,000 acre-feet for Casitas Municipal Water District and 10,000 acre-feet for the City of San Buenaventura (Ventura) cannot be conveyed to those areas and are transferred to others.
Other Imported Water Supplies	–	–
Local Surface Water Supplies	–	Surface water from Lake Piru is used for groundwater recharge.
Groundwater	11,757	–
Recycled Water	–	49,000 acre-feet of recycled water used for groundwater recharge (32,000 acre-feet), wildlife habitat (8,000 acre-feet), and agriculture (9,000 acre-feet).
Desalination	–	–
Transfers/Exchanges	–	–
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	11,757	–

**Table 34A-45
Metropolitan Water District of Southern California – South Coast SWP Water Contractor**

Items	Average Water Demand and Supplies (acre-feet)	Notes
2030 Water Demand		
Service Area Water Demand	4,333,000	Based on M&I, agricultural, storage, and seawater intrusion barrier water demands (Source: Metropolitan Water District of Southern California. 2016. <i>2015 Urban Water Management Plan</i> . June).
2030 Water Supplies for Existing Conditions/No Project/No Action Alternative		
CVP Water Supplies	–	–
SWP Water Supplies	1,606,000	1,911,500 acre-foot SWP Water contract (Table A); transfer of SWP with Desert Water Agency and Coachella Valley Water District; San Luis Reservoir carryover storage; Article 21 supplies; and Yuba River Accord purchases. Assumed SWP water supplies could be reduced to 12% of the contract amount in driest water years.
Other Imported Water Supplies	2,746,000	From Colorado River, Los Angeles Aqueduct, canal lining procedures, and Quantification Settlement Agreement.
Local Surface Water Supplies	110,000	
Groundwater	1,464,000	For groundwater pumping and groundwater recovery.
Recycled Water	486,000	–
Desalination	51,000	
Transfers/Exchanges	–	–
Total 2030 Water Supplies for Existing Conditions/No Project/No Action Alternative	5,052,000	This volume assumes an average of 75% SWP allocation and other surface supplies. Water supplies that exceed demand could be used for groundwater recharge and storage.

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