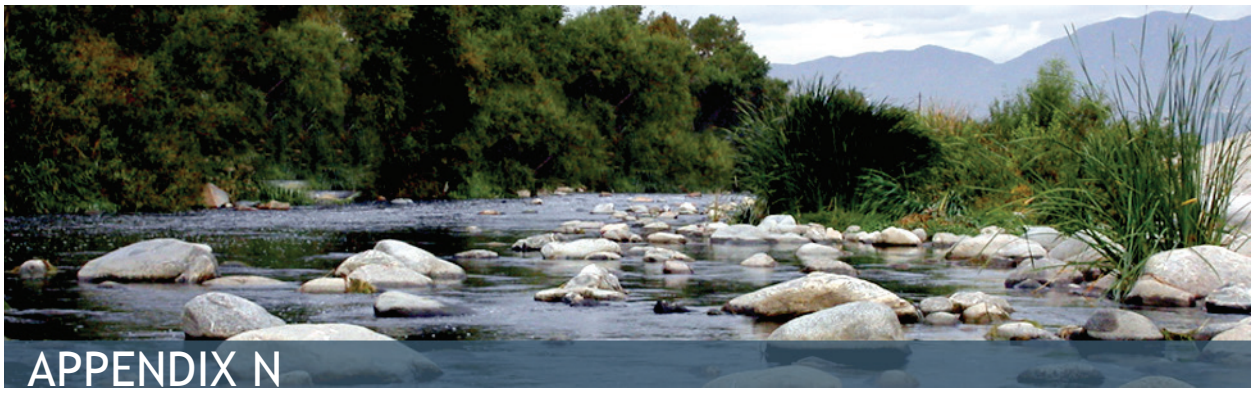

# APPENDIX N

## Detailed Supply Calculations

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Greater Los Angeles County IRWM Plan
Detailed Supply Calculations
Lower San Gabriel Los Angeles Rivers Subregion

**Summary Retail Supply Table**

| Supply Summary (AF) | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 |
|---|---|---|---|---|---|---|
| **GW** | 269,654 | 273,989 | 274,846 | 275,208 | 275,673 | 276,291 |
| **IW** | 116,561 | 106,931 | 106,656 | 100,511 | 98,852 | 92,137 |
| **RW** | 29,606 | 42,670 | 44,695 | 47,620 | 48,745 | 49,870 |
| **Local Surface Water** | - | - | - | - | - | - |
| **Conser** | 327 | 567 | 1,090 | 1,614 | 2,137 | 2,575 |
| **Water Trans** | - | 1,600 | 1,600 | 1,600 | 1,600 | 1,600 |
| **SW Capture & Reuse** | - | 80 | 240 | 400 | 640 | 1,000 |
| **Desal** | - | - | - | 5,000 | 5,000 | 10,000 |
| **Total Supply** | **416,148** | **425,837** | **429,127** | **431,953** | **432,647** | **433,473** |
| **Total Demand** | 348,212 | 378,941 | 387,490 | 396,401 | 398,703 | 400,916 |

**Summary Replenishment Supply Table**

| | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 |
|---|---|---|---|---|---|---|
| **Imported Water** | 23,000 | 23,000 | 23,000 | 23,000 | 23,000 | 23,000 |
| **Recycled Water** | 41,000 | 41,000 | 41,000 | 41,000 | 41,000 | 41,000 |
| **Stormwater** | 52,000 | 52,000 | 52,000 | 52,000 | 52,000 | 52,000 |
| **Total** | **116,000** | **116,000** | **116,000** | **116,000** | **116,000** | **116,000** |

**Los Angeles**

| Supply Summary (AF) | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Source* |
|---|---|---|---|---|---|---|---|
| | | | | | | | *LADWP 2010 UWMP* |
| **GW** | 11,766 | 15,000 | 15,000 | 15,000 | 15,000 | 15,000 | *Exhibit 6G, Central Basin* |
| **IW** | 9,688 | (2,225) | (2,245) | (2,810) | (3,374) | (4,613) | *Demand-Local Supply* |
| **RW** | 50 | 9,570 | 10,395 | 11,220 | 12,045 | 12,870 | *Exhibit 4F, 4M (Irrigation, Commercial, Industrial)* |
| **Local Surface Water** | - | - | - | - | - | - | |
| **Conser** | 327 | 567 | 1,090 | 1,614 | 2,137 | 2,575 | *Area percentage applied* |
| **Water Trans** | - | 1,600 | 1,600 | 1,600 | 1,600 | 1,600 | *Area percentage applied* |
| **SW Capture & Reuse** | - | 80 | 240 | 400 | 640 | 1,000 | *Area percentage applied* |
| **Desal** | - | - | - | - | - | - | |
| **Total Supply** | **21,831** | **24,592** | **26,080** | **27,024** | **28,048** | **28,432** | |
| **Total Demand** | 21,831 | 24,592 | 26,080 | 27,024 | 28,048 | 28,432 | *Area percentage applied* |

**Los Angeles (100%) - Percentage area applied.**

| | Supply Summary (AF) | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Source* |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | *LADWP 2010 UWMP* |
| 4% | **GW** | 76,982 | 40,500 | 96,300 | 111,500 | 111,500 | 110,405 | *Exhibit ES-R* |
| | **IW** | 463,614 | 540,120 | 508,040 | 481,760 | 484,781 | 477,027 | *Exhibit ES-R (Includes LA Aqueduct and MWD supplies)* |
| | **RW** | 6,703 | 20,000 | 20,400 | 27,000 | 29,000 | 29,000 | *Exhibit 4J, Exhibit 4L* |
| | **Local Surface Water** | | | | | | | |
| | **Conser** | 8,178 | 14,180 | 27,260 | 40,340 | 53,419 | 64,368 | *Exhibit ES-R* |
| | **Water Trans** | - | 40,000 | 40,000 | 40,000 | 40,000 | 40,000 | *Exhibit ES-R* |
| | **SW Capture & Reuse** | - | 2,000 | 6,000 | 10,000 | 16,000 | 25,000 | *Exhibit ES-R* |
| | **Desal** | | | | | | | |
| | **Total Supply** | **555,477** | **656,800** | **698,000** | **710,600** | **734,700** | **745,800** | |
| | **Total Demand** | **545,771** | **614,800** | **652,000** | **675,600** | **701,200** | **710,800** | *Exhibit 2J, Demand Forecast with Passive and Active Water Conservation* |

**Long Beach**

| Supply Summary (AF) | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Source* |
|---|---|---|---|---|---|---|---|
| | | | | | | | *Long Beach 2010 UWMP* |
| **GW** | 34,655 | 33,000 | 33,500 | 34,000 | 34,500 | 35,000 | *Table 16* |
| **IW** | 22,237 | 24,520 | 24,046 | 18,551 | 17,477 | 11,929 | *Table 16* |
| **RW** | 6,556 | 10,100 | 11,300 | 13,400 | 13,700 | 14,000 | *Table 16* |
| **Local Surface Water** | - | - | - | - | - | - | |
| **Conser** | - | - | - | - | - | - | |
| **Water Trans** | - | - | - | - | - | - | |
| **SW Capture & Reuse** | - | - | - | - | - | - | |
| **Desal** | - | - | - | 5,000 | 5,000 | 10,000 | *Table 16* |
| **Total Supply** | **63,448** | **67,620** | **68,846** | **70,951** | **70,677** | **70,929** | |
| **Total Demand** | 54,128 | 55,219 | 55,244 | 55,249 | 54,698 | 54,652 | *Table 11, Total water deliveries* |

**Fullerton**

| Supply Summary (AF) | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Source* |
|---|---|---|---|---|---|---|---|
| | | | | | | | *Fullerton 2010 UWMP* |
| **GW** | 17,273 | 20,029 | 20,386 | 20,248 | 20,213 | 20,331 | *Table 2-9* |
| **IW** | 12,276 | 12,276 | 12,495 | 12,410 | 12,389 | 12,461 | *Table 2-9* |
| **RW** | - | - | - | - | - | - | |
| **Local Surface Water** | - | - | - | - | - | - | |
| **Conser** | - | - | - | - | - | - | |
| **Water Trans** | - | - | - | - | - | - | |
| **SW Capture & Reuse** | - | - | - | - | - | - | |
| **Desal** | - | - | - | - | - | - | |
| **Total Supply** | **29,549** | **32,305** | **32,881** | **32,658** | **32,602** | **32,792** | |
| **Total Demand** | 27,860 | 32,305 | 32,881 | 32,658 | 32,602 | 32,792 | *Table 2-4+Table 2-5* |

**Central Basin MWD**

| Supply Summary (AF) | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Source* |
|---|---|---|---|---|---|---|---|
| | | | | | | | *Central Basin 2010 UWMP* |
| **GW** | 205,960 | 205,960 | 205,960 | 205,960 | 205,960 | 205,960 | *Table 3-1* |
| **IW** | 72,360 | 72,360 | 72,360 | 72,360 | 72,360 | 72,360 | *Table 3-1* |
| **RW** | 23,000 | 23,000 | 23,000 | 23,000 | 23,000 | 23,000 | *Table 3-1* |
| **Local Surface Water** | - | - | - | - | - | - | |
| **Conser** | - | - | - | - | - | - | |
| **Water Trans** | - | - | - | - | - | - | |
| **SW Capture & Reuse** | - | - | - | - | - | - | |
| **Desal** | - | - | - | - | - | - | |
| **Total Supply** | **301,320** | **301,320** | **301,320** | **301,320** | **301,320** | **301,320** | |
| **Total Demand** | **244,393** | **266,825** | **273,285** | **281,470** | **283,355** | **285,040** | *Table 2-4* |

**Summary Retail Supply Table**

| Supply Summary (AF) | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 |
|---|---|---|---|---|---|---|
| **GW** | 195 | 188 | 188 | 188 | 188 | 188 |
| **IW** | 35,202 | 43,233 | 43,184 | 44,410 | 48,214 | 46,716 |
| **RW** | 5,439 | 5,545 | 6,690 | 7,836 | 8,981 | 9,211 |
| **SurfW** | - | - | - | - | - | - |
| **Desal** | - | - | - | - | - | - |
| **Conser** | - | - | - | - | - | - |
| **Water Trans** | - | - | - | - | - | - |
| **SW Reuse** | - | - | - | - | - | - |
| **Total** | 40,836 | 48,965 | 50,062 | 52,434 | 57,383 | 56,115 |
| **Demand** | 40,836 | 42,218 | 39,701 | 40,771 | 44,427 | 42,782 |

Las Virgenes (87% in NSMB)

| Supply Summary (AF) | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Source* |
|---|---|---|---|---|---|---|---|
| | | | | | | | *Las Virgenes 2010 UWMP* |
| **GW** | 195 | 188 | 188 | 188 | 188 | 188 | *Area percentage applied* |
| **IW** | 18,454 | 23,153 | 23,962 | 24,780 | 25,561 | 26,306 | *Area percentage applied* |
| **RW** | 3,934 | 4,244 | 5,381 | 6,519 | 7,656 | 7,884 | *Area percentage applied* |
| **SurfW** | | | | | | | |
| **Desal** | | | | | | | |
| **Conser** | | | | | | | |
| **Water Trans** | | | | | | | |
| **SW Reuse** | | | | | | | |
| **Total** | **22,583** | **27,585** | **29,530** | **31,487** | **33,405** | **34,378** | |
| **Demand** | **22,583** | **20,837** | **19,170** | **19,825** | **20,448** | **21,045** | *Area percentage applied* |

Las Virgenes (100%)

| | Supply Summary (AF) | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Source* |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | *Las Virgenes 2010 UWMP* |
| 87% | **GW** | 224 | 216 | 216 | 216 | 216 | 216 | *Table 3.1, Table 3.2* |
| | **IW** | 21,212 | 26,613 | 27,542 | 28,483 | 29,380 | 30,237 | *Table 3.3* |
| | **RW** | 4,522 | 4,878 | 6,185 | 7,493 | 8,800 | 9,062 | *Table 4.4* |
| | **SurfW** | | | | | | | |
| | **Desal** | | | | | | | |
| | **Conser** | | | | | | | |
| | **Water Trans** | | | | | | | |
| | **SW Reuse** | | | | | | | |
| | **Total** | **25,958** | **31,707** | **33,943** | **36,192** | **38,396** | **39,515** | |
| | **Demand** | **25,958** | **23,951** | **22,034** | **22,787** | **23,504** | **24,190** | *Table ES.2* |

Malibu

| Supply Summary (AF) | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Source* |
|---|---|---|---|---|---|---|---|
| | | | | | | | *LA County Waterworks No. 29 2010 UWMP* |
| **GW** | | | | | | | |
| **IW** | 5,355 | 7,176 | 7,056 | 7,428 | 10,421 | 8,142 | *Population percentage applied* |
| **RW** | | | | | | | |
| **SurfW** | | | | | | | |
| **Desal** | | | | | | | |
| **Conser** | | | | | | | |
| **Water Trans** | | | | | | | |
| **SW Reuse** | | | | | | | |
| **Total** | **5,355** | **7,176** | **7,056** | **7,428** | **10,421** | **8,142** | |
| **Demand** | **5,355** | **7,176** | **7,056** | **7,428** | **10,421** | **8,142** | *Equal to imported supply projections* |

| Supply Summary (AF) | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Source* |
|---|---|---|---|---|---|---|---|
| | | | | | | | *LA County Waterworks No. 29 2010 UWMP* |
| IW | 8289 | 11293 | 11220 | 11922 | 12608 | 13266 | *Table 2.1* |
| **Population Proportions** | | | | | | | |
| Non-MDRey | 20174 | 20977 | 22194 | 23365 | 24514 | 25611 | *Table 1.3* |
| Total Pop. Regi | 31229 | 33011 | 35293 | 37502 | 29660 | 41729 | *Table 1.3* |
| | 65% | 64% | 63% | 62% | 83% | 61% | |

California Water Services Co. Westlake

| Supply Summary (AF) | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Source* |
|---|---|---|---|---|---|---|---|
| | | | | | | | *California Water Services, Weslake, 2010 UWMP* |
| **GW** | | | | | | | |
| **IW** | 7,633 | 8,416 | 7,497 | 7,532 | 7,563 | 7,598 | *Table 5.2-4* |
| **RW** | 419 | 421 | 422 | 424 | 425 | 427 | *Table 5.2-4* |
| **SurfW** | | | | | | | |
| **Desal** | | | | | | | |
| **Conser** | | | | | | | |
| **Water Trans** | | | | | | | |
| **SW Reuse** | | | | | | | |
| **Total** | **8,052** | **8,837** | **7,919** | **7,956** | **7,988** | **8,025** | |
| **Demand** | **8,052** | **8,837** | **7,919** | **7,956** | **7,988** | **8,025** | *Table 5.2-4* |

Greater Los Angeles County IRWM Plan
Detailed Supply Calculations
North Santa Monica Bay Subregion

Lake Sherwood

| Supply Summary (AF) | | | | | | | Source |
|---|---|---|---|---|---|---|---|
| | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Calleguas MWD 2010 UWMP - Lake Sherwood* |
| **GW** | | | | | | | |
| **IW** | 1,203 | 1,387 | 1,570 | 1,570 | 1,570 | 1,570 | *Appendix C, Table 10* |
| **RW** | 300 | 300 | 300 | 300 | 300 | 300 | *Appendix C, Table 10* |
| **SurfW** | | | | | | | |
| **Desal** | | | | | | | |
| **Conser** | | | | | | | |
| **Water Trans** | | | | | | | |
| **SW Reuse** | | | | | | | |
| **Total** | **1,503** | **1,687** | **1,870** | **1,870** | **1,870** | **1,870** | |
| **Demand** | **1,503** | **1,687** | **1,870** | **1,870** | **1,870** | **1,870** | *Appendix C, Table 10* |

Triunfo Sanitation District

| Supply Summary (AF) | | | | | | | Source |
|---|---|---|---|---|---|---|---|
| | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Triunfo Sanitation District 2010 UWMP* |
| **GW** | | | | | | | |
| **IW** | 2,557 | 3,100 | 3,100 | 3,100 | 3,100 | 3,100 | *Table 4.1.1* |
| **RW** | 786 | 580 | 587 | 593 | 600 | 600 | *Table 4.1.1* |
| **SurfW** | | | | | | | |
| **Desal** | | | | | | | |
| **Conser** | | | | | | | |
| **Water Trans** | | | | | | | |
| **SW Reuse** | | | | | | | |
| **Total** | **3,343** | **3,680** | **3,687** | **3,693** | **3,700** | **3,700** | |
| **Demand** | **3,343** | **3,680** | **3,687** | **3,693** | **3,700** | **3,700** | *Table 4.1.1* |

**Summary Retail Supply Table**

| Supply Summary (AF) | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 |
|---|---|---|---|---|---|---|
| **GW** | 89,773 | 52,306 | 108,106 | 123,306 | 119,206 | 122,211 |
| **IW** | 285,670 | 336,385 | 289,948 | 278,272 | 285,974 | 276,774 |
| **RW** | 12,898 | 17,719 | 21,009 | 22,432 | 23,854 | 25,140 |
| **Desal** | - | - | - | - | - | - |
| **Local Surface Water** | 952 | 952 | 952 | 952 | 952 | 952 |
| **Conserv** | 4,743 | 9,224 | 17,811 | 25,789 | 33,583 | 40,081 |
| **Stormwater Capture a** | - | 1,160 | 3,480 | 5,800 | 9,280 | 14,500 |
| **Water Transfer** | - | 23,200 | 23,451 | 23,451 | 23,451 | 23,451 |
| **Total Supply** | **394,036** | **440,946** | **464,757** | **480,001** | **496,299** | **503,109** |
| **Total Demand** | **393,727** | **439,111** | **462,331** | **477,376** | **493,481** | **500,228** |

**Glendale**

| Supply Summary (AF) | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Source* |
|---|---|---|---|---|---|---|---|
| | | | | | | | *Glendale 2010 UWMP* |
| **GW** | 9,788 | 11,656 | 11,656 | 11,656 | 11,656 | 11,656 | *Table 3-3* |
| **IW** | 16,550 | 17,620 | 17,755 | 17,890 | 18,025 | 18,162 | *Table 3-3* |
| **RW** | 1,662 | 1,662 | 1,662 | 1,662 | 1,662 | 1,662 | *Table 3-3* |
| **Desal** | - | - | - | - | - | - | |
| **Local Surface Water** | - | - | - | - | - | - | |
| **Conserv** | - | - | - | - | - | - | |
| **Stormwater Capture a** | - | - | - | - | - | - | |
| **Water Transfer** | - | - | - | - | - | - | |
| **Total Supply** | **28,000** | **30,938** | **31,073** | **31,208** | **31,343** | **31,480** | |
| **Total Demand** | **27,691** | **30,110** | **30,196** | **30,326** | **30,460** | **30,591** | *Table 2-1, Table 2-4* |

**Foothill MWD (Crescenta, La Canada ID, Lincoln Ave Water Co, Mesa Crest Water Co, Valley Water Co)**

| Supply Summary (AF) | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Source* |
|---|---|---|---|---|---|---|---|
| | | | | | | | *Foothill MWD 2010 UWMP* |
| **GW** | - | - | - | - | - | - | |
| **IW** | 8,813 | 9,696 | 10,246 | 10,523 | 10,806 | 11,105 | *Difference of Demand and RW* |
| **RW** | 104 | 120 | 120 | 120 | 120 | 120 | *Assumes all RW in ULAR* |
| **Desal** | - | - | - | - | - | - | |
| **Local Surface Water** | - | - | - | - | - | - | |
| **Conserv** | - | - | - | - | - | - | |
| **Stormwater Capture a** | - | - | - | - | - | - | |
| **Water Transfer** | - | - | - | - | - | - | |
| **Total Supply** | **8,917** | **9,816** | **10,366** | **10,643** | **10,926** | **11,225** | |
| **Total Demand** | **8,917** | **9,816** | **10,366** | **10,643** | **10,926** | **11,225** | *Table 2-3* |

**Burbank**

| Supply Summary (AF) | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Source* |
|---|---|---|---|---|---|---|---|
| | | | | | | | *Burbank 2010 UWMP* |
| **GW** | 9,917 | 11,000 | 11,000 | 11,000 | 11,000 | 11,000 | *Table 4-2* |
| **IW** | 9,886 | 8,850 | 7,981 | 8,441 | 8,979 | 9,491 | *Table 4-2* |
| **RW** | 2,010 | 3,660 | 5,160 | 5,160 | 5,160 | 5,160 | *Table 4-2* |
| **Desal** | - | - | - | - | - | - | |
| **Local Surface Water** | - | - | - | - | - | - | |
| **Conserv** | - | - | - | - | - | - | |
| **Stormwater Capture a** | - | - | - | - | - | - | |
| **Water Transfer** | - | - | - | - | - | - | |
| **Total Supply** | **21,813** | **23,510** | **24,141** | **24,601** | **25,139** | **25,651** | |
| **Total Demand** | **21,813** | **23,511** | **24,141** | **24,601** | **25,139** | **25,651** | *Table 3-10* |

**Summary Replenishment Supply Table**

| Replenishment Supply | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 |
|---|---|---|---|---|---|---|
| **IW** | 2,034 | 2,100 | 500 | 300 | 200 | 100 |
| **RW** | - | - | - | 15,000 | 22,500 | 30,000 |
| **SW** | 32,952 | 32,952 | 35,203 | 37,203 | 41,203 | 48,203 |
| | 34,986 | 35,052 | 35,703 | 52,503 | 63,903 | 78,303 |

**LADWP**

| Replenishment Supply | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Source* |
|---|---|---|---|---|---|---|---|
| | | | | | | | *LADWP 2010 UWMP* |
| **IW** | - | - | - | - | - | - | |
| **RW** | - | - | - | 15,000 | 22,500 | 30,000 | *Exhibit 11E* |
| **SW** | - | - | 2,000 | 4,000 | 8,000 | 15,000 | *Exhibit 11E* |

40% **Pasadena**

| Replenishment Supply | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Source* |
|---|---|---|---|---|---|---|---|
| | | | | | | | *Pasadena 2010 UWMP* |
| **IW** | | | | | | | |
| **RW** | | | | | | | |
| **SW** | 2,380 | 2,380 | 3,007 | 3,007 | 3,007 | 3,007 | *Table ES-1 - Included under diversions + average spreading in section 4.3.3* |

**Burbank**

| Replenishment Supply | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Source* |
|---|---|---|---|---|---|---|---|
| | | | | | | | *Burbank 2010 UWMP* |
| **IW** | 2,034 | 2,100 | 500 | 300 | 200 | 100 | *Table 3-11* |
| **RW** | | | | | | | |
| **SW** | | | | | | | |

**LA County Flood Control District**

| Replenishment Supply | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Source* |
|---|---|---|---|---|---|---|---|
| **IW** | - | - | - | - | - | - | |
| **RW** | - | - | - | - | - | - | |
| **SW** | 32,000 | 32,000 | 32,000 | 32,000 | 32,000 | 32,000 | *ULARA Watermaster Report, 2009/2010 water year* |

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Detailed Supply Calculations
Upper Los Angeles River Subregion

**Pasadena**

| Supply Summary (AF) | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | Source |
|---|---|---|---|---|---|---|---|
| | | | | | | | *Pasadena 2010 UWMP* |
| **GW** | 4,822 | 4,122 | 4,122 | 4,122 | 4,122 | 4,122 | *Area percentage applied* |
| **IW** | 9,610 | 9,450 | 8,460 | 8,460 | 8,460 | 8,460 | *Area percentage applied* |
| **RW** | - | 452 | 820 | 820 | 820 | 820 | *Area percentage applied* |
| **Desal** | - | - | - | - | - | - | *Area percentage applied* |
| **Local Surface Water** | 952 | 952 | 952 | 952 | 952 | 952 | |
| **Conserv** | - | 1,000 | 2,000 | 2,392 | 2,600 | 2,748 | *Area percentage applied* |
| **Stormwater Capture ar** | - | - | - | - | - | - | |
| **Water Transfer** | - | - | 251 | 251 | 251 | 251 | *Area percentage applied* |
| **Total Supply** | **15,384** | **15,976** | **16,604** | **16,996** | **17,204** | **17,352** | |
| **Total Demand** | **15,384** | **15,976** | **16,604** | **16,996** | **17,204** | **17,352** | *Area percentage applied* |

**Pasadena (100%)**

| | Supply Summary (AF) | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | Source |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | *Pasadena 2010 UWMP* |
| 40% | **GW** | 12,056 | 10,304 | 10,304 | 10,304 | 10,304 | 10,304 | *Table ES-1* |
| | **IW** | 24,024 | 23,626 | 21,149 | 21,149 | 21,149 | 21,149 | *Table ES-1* |
| | **RW** | - | 1,130 | 2,050 | 2,050 | 2,050 | 2,050 | *Table ES-1* |
| | **SurfW** | 2,380 | 2,380 | 2,380 | 2,380 | 2,380 | 2,380 | *Table ES-1* |
| | **Desal** | - | - | - | - | - | - | |
| | **Conser** | - | 2,500 | 5,000 | 5,980 | 6,500 | 6,870 | *Table ES-1* |
| | **Water Trans** | | | | | | | |
| | **SW Reuse** | - | - | 627 | 627 | 627 | 627 | *Table ES-1* |
| | **Total** | **38,460** | **39,940** | **41,510** | **42,490** | **43,010** | **43,380** | |
| | **Demand** | **38,460** | **39,940** | **41,510** | **42,490** | **43,010** | **43,380** | *Table ES-1* |

**Los Angeles**

| Supply Summary (AF) | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | Source |
|---|---|---|---|---|---|---|---|
| | | | | | | | *LADWP 2010 UWMP* |
| **GW** | 65,216 | 25,500 | 81,300 | 96,500 | 92,400 | 95,405 | *Exhibit 6G, San Fernando+Sylmar* |
| **IW** | 238,054 | 287,309 | 241,926 | 229,255 | 235,885 | 225,626 | *Demand-Local Supply* |
| **RW** | 8,534 | 11,191 | 12,443 | 13,696 | 14,948 | 16,200 | *Exhibit 4G+4H, 4N+4O, 4Q(Irrigation, Industrial)* |
| **Desal** | - | - | - | - | - | - | |
| **Local Surface Water** | - | - | - | - | - | - | |
| **Conserv** | 4,743 | 8,224 | 15,811 | 23,397 | 30,983 | 37,333 | *Area percentage applied* |
| **Stormwater Capture ar** | - | 1,160 | 3,480 | 5,800 | 9,280 | 14,500 | *Area percentage applied* |
| **Water Transfer** | - | 23,200 | 23,200 | 23,200 | 23,200 | 23,200 | *Area percentage applied* |
| **Total Supply** | **316,547** | **356,584** | **378,160** | **391,848** | **406,696** | **412,264** | |
| **Total Demand** | **316,547** | **356,584** | **378,160** | **391,848** | **406,696** | **412,264** | *Area percentage applied* |

**Los Angeles (100%) - Percentage area applied to demand only. Supply numbers received via email from LADWP.**

| | Supply Summary (AF) | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | Source |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | *LADWP 2010 UWMP* |
| | **GW** | 76,982 | 40,500 | 96,300 | 111,500 | 111,500 | 110,405 | *Exhibit ES-R* |
| | **IW** | 463,614 | 540,120 | 508,040 | 481,760 | 484,781 | 477,027 | *Exhibit ES-R (Includes LA Aqueduct and MWD supplies)* |
| | **RW** | 9,623 | 20,000 | 20,400 | 27,000 | 29,000 | 29,000 | *Exhibit 4J, Exhibit 4L* |
| | **Desal** | - | - | - | - | - | - | |
| | **Local Surface Water** | - | - | - | - | - | - | |
| | **Conserv** | 8,178 | 14,180 | 27,260 | 40,340 | 53,419 | 64,368 | *Exhibit ES-R* |
| | **Stormwater Capture** | - | 2,000 | 6,000 | 10,000 | 16,000 | 25,000 | *Exhibit ES-R* |
| | **Water Transfer** | - | 40,000 | 40,000 | 40,000 | 40,000 | 40,000 | *Exhibit ES-R* |
| Area | **Total** | **558,397** | **656,800** | **698,000** | **710,600** | **734,700** | **745,800** | |
| 58% | **Demand** | **545,771** | **614,800** | **652,000** | **675,600** | **701,200** | **710,800** | *Exhibit 2J, Demand Forecast with Passive and Active Water Conservation* |

**Las Virgenes (13%)**

| Supply Summary (AF) | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | Source |
|---|---|---|---|---|---|---|---|
| | | | | | | | *Las Virgenes 2010 UWMP* |
| **GW** | 29 | 28 | 28 | 28 | 28 | 28 | *Area percentage applied* |
| **IW** | 2,758 | 3,460 | 3,580 | 3,703 | 3,819 | 3,931 | *Area percentage applied* |
| **RW** | 588 | 634 | 804 | 974 | 1,144 | 1,178 | *Area percentage applied* |
| **Desal** | - | - | - | - | - | - | |
| **Local Surface Water** | - | - | - | - | - | - | |
| **Conserv** | - | - | - | - | - | - | |
| **Stormwater Capture ar** | - | - | - | - | - | - | |
| **Water Transfer** | - | - | - | - | - | - | |
| **Total Supply** | **3,375** | **4,122** | **4,413** | **4,705** | **4,991** | **5,137** | |
| **Total Demand** | **3,375** | **3,114** | **2,864** | **2,962** | **3,056** | **3,145** | *Area percentage applied* |

**Las Virgenes (100%)**

| | Supply Summary (AF) | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | Source |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | *Las Virgenes 2010 UWMP* |
| 13% | **GW** | 224 | 216 | 216 | 216 | 216 | 216 | *Table 3.1, Table 3.2* |
| | **IW** | 21,212 | 26,613 | 27,542 | 28,483 | 29,380 | 30,237 | *Table 3.3* |
| | **RW** | 4,522 | 4,878 | 6,185 | 7,493 | 8,800 | 9,062 | *Table 4.4* |
| | **SurfW** | - | - | - | - | - | - | |
| | **Desal** | - | - | - | - | - | - | |
| | **Conser** | - | - | - | - | - | - | |
| | **Water Trans** | - | - | - | - | - | - | |
| | **SW Reuse** | - | - | - | - | - | - | |
| | **Total** | **25,958** | **31,707** | **33,943** | **36,192** | **38,396** | **39,515** | |
| | **Demand** | **25,958** | **23,951** | **22,034** | **22,787** | **23,504** | **24,190** | *Table ES.2* |

**Summary Retail Supply Table**

| Retail Supply & Demand Summary (AF) | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 |
|---|---|---|---|---|---|---|
| **Groundwater Pumping** | 199,376 | 207,696 | 217,764 | 218,766 | 221,376 | 222,609 |
| **Imported Water** | 101,350 | 120,442 | 118,371 | 121,568 | 125,114 | 126,887 |
| **Recycled Water (NPR)** | 8,738 | 12,356 | 15,621 | 17,217 | 18,903 | 20,572 |
| **Local Surface Water** | 13,212 | 18,380 | 18,341 | 18,341 | 18,341 | 18,341 |
| **Desalination** | - | - | - | - | - | - |
| **Conservation** | 19,199 | 22,691 | 24,718 | 27,563 | 30,016 | 32,258 |
| **Water Transfer** | (34) | - | - | - | - | - |
| **Stormwater Capture and Reuse** | 1,428 | 1,428 | - | - | - | - |
| **Total** | **343,269** | **382,993** | **394,816** | **403,456** | **413,751** | **420,668** |
| **Demand** | **305,513** | **325,122** | **341,951** | **349,647** | **357,392** | **363,856** |

**Summary Replenishment Supply Table**

| Replenishment Supply (AF) | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | |
|---|---|---|---|---|---|---|---|
| **IW** | 32,775 | 38,015 | 31,255 | 34,255 | 38,255 | 38,255 | |
| **RW** | - | - | 5,000 | 5,000 | 10,000 | 10,000 | |
| **SW (MSGB)** | 110,000 | 110,000 | 110,000 | 110,000 | 110,000 | 110,000 | LA County Hydrologic Reports |
| **SW (Raymond)** | 1,428 | 1,428 | 1,804 | 1,804 | 1,804 | 1,804 | |
| **Total** | **144,203** | **149,443** | **148,059** | **151,059** | **160,059** | **160,059** | |

| USGVMWD (replenishment) | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *USGVMWD 2010 UWMP* |
|---|---|---|---|---|---|---|---|
| **IW for recharge** | 21000 | 25000 | 16000 | 19000 | 23000 | 23000 | *Table 6* |
| **RW for recharge** | 0 | 0 | 5000 | 5000 | 10000 | 10000 | *Table 6* |

| TVMWD (replenishment) | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *TVMWD 2010 UWMP* |
|---|---|---|---|---|---|---|---|
| **IW for recharge** | 5000 | 5000 | 6000 | 6000 | 6000 | 6000 | *Table 3-4* |

| SGVMWD (replenishment) | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *SGVMWD 2010 UWMP* |
|---|---|---|---|---|---|---|---|
| **IW for recharge** | 6775 | 8015 | 9255 | 9255 | 9255 | 9255 | *Table 5* |

**Pasadena (60%)**

| Supply Summary (AF) | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Source* |
|---|---|---|---|---|---|---|---|
| | | | | | | | *Pasadena 2010 UWMP* |
| **GW** | 7,234 | 6,182 | 6,182 | 6,182 | 6,182 | 6,182 | *Area percentage applied* |
| **IW** | 14,414 | 14,176 | 12,689 | 12,689 | 12,689 | 12,689 | *Area percentage applied* |
| **RW** | - | 678 | 1,230 | 1,230 | 1,230 | 1,230 | *Area percentage applied* |
| **SurfW** | 1,428 | 1,428 | 1,428 | 1,428 | 1,428 | 1,428 | *Area percentage applied* |
| **Desal** | - | - | - | - | - | - | |
| **Conser** | - | 1,500 | 3,000 | 3,588 | 3,900 | 4,122 | *Area percentage applied* |
| **Water Trans** | - | - | - | - | - | - | |
| **SW Recharge** | 1,428 | 1,428 | - | - | - | - | *Included under replenishment supply* |
| **Total** | **24,504** | **25,392** | **24,530** | **25,118** | **25,430** | **25,652** | |
| **Demand** | **23,076** | **23,964** | **24,906** | **25,494** | **25,806** | **26,028** | *Area percentage applied* |
| | 59% | | | | | | |

**Pasadena (100%)**

60%

| Supply Summary (AF) | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Source* |
|---|---|---|---|---|---|---|---|
| | | | | | | | *Pasadena 2010 UWMP* |
| **GW** | 12,056 | 10,304 | 10,304 | 10,304 | 10,304 | 10,304 | *Table ES-1* |
| **IW** | 24,024 | 23,626 | 21,149 | 21,149 | 21,149 | 21,149 | *Table ES-1* |
| **RW** | - | 1,130 | 2,050 | 2,050 | 2,050 | 2,050 | *Table ES-1* |
| **Surface Water use** | 2,380 | 2,380 | 2,380 | 2,380 | 2,380 | 2,380 | *Table ES-1* |
| **Desal** | - | - | - | - | - | - | |
| **Conser** | - | 2,500 | 5,000 | 5,980 | 6,500 | 6,870 | *Table ES-1* |
| **Water Trans** | | | | | | | |
| **Surface Water Recharge** | 2,380 | 2,380 | 3,007 | 3,007 | 3,007 | 3,007 | *Table ES-1 - Included under recharge* |
| **Total** | **40,840** | **42,320** | **43,890** | **44,870** | **45,390** | **45,760** | |
| **Demand** | **38,460** | **39,940** | **41,510** | **42,490** | **43,010** | **43,380** | *Table ES-1* |

**Foothill MWD (Las Flores WC, Rubio Canon Land-Water Assoc, Kinneloa ID)**

| Supply Summary (AF) | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Source* |
|---|---|---|---|---|---|---|---|
| | | | | | | | *Foothill MWD 2010 UWMP* |
| **GW** | - | - | - | - | - | - | |
| **IW** | 1,170 | 1,478 | 1,293 | 1,363 | 1,436 | 1,510 | *Equal to demand* |
| **RW** | - | - | - | - | - | - | |
| **SurfW** | - | - | - | - | - | - | |
| **Desal** | - | - | - | - | - | - | |
| **Conser** | - | - | - | - | - | - | |
| **Water Trans** | - | - | - | - | - | - | |
| **SW Reuse** | - | - | - | - | - | - | |
| **Total** | **1,170** | **1,478** | **1,293** | **1,363** | **1,436** | **1,510** | |
| **Demand** | **1,170** | **1,478** | **1,293** | **1,363** | **1,436** | **1,510** | *Table 2-3* |
| | 100% | | | | | | |

**South Pasadena**

| Supply Summary (AF) | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Source* |
|---|---|---|---|---|---|---|---|
| | | | | | | | *South Pasadena 2010 UWMP* |
| **GW** | 4,713 | 1,768 | 4,261 | 4,283 | 4,304 | 4,325 | *Table 5* |
| **IW** | 25 | 15 | 15 | 15 | 15 | 15 | *Table 5* |
| **RW** | - | - | - | - | - | - | |
| **SurfW** | - | - | - | - | - | - | |
| **Desal** | - | - | - | - | - | - | |
| **Conser** | - | - | - | - | - | - | |
| **Water Trans** | - | - | - | - | - | - | |
| **SW Reuse** | - | - | - | - | - | - | |
| **Total** | **4,738** | **1,783** | **4,276** | **4,298** | **4,319** | **4,340** | |
| **Demand** | **4,738** | **4,777** | **4,276** | **4,298** | **4,319** | **4,340** | *Table 8* |

**Alhambra**

| Supply Summary (AF) | | | | | | | Source |
|---|---|---|---|---|---|---|---|
| | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Alhambra 2010 UWMP* |
| **GW** | 15,650 | 15,650 | 16,375 | 16,375 | 17,900 | 17,900 | *Table 13* |
| **IW** | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | *Table 13* |
| **RW** | - | - | - | - | - | - | |
| **SurfW** | - | - | - | - | - | - | |
| **Desal** | - | - | - | - | - | - | |
| **Conser** | - | - | - | - | - | - | |
| **Water Trans** | - | - | - | - | - | - | |
| **SW Reuse** | - | - | - | - | - | - | |
| **Total** | **18,650** | **18,650** | **19,375** | **19,375** | **20,900** | **20,900** | |
| **Demand** | **10,423** | **11,407** | **13,250** | **13,450** | **13,450** | **13,450** | *Table 8, Table 9, Table 10, Table 11* |

**California American Water Co. (not including Baldwin Hills)**

| Supply Summary (AF) | | | | | | | Source |
|---|---|---|---|---|---|---|---|
| | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *CalAm 2010 UWMP* |
| **GW** | 15,886 | 16,102 | 16,102 | 16,102 | 16,102 | 16,102 | *Table 4-1* |
| **IW** | 937 | 3,944 | 3,024 | 3,516 | 3,990 | 3,990 | *Table 4-1* |
| **RW** | - | - | - | - | - | - | |
| **SurfW** | - | - | - | - | - | - | |
| **Desal** | - | - | - | - | - | - | |
| **Conser** | - | - | - | - | - | - | |
| **Water Trans** | - | - | - | - | - | - | |
| **SW Reuse** | - | - | - | - | - | - | |
| **Total** | **16823** | **20046** | **19126** | **19618** | **20092** | **20092** | |
| **Demand** | **15514** | **18410** | **17490** | **17982** | **18457** | **18932** | *Table 3-2* |

**San Gabriel County WD**

| Supply Summary (AF) | | | | | | | Source |
|---|---|---|---|---|---|---|---|
| | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *San Gabriel County WD 2010 UWMP* |
| **GW** | 6,378 | 7,612 | 7,348 | 7,561 | 7,767 | 7,973 | *Table 20* |
| **IW** | - | - | - | - | - | - | |
| **RW** | - | - | - | - | - | - | |
| **SurfW** | - | - | - | - | - | - | |
| **Desal** | - | - | - | - | - | - | |
| **Conser** | - | - | - | - | - | - | |
| **Water Trans** | - | - | - | - | - | - | |
| **SW Reuse** | - | - | - | - | - | - | |
| **Total** | **6,378** | **7,612** | **7,348** | **7,561** | **7,767** | **7,973** | |
| **Demand** | **6,378** | **7,612** | **7,348** | **7,561** | **7,767** | **7,973** | *Table 7* |

**San Gabriel Valley Water Co.**

| Supply Summary (AF) | | | | | | | Source |
|---|---|---|---|---|---|---|---|
| | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *San Gabriel Valley Water Co. 2010 UWMP* |
| **GW** | 35,461 | 34,961 | 43,223 | 44,212 | 44,950 | 45,688 | *Table 9* |
| **IW** | - | - | - | - | - | - | |
| **RW** | 2,015 | 3,000 | 4,500 | 5,000 | 6,000 | 7,000 | *Table 9* |
| **SurfW** | - | - | - | - | - | - | |
| **Desal** | - | - | - | - | - | - | |
| **Conser** | - | - | - | - | - | - | |
| **Water Trans** | - | - | - | - | - | - | |
| **SW Reuse** | - | - | - | - | - | - | |
| **Total** | **37,476** | **37,961** | **47,723** | **49,212** | **50,950** | **52,688** | |
| **Demand** | **37,476** | **37,961** | **47,723** | **49,212** | **50,950** | **52,688** | *Table 7, Table 8* |

**Arcadia**

| Supply Summary (AF) | | | | | | | Source |
|---|---|---|---|---|---|---|---|
| | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Arcadia 2010 UWMP* |
| **GW** | 15,512 | 16,452 | 14,586 | 14,508 | 14,772 | 15,036 | *Table 9* |
| **IW** | - | - | - | - | - | - | |
| **RW** | - | - | 300 | 644 | 644 | 644 | *Table 9* |
| **SurfW** | - | - | - | - | - | - | |
| **Desal** | - | - | - | - | - | - | |
| **Conser** | - | - | - | - | - | - | |
| **Water Trans** | - | - | - | - | - | - | |
| **SW Reuse** | - | - | - | - | - | - | |
| **Total** | **15,512** | **16,452** | **14,886** | **15,152** | **15,416** | **15,680** | |
| **Demand** | **15,798** | **16,475** | **14,909** | **15,173** | **15,438** | **15,702** | *Table 13* |

**Azusa Light and Water**

| Supply Summary (AF) | | | | | | | Source |
|---|---|---|---|---|---|---|---|
| | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Azusa 2010 UWMP* |
| **GW** | 16,487 | 24,350 | 24,350 | 24,350 | 24,350 | 24,350 | *Table 2.6, Table 2.7* |
| **IW** | - | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | *Table 2.6, Table 2.7* |
| **RW** | - | - | - | - | - | - | |
| **Local Surface Water** | 5,059 | 10,100 | 10,100 | 10,100 | 10,100 | 10,100 | *Table 2.6, Table 2.7* |
| **Desal** | - | - | - | - | - | - | |
| **Conser** | - | - | - | - | - | - | |
| **Water Trans** | - | - | - | - | - | - | |
| **SW Reuse** | - | - | - | - | - | - | |
| **Total** | **21546** | **38450** | **38450** | **38450** | **38450** | **38450** | |
| **Demand** | **21546** | **21641** | **22582** | **23523** | **24464** | **25405** | *Table 4.1, Table 4.7* |

**Three Valleys MWD**

| Supply Summary (AF) | | | | | | | Source |
|---|---|---|---|---|---|---|---|
| | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *TVMWD 2010 UWMP* |
| **GW** | 46,056 | 46,137 | 46,141 | 46,146 | 46,151 | 46,155 | *Table 3-4 (Groundwater Production + Recovery)* |
| **IW** | 64,748 | 77,343 | 77,864 | 80,499 | 83,498 | 85,197 | *Table 3-4 (Full Service Tier I and Tier II)* |
| **RW** | 5,317 | 7,272 | 8,185 | 8,937 | 9,623 | 10,292 | *Table 3-4* |
| **SurfW** | 6,500 | 6,500 | 6,500 | 6,500 | 6,500 | 6,500 | *Table 3-4* |
| **Desal** | | | | | | | |
| **Conser** | 19,199 | 20,381 | 20,908 | 23,165 | 25,306 | 27,326 | *Table 3-4* |
| **Water Trans** | | | | | | | |
| **SW Reuse** | | | | | | | |
| **Total** | **141,820** | **157,633** | **159,598** | **165,247** | **171,078** | **175,470** | |
| **Demand** | **122,620** | **131,620** | **138,690** | **142,082** | **145,772** | **148,144** | *Table 3-4* |

**Suburban Water Systems (San Jose Hills)**

| Supply Summary (AF) | | | | | | | Source |
|---|---|---|---|---|---|---|---|
| | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Suburban Water Systems 2010 UWMP* |
| **GW** | 19,294 | 19,294 | 20,441 | 20,441 | 20,441 | 20,441 | *Table 3-1* |
| **IW** | 15,289 | 15,289 | 15,289 | 15,289 | 15,289 | 15,289 | *Table 3-1* |
| **RW** | 1,406 | 1,406 | 1,406 | 1,406 | 1,406 | 1,406 | *Table 3-1* |
| **SurfW** | - | - | - | - | - | - | |
| **Desal** | - | - | - | - | - | - | |
| **Conser** | - | 810 | 810 | 810 | 810 | 810 | *Table 2-10* |
| **Water Trans** | - | - | - | - | - | - | |
| **SW Reuse** | - | - | - | - | - | - | |
| **Total** | **35,989** | **36,799** | **37,946** | **37,946** | **37,946** | **37,946** | |
| **Demand** | **28,300** | **30,380** | **30,380** | **30,380** | **30,380** | **30,380** | *Table 2-10* |

**Sierra Madre**

| Supply Summary (AF) | | | | | | | Source |
|---|---|---|---|---|---|---|---|
| | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Sierra Madre 2010 UWMP* |
| **GW** | 2,525 | 2,579 | 2,296 | 2,297 | 2,298 | 2,298 | *Table 9* |
| **IW** | - | - | - | - | - | - | |
| **RW** | - | - | - | - | - | - | |
| **SurfW** | 225 | 352 | 313 | 313 | 313 | 313 | *Table 9* |
| **Desal** | - | - | - | - | - | - | |
| **Conser** | - | - | - | - | - | - | |
| **Water Trans** | - | - | - | - | - | - | |
| **SW Reuse** | - | - | - | - | - | - | |
| **Total** | **2,750** | **2,931** | **2,609** | **2,610** | **2,611** | **2,611** | |
| **Demand** | **2,750** | **2,930** | **2,609** | **2,610** | **2,611** | **2,611** | *Table 7* |

**Monrovia**

| Supply Summary (AF) | | | | | | | Source |
|---|---|---|---|---|---|---|---|
| | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Monrovia 2010 UWMP* |
| **GW** | 7,600 | 7,450 | 7,300 | 7,150 | 7,000 | 7,000 | *Table #8* |
| **IW** | - | - | - | - | - | - | |
| **RW** | - | - | - | - | - | - | |
| **SurfW** | - | - | - | - | - | - | |
| **Desal** | - | - | - | - | - | - | |
| **Conser** | - | - | - | - | - | - | |
| **Water Trans** | - | - | - | - | - | - | |
| **SW Reuse** | - | - | - | - | - | - | |
| **Total** | **7,600** | **7,450** | **7,300** | **7,150** | **7,000** | **7,000** | |
| **Demand** | **7,411** | **7,266** | **7,123** | **6,983** | **6,847** | **6,847** | *Table #8* |

**Valley County WD**

| Supply Summary (AF) | | | | | | | Source |
|---|---|---|---|---|---|---|---|
| | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Valley County WD 2010 UWMP* |
| **GW** | 6,580 | 9,159 | 9,159 | 9,159 | 9,159 | 9,159 | *Table 17* |
| **IW** | 1,767 | 1,197 | 1,197 | 1,197 | 1,197 | 1,197 | *Table 17 (Import from MWD+CIC)* |
| **RW** | - | - | - | - | - | - | |
| **SurfW** | - | - | - | - | - | - | |
| **Desal** | - | - | - | - | - | - | |
| **Conser** | - | - | - | - | - | - | |
| **Water Trans** | (34) | - | - | - | - | - | *Table 17* |
| **SW Reuse** | - | - | - | - | - | - | |
| **Total** | **8,313** | **10,356** | **10,356** | **10,356** | **10,356** | **10,356** | |
| **Demand** | **8,313** | **9,201** | **9,372** | **9,536** | **9,695** | **9,846** | *Pg 7* |

**Summary Retail Supply Table**

| Supply Summary (AF) | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 |
|---|---|---|---|---|---|---|
| **GW** | 50,838 | 81,958 | 86,689 | 86,689 | 86,689 | 86,689 |
| **IW** | 404,986 | 431,704 | 393,368 | 396,054 | 392,892 | 387,520 |
| **RW** | 26,880 | 28,843 | 47,714 | 49,769 | 54,732 | 56,254 |
| **Local Surface Wat** | - | - | - | - | - | - |
| **Conser** | 17,086 | 20,471 | 31,327 | 36,864 | 43,131 | 47,924 |
| **Water Trans** | - | 15,096 | 15,096 | 15,096 | 15,096 | 15,096 |
| **SW Capture & Reu** | - | 755 | 2,264 | 3,774 | 6,038 | 9,435 |
| **Desal** | 1,681 | 3,400 | 23,900 | 23,900 | 23,900 | 23,900 |
| **Total Supply** | **501,471** | **582,227** | **600,358** | **612,147** | **622,479** | **626,818** |
| **Total Demand** | **425,580** | **477,051** | **498,009** | **507,296** | **517,697** | **521,946** |

**Summary Replenishment Supply Table**

| Replenishment Supply (AF) | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 |
|---|---|---|---|---|---|---|
| **IW** | 15,274 | 3,500 | 3,500 | 3,500 | - | - |
| **RW** | 7,706 | 16,980 | 16,980 | 16,980 | 20,480 | 20,480 |
| **Total** | **22,980** | **20,480** | **20,480** | **20,480** | **20,480** | **20,480** |

**West Basin MWD (2010 RUWMP, Table 3-5)**

| | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 |
|---|---|---|---|---|---|---|
| **IW for recharge** | 15,274 | 3,500 | 3,500 | 3,500 | - | - |
| **RW for recharge** | 7,706 | 16,980 | 16,980 | 16,980 | 20,480 | 20,480 |
| **Total Recharge** | **22,980** | **20,480** | **20,480** | **20,480** | **20,480** | **20,480** |

**West Basin MWD**

| Supply Summary (AF) | | | | | | | *Source* |
|---|---|---|---|---|---|---|---|
| | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *West Basin MWD 2010 RUWMP* |
| **GW** | 36,360 | 45,000 | 45,000 | 45,000 | 45,000 | 45,000 | *Table 4-2* |
| **IW** | 104,985 | 114,647 | 76,797 | 75,386 | 70,598 | 69,761 | *Table 4-2* |
| **RW** | 14,182 | 16,368 | 33,882 | 33,882 | 37,382 | 37,382 | *Table 3-3* |
| **Local Surface Wat** | - | - | - | - | - | - | *Table 4-2* |
| **Conser** | 14,000 | 15,119 | 21,039 | 21,640 | 22,971 | 23,632 | *Table 3-3* |
| **Water Trans** | - | - | - | - | - | - | |
| **SW Reuse** | - | - | - | - | - | - | |
| **Desal** | 500 | 1,000 | 21,500 | 21,500 | 21,500 | 21,500 | *Table 4-2* |
| **Total Supply** | **170,027** | **192,134** | **198,218** | **197,408** | **197,451** | **197,275** | |
| **Total Demand** | **168,987** | **192,134** | **198,218** | **197,408** | **197,451** | **197,275** | *Table 3-3* |

**Torrance**

| Supply Summary (AF) | | | | | | | *Source* |
|---|---|---|---|---|---|---|---|
| | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Torrance 2010 UWMP* |
| **GW** | 1,106 | 5,640 | 5,640 | 5,640 | 5,640 | 5,640 | *Table 2.3, Table 5.4* |
| **IW** | 16,471 | 20,967 | 20,967 | 20,967 | 20,967 | 20,967 | *Table 2.1, Table 5.4* |
| **RW** | 6,445 | 6,500 | 6,500 | 7,150 | 7,150 | 7,150 | *Table 2.5, Table 5.4* |
| **Local Surface Wat** | - | - | - | - | - | - | |
| **Conser** | - | - | - | - | - | - | |
| **Water Trans** | - | - | - | - | - | - | |
| **SW Capture & Reu** | - | - | - | - | - | - | |
| **Desal** | 1,181 | 2,400 | 2,400 | 2,400 | 2,400 | 2,400 | *Table 2.4, Table 5.4* |
| **Total** | **25,203** | **35,507** | **35,507** | **36,157** | **36,157** | **36,157** | |
| **Demand** | 25,203 | 26,868 | 27,532 | 28,559 | 29,100 | 29,754 | *Table 4.7* |

**Beverly Hills**

| Supply Summary (AF) | | | | | | | *Source* |
|---|---|---|---|---|---|---|---|
| | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Beverly Hills 2010 UWMP* |
| **GW** | 1,311 | 800 | 800 | 800 | 800 | 800 | *Table 2.3, Table 2.4* |
| **IW** | 11,801 | 18,853 | 21,653 | 22,893 | 21,641 | 20,560 | *Table 2.3, Table 2.4* |
| **RW** | - | - | - | - | - | - | |
| **Local Surface Wat** | - | - | - | - | - | - | |
| **Conser** | - | - | - | - | - | - | |
| **Water Trans** | - | - | - | - | - | - | |
| **SW Capture & Reu** | - | - | - | - | - | - | |
| **Desal** | - | - | - | - | - | - | |
| **Total Supply** | **13,112** | **19,653** | **22,453** | **23,693** | **22,441** | **21,360** | |
| **Total Demand** | 11,562 | 11,654 | 11,786 | 11,913 | 12,036 | 12,153 | *Table 4.1, Table 4.7* |

**Santa Monica**

| Supply Summary (AF) | | | | | | | *Source* |
|---|---|---|---|---|---|---|---|
| | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Santa Monica 2010 UWMP* |
| **GW** | 2,062 | 12,400 | 12,400 | 12,400 | 12,400 | 12,400 | *Table 2.4, Table 2.7* |
| **IW** | 11,685 | 11,515 | 11,515 | 11,515 | 11,515 | 11,515 | *Table 2.1, Table 2.7* |
| **RW** | 108 | 560 | 560 | 560 | 560 | 560 | *Table 2.5, Table 2.7* |
| **Local Surface Wat** | - | - | - | - | - | - | |
| **Conser** | - | - | - | - | - | - | |
| **Water Trans** | - | - | - | - | - | - | |
| **SW Capture & Reu** | - | - | - | - | - | - | |
| **Desal** | - | - | - | - | - | - | |
| **Total Supply** | **13,855** | **24,475** | **24,475** | **24,475** | **24,475** | **24,475** | |
| **Total Demand** | 13,855 | 14,370 | 14,409 | 14,445 | 14,478 | 14,509 | *Table 4.2, Table 4.8* |

**Los Angeles**

| Supply Summary (AF) | | | | | | | Source |
|---|---|---|---|---|---|---|---|
| | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *LADWP 2010 UWMP* |
| **GW** | - | - | - | - | - | - | *0% of total groundwater* |
| **IW** | 202,211 | 209,796 | 216,490 | 218,050 | 219,611 | 214,806 | *Demand-Local Supply* |
| **RW** | 676 | 1,026 | 1,926 | 2,826 | 3,726 | 4,626 | *Exhibit 4I, 4P, 4Q* |
| **Local Surface Wat** | - | - | - | - | - | - | |
| **Conser** | 3,086 | 5,352 | 10,288 | 15,224 | 20,160 | 24,292 | *Area percentage applied* |
| **Water Trans** | - | 15,096 | 15,096 | 15,096 | 15,096 | 15,096 | *Area percentage applied* |
| **SW Capture & Reu** | - | 755 | 2,264 | 3,774 | 6,038 | 9,435 | *Area percentage applied* |
| **Desal** | - | - | - | - | - | - | |
| **Total Supply** | **205,973** | **232,025** | **246,064** | **254,971** | **264,632** | **268,255** | |
| **Total Demand** | **205,973** | **232,025** | **246,064** | **254,971** | **264,632** | **268,255** | *Area percentage applied* |

**Los Angeles (100%) - Percentage area applied to demand only. Supply numbers received via email from LADWP.**

| | Supply Summary (AF) | | | | | | | Source |
|---|---|---|---|---|---|---|---|---|
| | | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *LADWP 2010 UWMP* |
| | **GW** | 76,982 | 40,500 | 96,300 | 111,500 | 111,500 | 110,405 | *Exhibit ES-R* |
| | **IW** | 463,614 | 540,120 | 508,040 | 481,760 | 484,781 | 477,027 | *Exhibit ES-R (Includes LA Aqueduct and MWD supplies)* |
| | **RW** | 6,703 | 20,000 | 20,400 | 42,000 | 51,500 | 59,000 | *Exhibit 4J, Exhibit 4L* |
| | **Local Surface Water** | | | | | | | |
| | **Conser** | 8,178 | 14,180 | 27,260 | 40,340 | 53,419 | 64,368 | *Exhibit ES-R* |
| | **Water Trans** | - | 40,000 | 40,000 | 40,000 | 40,000 | 40,000 | *Exhibit ES-R* |
| | **Stormwater Cap** | - | 2,000 | 6,000 | 10,000 | 16,000 | 25,000 | *Exhibit ES-R* |
| | **Desal** | | | | | | | |
| Area | **Total** | **555,477** | **656,800** | **698,000** | **725,600** | **757,200** | **775,800** | |
| 38% | **Demand** | **545,771** | **614,800** | **652,000** | **675,600** | **701,200** | **710,800** | *Exhibit 2J, Demand Forecast with Passive and Active Water Conservation* |

**California Water Service Co - Dominguez**

| Supply Summary (AF) | | | | | | | Source |
|---|---|---|---|---|---|---|---|
| | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Cal Water Service Co - Dominguez District 2010 UWMP* |
| **GW** | 8,575 | 12,736 | 16,897 | 16,897 | 16,897 | 16,897 | |
| **IW** | 23,645 | 22,492 | 15,319 | 15,930 | 16,551 | 17,183 | |
| **RW** | 5,251 | 4,134 | 4,586 | 5,088 | 5,646 | 6,264 | |
| **Local Surface Water** | | | | | | | |
| **Conser** | | | | | | | |
| **Water Trans** | | | | | | | |
| **SW Capture & Reuse** | | | | | | | |
| **Desal** | | | | | | | |
| **Total Supply** | **37,471** | **39,362** | **36,802** | **37,915** | **39,094** | **40,344** | |
| **Total Demand** | 42,566 | 39,362 | 36,802 | 37,915 | 39,094 | 41,677 | |

**California Water Service Co - Hawthorne**

| Supply Summary (AF) | | | | | | | Source |
|---|---|---|---|---|---|---|---|
| | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Hawthorne 2010 UWMP* |
| **GW** | - | 1,882 | 1,882 | 1,882 | 1,882 | 1,882 | |
| **IW** | 4,146 | 3,310 | 3,551 | 3,794 | 4,039 | 4,297 | |
| **RW** | 84 | 100 | 101 | 101 | 102 | 103 | |
| **Local Surface Water** | | | | | | | |
| **Conser** | | | | | | | |
| **Water Trans** | | | | | | | |
| **SW Capture & Reuse** | | | | | | | |
| **Desal** | | | | | | | |
| **Total Supply** | **4,230** | **5,292** | **5,534** | **5,777** | **6,023** | **6,282** | |
| **Total Demand** | 4,230 | 5,292 | 5,534 | 5,777 | 6,023 | 6,282 | |

**California Water Service Co - Hermosa-Redondo**

| Supply Summary (AF) | | | | | | | Source |
|---|---|---|---|---|---|---|---|
| | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Cal Water Service Co - Hermosa-Redondo District 2010 UWMP* |
| **GW** | 1,424 | 3,500 | 4,070 | 4,070 | 4,070 | 4,070 | |
| **IW** | 10,958 | 10,482 | 9,535 | 9,904 | 10,282 | 10,670 | |
| **RW** | 134 | 155 | 159 | 162 | 166 | 169 | |
| **Local Surface Water** | | | | | | | |
| **Conser** | | | | | | | |
| **Water Trans** | | | | | | | |
| **SW Capture & Reuse** | | | | | | | |
| **Desal** | | | | | | | |
| **Total Supply** | **12,516** | **14,137** | **13,764** | **14,136** | **14,518** | **14,909** | |
| **Total Demand** | 12,516 | 14,506 | 14,519 | 14,912 | 15,315 | 15,728 | |

**California Water Service Co - Palos Verdes**

| Supply Summary (AF) | | | | | | | Source |
|---|---|---|---|---|---|---|---|
| | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | *Cal Water Service Co - Palos Verdes District 2010 UWMP* |
| **GW** | | | | | | | |
| **IW** | 19,084 | 19,642 | 17,541 | 17,615 | 17,688 | 17,761 | |
| **RW** | | | | | | | |
| **Local Surface Water** | | | | | | | |
| **Conser** | | | | | | | |
| **Water Trans** | | | | | | | |
| **SW Capture & Reuse** | | | | | | | |
| **Desal** | | | | | | | |
| **Total Supply** | **19,084** | **19,642** | **17,541** | **17,615** | **17,688** | **17,761** | |
| **Total Demand** | 19,084 | 19,642 | 17,541 | 17,615 | 17,688 | 17,761 | |